

# Linear Lighting Solutions & Management Systems



2024





|               |   |
|---------------|---|
| ❶ CUBALUX APP | 8 |
| ❷ DEMO KIT    | 9 |

## ❸ LED STRIP

### *Emphasis*

|            |    |
|------------|----|
| ① Emphasis | 10 |
|------------|----|

## ❹ LED STRIP

### *JAZZ*

|                                 |    |
|---------------------------------|----|
| ② Jazz                          | 18 |
| ↳ LED TIPS                      | 27 |
| ③ Jazz RGB                      | 35 |
| ④ Jazz RGBW                     | 36 |
| ⑤ Jazz Special                  |    |
| ├ Food Light                    | 38 |
| ├ CCT                           | 39 |
| ├ DIM to Warm                   | 40 |
| ├ Full Spectrum                 | 41 |
| ├ Side View                     | 42 |
| ├ Sauna Room                    | 43 |
| ├ Wall Washer                   | 44 |
| ├ Wall Washer RGB               | 45 |
| ├ Neon Flex 15x8                | 46 |
| ├ Neon Flex 15x8 RGBW           | 47 |
| ⑥ Neon Flex Dual Bend 16x16     | 48 |
| ├ Neon Flex Dual Bend 16x16 RGB | 49 |
| ↳ Wiring Diagram                |    |
| ├ TQRA Neon                     | 50 |
| ⑦ Neon Flex Colors              | 52 |
| suitable for swimming pools     |    |
| Dual Bend 13,5x13,5             |    |

## ❸ LED STRIP

# TQRA

|                         |    |
|-------------------------|----|
| ⑦ TQRA                  | 54 |
| ⑧ TQRA Colors           | 57 |
| ⑨ TQRA RGB              | 60 |
| ⑩ TQRA RGBW             | 70 |
| ⑪ TQRA Neon Rondon      | 71 |
| ⑫ TQRA Dotless          | 72 |
| ├ TQRA Dotless RGB      | 79 |
| ⑬ TQRA Neon 15x8        | 80 |
| ├ TQRA Neon 15x8 Colors | 81 |
| ⑭ TQRA 230 Vac          | 82 |

**4 ALUMINIUM PROFILE**

|                              |     |
|------------------------------|-----|
| ● Advantages                 | 86  |
| ① Profiles                   | 87  |
| ② Plasterboard               | 94  |
| ③ Indirect and hidden lights | 96  |
| ④ Special applications       | 97  |
| ⑤ Circles                    | 100 |

**5 CONNECTORS LED STRIP**

|                            |     |
|----------------------------|-----|
| ① Slim connectors          | 102 |
| ② Connectors               | 103 |
| ③ Connectors IP67/IP68     | 104 |
| ④ Connection box IP67/IP68 | 105 |

**6 ACCESSORIES**

|                        |     |
|------------------------|-----|
| ① Connector waterproof | 106 |
| ② Connector cables     | 107 |

**7 POWER SUPPLY**

|                         |     |
|-------------------------|-----|
| ① Constant voltage IP20 | 110 |
| ② Constant voltage IP67 | 114 |

**8 DIMMABLE LED DRIVER**

|   |     |
|---|-----|
| ① Constant voltage IP20   | 117 |
| ↳ Compatibility Diagram<br>Dimmable LED drivers<br>& remote controllers<br>for single colour LED Strips | 119 |

**9 LIGHT MANAGEMENT**

|                                    |     |
|------------------------------------|-----|
| ① RF controller for simple Dimming | 120 |
| ② Dimmer & controller set          | 125 |
| ③ Dimmer - controller              | 126 |

|  |     |
|--|-----|
| ↳ Compatibility Diagram<br>for wireless or wired control<br>Controllers for single colour LED Strips | 130 |
|--|-----|

|  |     |
|--|-----|
| ↳ Compatibility Diagram<br>for wireless or wired control<br>Controllers for RGB/RGBW/CCT | 131 |
|--|-----|

|  |     |
|--|-----|
| ↳ Compatibility Diagram<br>Single Colour LED Strips<br>wireless or wired control | 133 |
|--|-----|

|                   |     |
|-------------------|-----|
| ④ Detectors       | 134 |
| ⑤ Signal repeater | 136 |

|  |     |
|--|-----|
| ↳ Application Diagram<br>Signal repeater | 138 |
|--|-----|

|          |     |
|----------|-----|
| ⑥ DMX512 | 139 |
|----------|-----|

|                                |     |
|--------------------------------|-----|
| ↳ Compatibility Diagram<br>DMX | 143 |
|--------------------------------|-----|

|                 |     |
|-----------------|-----|
| ⑦ Dimmer 230Vac | 146 |
|-----------------|-----|

|   |     |
|---|-----|
| ↳ Lighting Management Diagram<br>230Vac | 147 |
|---|-----|

LED STRIP PREMIUM



Σελ.10

JAZZ

JAZZ SPECIAL

RGB

RGBW

Wall Washer

Neon Flex RGBW



Σελ.35



Σελ.36



Σελ.44



Σελ.47

JAZZ SPECIAL

Food Lights

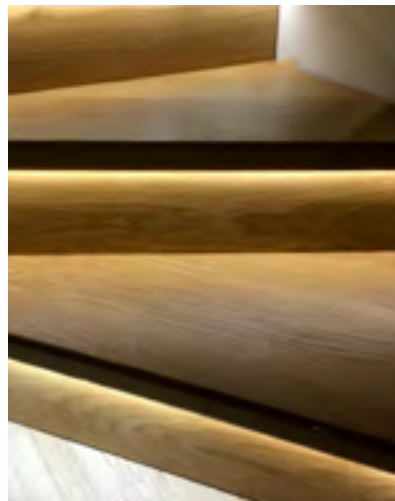
CCT

Full Spectrum

Sauna Room



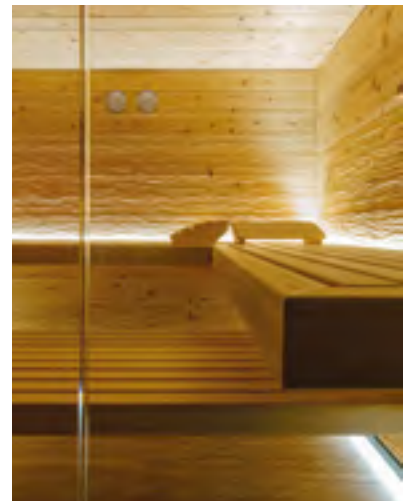
Σελ.38



Σελ.39



Σελ.41



Σελ.43

LED STRIP ECONOMY



▼ Σελ.54

Colors



▼ Σελ.57

Neon Rondo



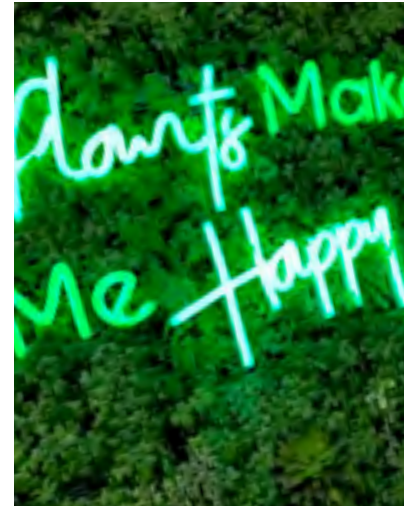
▼ Σελ.71

Dotless



▼ Σελ.72

Neon



▼ Σελ.80

Aluminium Profiles



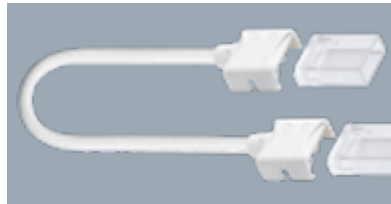
▼ Σελ.86

Power supply



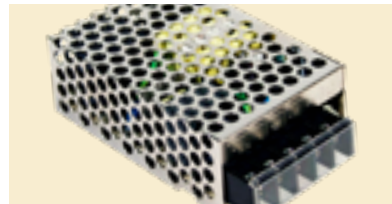
▼ Σελ.110

Connectors



▼ Σελ.102

LED Drivers



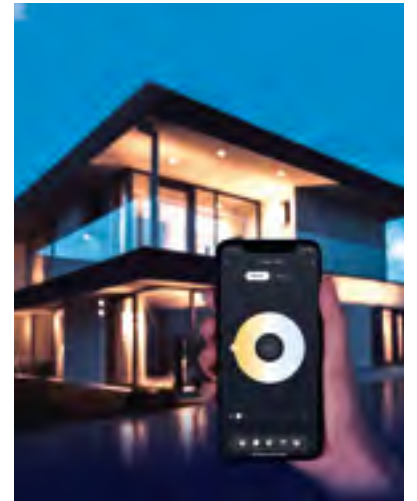
▼ Σελ.117

Accessories



▼ Σελ.106

Light Management



▼ Σελ.120





“Blue was never  
so beautiful blue.”

~PETRA HERMANS

# 1 CUBALUX APP



Cubalux  
LED STRIP  
Calculator

## LED STRIP Calculator.

Download our application designed to assist you as a professional and you give a competitive advantage. It calculates the watt, length and cost of your application.



### You may use it:

- As an offer to send to your customer.
- Save it on your mobile phone archived with your customer's name.
- Request the materials in the offer from your supplier.

### The application contains connection videos:

- Simple wiring of led strip with power supply
- Wiring and material required for brightness control (dimming) of single colour led strip with dimmer with potentiometer
- Wiring and material required for brightness control (dimming) of single colour led strip with a push button switch
- Wiring and material required for brightness control (dimming) of single colour led strip with a wireless RF control
- Wiring and material required for brightness control (dimming) of single colour led strip with 0-1/10V switch
- Wiring and material required for brightness control (dimming) of RGB led strip with a wireless RF control

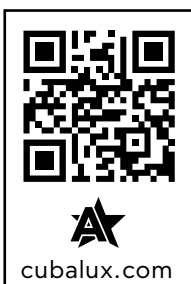


CUBALUX LED  
YouTube

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- Our seminars



  
cubalux.com

## 2 DEMO KIT

### CUBALUX LED STRIP DEMO KIT



Code.. 130969

Contains

- LED strip 1,5 m
  - ↳ 50 cm LED Strip 6 Watt **3000K** 24V
  - ↳ 50 cm LED Strip 11,4 Watt **4000K** 24V
  - ↳ 50 cm LED Strip 17 Watt **6000K** 24V
- Power supply 24 Watt /24V

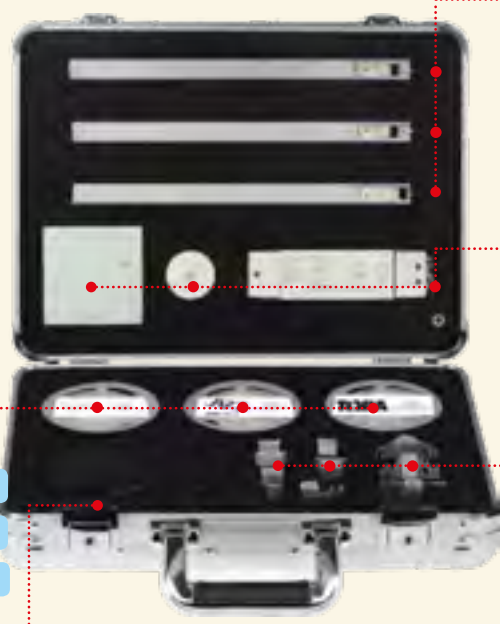


### CUBALUX SUITCASE

Code.. 130965

Contains

- LED Strip samples
  - ↳ 210 LED/m
    - ↳ Emphasis 9,6Watt **3000K** **4000K** **6500K**
    - ↳ Emphasis 14,4Watt **3000K** **4000K** **6500K**
    - ↳ Emphasis 19,2Watt **3000K** **4000K** **6500K**
  - ↳ 128 LED/m
    - ↳ Jazz 24V-IC 6Watt **3000K** **4000K** **6500K**
    - ↳ Jazz 24V-IC 12Watt **3000K** **4000K** **6500K**
    - ↳ Jazz 24V-IC 18Watt **3000K** **4000K** **6500K**
  - ↳ TQRA COB 24V 3Watt **3000K** **4000K** **6000K**
  - ↳ TQRA COB 24V 6Watt **3000K** **4000K** **6000K**
  - ↳ TQRA COB 24V 9Watt **3000K** **4000K** **6000K**



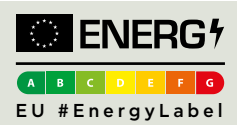
- LED Strip samples in aluminum profiles, to operate in aluminum profiles
  - ↳ Emphasis 9,6Watt **6500K**
  - ↳ Emphasis 14,4 Watt **4000K**
  - ↳ Emphasis 19,2 Watt **3000K**
- Dimming Systems Simplicity:
  - ↳ © Controller RF - ● Push Button **130930**
  - ↳ Mini Controllers © RF **130933**
  - ↳ © RF Switches **130934**
- Aluminum profile samples

# 3 LED STRIP

## 1 Emphasis

1.

24V  
4 WATT/m  
70 LED/m  
CRI 80+  
STEP<3



**IP20 IP67**

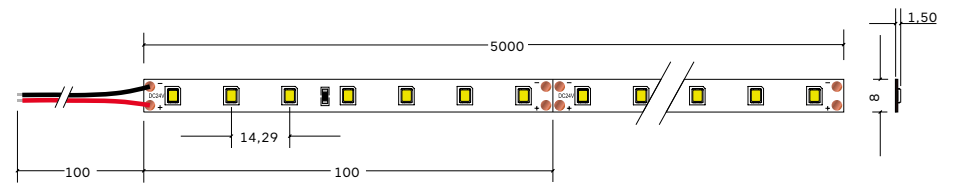
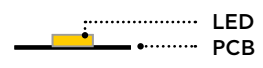
| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 770028 | CW/6500K                 | 588              | 147                 | D   | 5206704004732 |
|                      | 770027 | NW/4000K                 | 613              | 153                 | D   | 5206704004725 |
|                      | 770026 | WW/3000K                 | 570              | 142                 | E   | 5206704004718 |
|                      | 770025 | WW/2700K                 | 559              | 139                 | E   | 5206704004701 |
| IP67                 | 770048 | CW/6500K                 | 556              | 139                 | E   | 5206704004930 |
|                      | 770047 | NW/4000K                 | 576              | 144                 | E   | 5206704004923 |
|                      | 770046 | WW/3000K                 | 542              | 135                 | E   | 5206704004916 |
|                      | 770045 | WW/2700K                 | 530              | 132                 | E   | 5206704004909 |

| Common Technical Specifications             |               |
|---|---------------|
| Nominal voltage:                            | 24 Vac        |
| Nominal wattage:                            | 4 W/m         |
| Beam angle:                                 | 120°          |
| CRI (Ra):                                   | >80           |
| IP protection:                              | IP20/IP67     |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 70            |
| LED pitch:                                  | 14,29 mm      |
| Smallest unit (Length):                     | 100 mm        |
| Longest unit (Length):                      | 10.000 mm     |
| Dimmable:                                   | Yes (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 5.000 mm      |
| Width:                                      | 8/10,4 mm     |
| Height:                                     | 1,50/4,00 mm  |

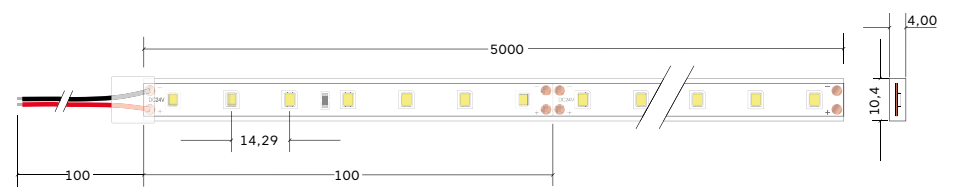
### Drawing / Dimensions



- No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion



# 3 LED STRIP

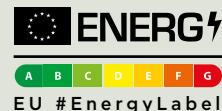
## 1 Emphasis

2.

24V  
8 WATT/m  
70 LED/m  
CRI 80+  
STEP<3



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20 IP67**

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 770032 | CW/6500K                 | 1107             | 139                 | E   | 5206704004770 |
|                      | 770031 | NW/4000K                 | 1164             | 146                 | E   | 5206704004763 |
|                      | 770030 | WW/3000K                 | 1081             | 135                 | E   | 5206704004756 |
|                      | 770029 | WW/2700K                 | 1070             | 134                 | E   | 5206704004749 |
| IP67                 | 770052 | CW/6500K                 | 1061             | 133                 | E   | 5206704004978 |
|                      | 770051 | NW/4000K                 | 1115             | 139                 | E   | 5206704004961 |
|                      | 770050 | WW/3000K                 | 1029             | 129                 | E   | 5206704004954 |
|                      | 770049 | WW/2700K                 | 1011             | 127                 | E   | 5206704004947 |

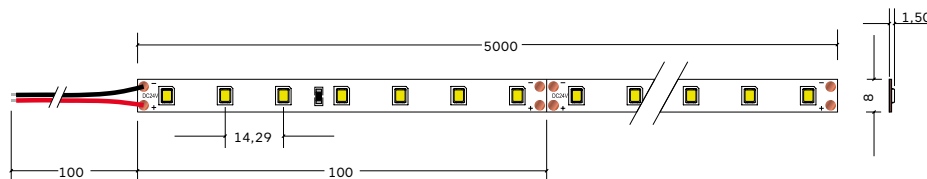
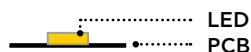
### Common Technical Specifications

|   |              |
|---|--------------|
| Nominal voltage:                            | 24 Vac       |
| Nominal wattage:                            | 8 W/m        |
| Beam angle:                                 | 120°         |
| CRI (Ra):                                   | > 80         |
| IP protection:                              | IP20/IP67    |
| Ambient temperature range (ta):             | -20... +50°C |
| Number of LEDs/m:                           | 70           |
| LED pitch:                                  | 14,29 mm     |
| Smallest unit (Length):                     | 100 mm       |
| Longest unit (Length):                      | 5.000 mm     |
| Dimmable:                                   | YES (PWM)    |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours |
| Length:                                     | 5.000 mm     |
| Width:                                      | 8/10,4 mm    |
| Height:                                     | 1,50/4,00 mm |

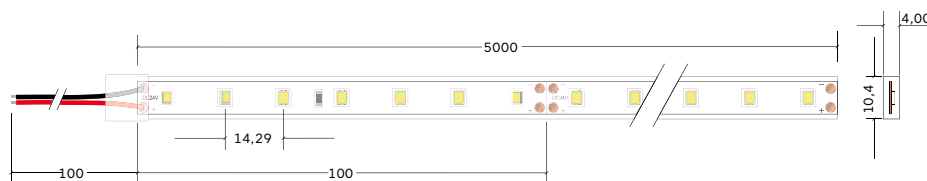
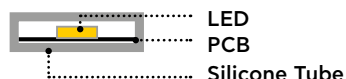
### Drawing / Dimensions



- No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion

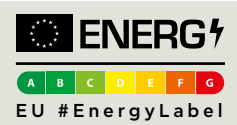


# 3 LED STRIP

## 1 Emphasis

3.

24V  
12 WATT/m  
70 LED/m  
CRI 80+  
STEP<3



**IP20 IP67**

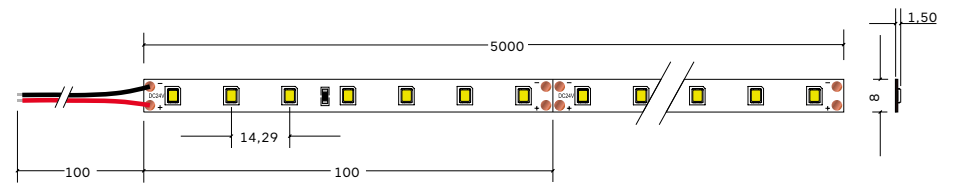
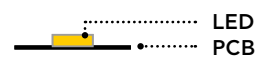
| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 770036 | CW/6500K                 | 1528             | 127                 | E   | 5206704004817 |
|                      | 770035 | NW/4000K                 | 1599             | 133                 | E   | 5206704004800 |
|                      | 770034 | WW/3000K                 | 1470             | 123                 | E   | 5206704004794 |
|                      | 770033 | WW/2700K                 | 1433             | 119                 | E   | 5206704004787 |
| IP67                 | 770056 | CW/6500K                 | 1452             | 121                 | E   | 5206704005012 |
|                      | 770055 | NW/4000K                 | 1515             | 126                 | E   | 5206704005005 |
|                      | 770054 | WW/3000K                 | 1391             | 116                 | F   | 5206704004992 |
|                      | 770053 | WW/2700K                 | 1356             | 113                 | F   | 5206704004985 |

| Common Technical Specifications             |               |
|---|---------------|
| Nominal voltage:                            | 24 Vac        |
| Nominal wattage:                            | 12 W/m        |
| Beam angle:                                 | 120°          |
| CRI (Ra):                                   | >80           |
| IP protection:                              | IP20/IP67     |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 70            |
| LED pitch:                                  | 14,29 mm      |
| Smallest unit (Length):                     | 100 mm        |
| Longest unit (Length):                      | 5.000 mm      |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 5.000 mm      |
| Width:                                      | 8/10,4 mm     |
| Height:                                     | 1,50/4,00 mm  |

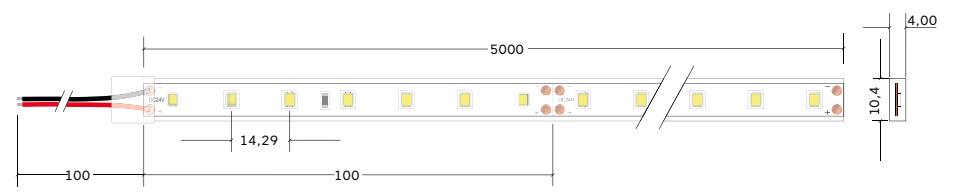
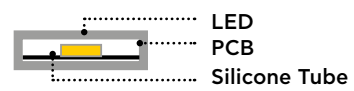
### Drawing / Dimensions



• No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion



# 3 LED STRIP

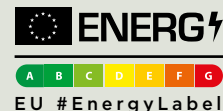
## 1 Emphasis

4.

24V  
9,6 WATT/m  
120 LED/m  
CRI 80+  
STEP<3



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20 IP67**

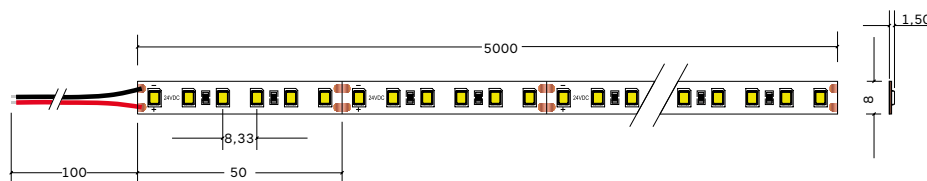
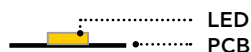
| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 770040 | CW/6500K                 | 1169             | 122                 | E   | 5206704004855 |
|                      | 770039 | NW/4000K                 | 1219             | 127                 | E   | 5206704004848 |
|                      | 770038 | WW/3000K                 | 1146             | 119                 | E   | 5206704004831 |
|                      | 770037 | WW/2700K                 | 1095             | 114                 | F   | 5206704004824 |
| IP67                 | 770060 | CW/6500K                 | 1124             | 117                 | E   | 5206704005050 |
|                      | 770059 | NW/4000K                 | 1167             | 122                 | E   | 5206704005043 |
|                      | 770058 | WW/3000K                 | 1086             | 113                 | F   | 5206704005036 |
|                      | 770057 | WW/2700K                 | 1045             | 109                 | F   | 5206704005029 |

| Common Technical Specifications             |               |
|---|---------------|
| Nominal voltage:                            | 24 Vac        |
| Nominal wattage:                            | 9,6 W/m       |
| Beam angle:                                 | 120°          |
| CRI (Ra):                                   | > 80          |
| IP protection:                              | IP20/IP67     |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 120           |
| LED pitch:                                  | 8,33 mm       |
| Smallest unit (Length):                     | 50 mm         |
| Longest unit (Length):                      | 5.000 mm      |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 5.000 mm      |
| Width:                                      | 8/10,4 mm     |
| Height:                                     | 1,50/4,00 mm  |

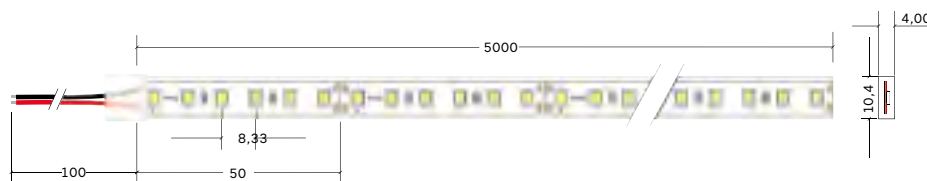
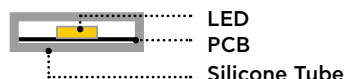
### Drawing / Dimensions



- No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion

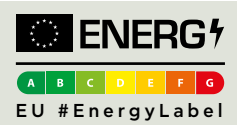


# 3 LED STRIP

## 1 Emphasis

5.

24V  
 19,2 WATT/m  
 120 LED/m  
 CRI 80+  
 STEP<3



**IP20 IP67**

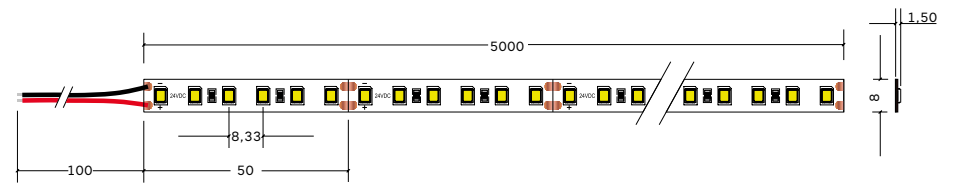
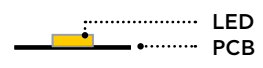
| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 770044 | CW/6500K                 | 2191             | 114                 | F   | 5206704004893 |
|                      | 770043 | NW/4000K                 | 2279             | 119                 | F   | 5206704004886 |
|                      | 770042 | WW/3000K                 | 2111             | 110                 | F   | 5206704004879 |
|                      | 770041 | WW/2700K                 | 2056             | 107                 | F   | 5206704004862 |
| IP67                 | 770064 | CW/6500K                 | 2076             | 108                 | F   | 5206704005098 |
|                      | 770063 | NW/4000K                 | 2174             | 113                 | F   | 5206704005081 |
|                      | 770062 | WW/3000K                 | 2011             | 105                 | F   | 5206704005074 |
|                      | 770061 | WW/2700K                 | 1958             | 102                 | F   | 5206704005067 |

| Common Technical Specifications             |               |
|---|---------------|
| Nominal voltage:                            | 24 Vac        |
| Nominal wattage:                            | 19,2 W/m      |
| Beam angle:                                 | 120°          |
| CRI (Ra):                                   | >80           |
| IP protection:                              | IP20/IP67     |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 120           |
| LED pitch:                                  | 8,33 mm       |
| Smallest unit (Length):                     | 50 mm         |
| Longest unit (Length):                      | 5.000 mm      |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 5.000 mm      |
| Width:                                      | 8/10,4 mm     |
| Height:                                     | 1,50/4,00 mm  |

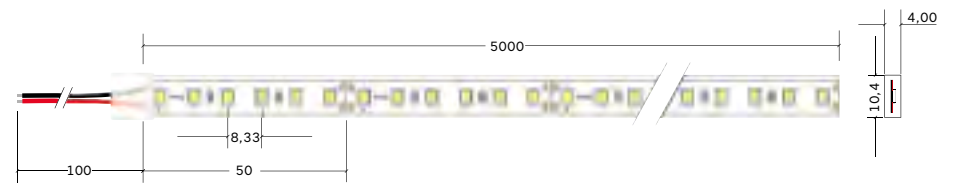
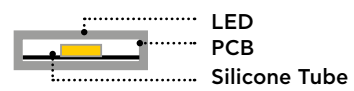
### Drawing / Dimensions



- No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion





# 3 LED STRIP

## 1 Emphasis

6.

24V  
9,6 WATT/m  
210 LED/m  
CRI 80+  
STEP<3



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



A B C D E F G  
EU #EnergyLabel



Dimming

**IP20 IP67**

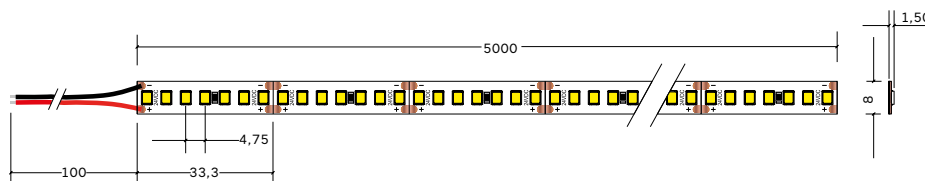
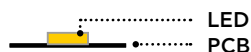
| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 770068 | CW/6500K                 | 1456             | 152                 | D   | 5206704009331 |
|                      | 770067 | NW/4000K                 | 1492             | 155                 | D   | 5206704009348 |
|                      | 770066 | WW/3000K                 | 1448             | 151                 | D   | 5206704009355 |
|                      | 770065 | WW/2700K                 | 1408             | 147                 | D   | 5206704009362 |
| IP67                 | 770080 | CW/6500K                 | 1374             | 143                 | D   | 5206704009485 |
|                      | 770079 | NW/4000K                 | 1404             | 146                 | D   | 5206704009478 |
|                      | 770078 | WW/3000K                 | 1360             | 142                 | D   | 5206704009461 |
|                      | 770077 | WW/2700K                 | 1328             | 138                 | D   | 5206704009454 |

| Common Technical Specifications             |              |
|---|--------------|
| Nominal voltage:                            | 24 Vac       |
| Nominal wattage:                            | 9,6 W/m      |
| Beam angle:                                 | 120°         |
| CRI (Ra):                                   | > 80         |
| IP protection:                              | IP20/IP67    |
| Ambient temperature range (ta):             | -20... +50°C |
| Number of LEDs/m:                           | 210          |
| LED pitch:                                  | 4,75 mm      |
| Smallest unit (Length):                     | 33,3 mm      |
| Longest unit (Length):                      | 5.000 mm     |
| Dimmable:                                   | YES (PWM)    |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours |
| Length:                                     | 5.000 mm     |
| Width:                                      | 8/10,4 mm    |
| Height:                                     | 1,50/4,00 mm |

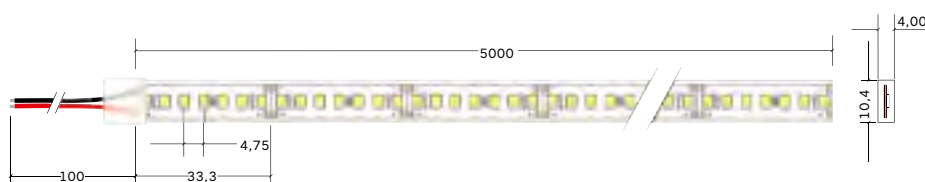
### Drawing / Dimensions



- No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion



# 3 LED STRIP

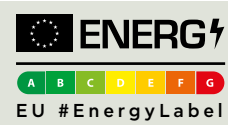
## 1 Emphasis

7.

24V  
 14,4 WATT/m  
 210 LED/m  
 CRI 80+  
 STEP<3



EN 62031 :2008/A2:2015  
 EN 55015:2013/A1:2015  
 EN61547:2009



Dimming

**IP20 IP67**

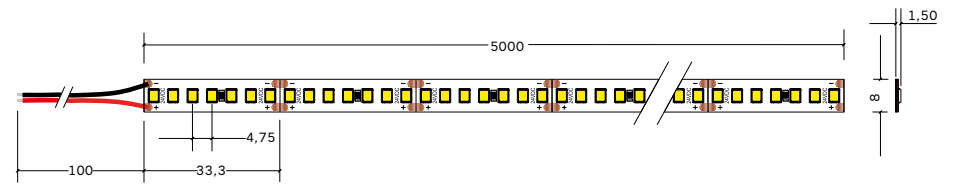
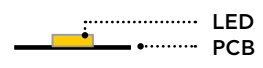
| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 770072 | CW/6500K                 | 2120             | 147                 | D   | 5206704009409 |
|                      | 770071 | NW/4000K                 | 2168             | 151                 | D   | 5206704009393 |
|                      | 770070 | WW/3000K                 | 2092             | 145                 | D   | 5206704009386 |
|                      | 770069 | WW/2700K                 | 2030             | 141                 | E   | 5206704009379 |
| IP67                 | 770084 | CW/6500K                 | 1990             | 138                 | E   | 5206704009522 |
|                      | 770083 | NW/4000K                 | 2036             | 141                 | E   | 5206704009515 |
|                      | 770082 | WW/3000K                 | 1962             | 136                 | E   | 5206704009508 |
|                      | 770081 | WW/2700K                 | 1926             | 134                 | E   | 5206704009492 |

| Common Technical Specifications             |               |
|---|---------------|
| Nominal voltage:                            | 24 Vac        |
| Nominal wattage:                            | 14,4 W/m      |
| Beam angle:                                 | 120°          |
| CRI (Ra):                                   | > 80          |
| IP protection:                              | IP20/IP67     |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 210           |
| LED pitch:                                  | 4,75 mm       |
| Smallest unit (Length):                     | 33,3 mm       |
| Longest unit (Length):                      | 5.000 mm      |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 5.000 mm      |
| Width:                                      | 8/10,4 mm     |
| Height:                                     | 1,50/4,00 mm  |

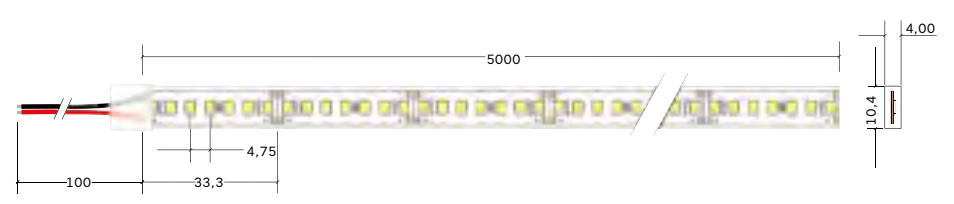
### Drawing / Dimensions



- No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion



# 3 LED STRIP

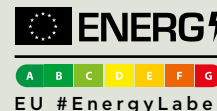
## 1 Emphasis

8.

24V  
19,2 WATT/m  
210 LED/m  
CRI 80+  
STEP<3



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20 IP67**

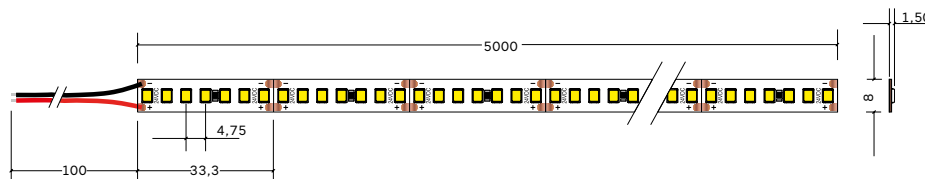
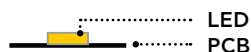
| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 770076 | CW/6500K                 | 2648             | 138                 | D   | 5206704009447 |
|                      | 770075 | NW/4000K                 | 2688             | 140                 | D   | 5206704009430 |
|                      | 770074 | WW/3000K                 | 2612             | 136                 | D   | 5206704009423 |
|                      | 770073 | WW/2700K                 | 2544             | 132                 | E   | 5206704009416 |
| IP67                 | 770088 | CW/6500K                 | 2490             | 130                 | E   | 5206704009560 |
|                      | 770087 | NW/4000K                 | 2538             | 132                 | E   | 5206704009553 |
|                      | 770086 | WW/3000K                 | 2446             | 127                 | E   | 5206704009546 |
|                      | 770085 | WW/2700K                 | 2379             | 124                 | E   | 5206704009539 |

| Common Technical Specifications             |              |
|---|--------------|
| Nominal voltage:                            | 24 Vdc       |
| Nominal wattage:                            | 19,2 W/m     |
| Beam angle:                                 | 120°         |
| CRI (Ra):                                   | > 80         |
| IP protection:                              | IP20/IP67    |
| Ambient temperature range (ta):             | -20... +50°C |
| Number of LEDs/m:                           | 210          |
| LED pitch:                                  | 4,75 mm      |
| Smallest unit (Length):                     | 33,3 mm      |
| Longest unit (Length):                      | 5.000 mm     |
| Dimmable:                                   | YES (PWM)    |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours |
| Length:                                     | 5.000 mm     |
| Width:                                      | 8/10,4 mm    |
| Height:                                     | 1,50/4,00 mm |

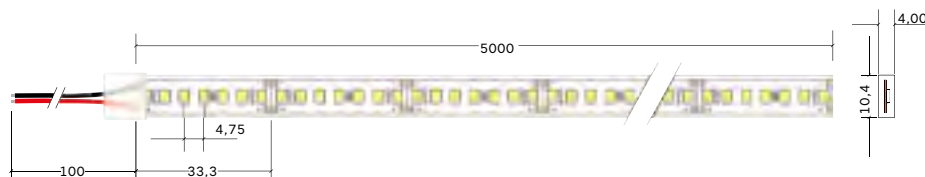
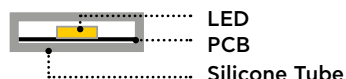
### Drawing / Dimensions



- No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion

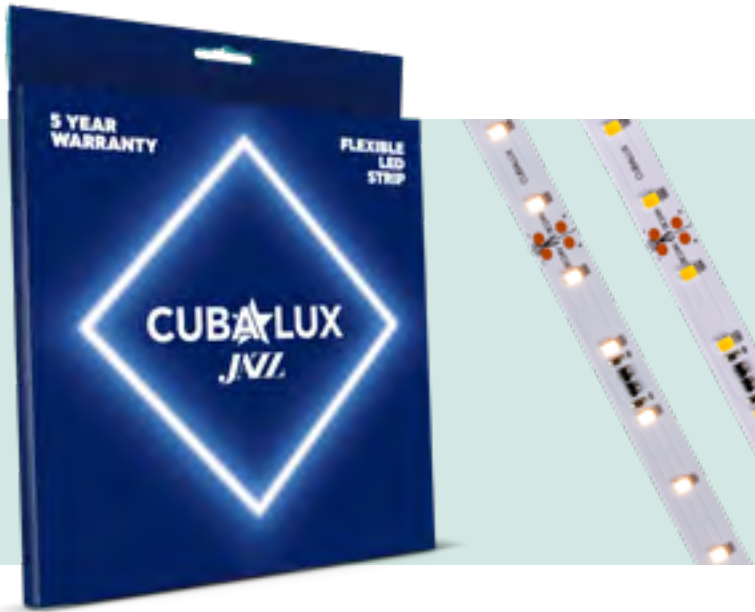


# 3 LED STRIP

## 2 Jazz

9.

24V  
3 WATT/m  
60 LED/m  
CRI 80+  
STEP<5

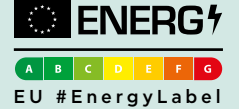


LED provided by Samsung

**5 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20 IP67**

- Longest unit with length of **25 meters**
- Voltage stabilization with **IC** on board

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| <b>IP20</b>          | 131021 | CW/5700K                 | 332              | 111                 | F   | 5206704005234 |
|                      | 131020 | NW/4000K                 | 337              | 112                 | F   | 5206704005227 |
|                      | 131019 | WW/3000K                 | 317              | 106                 | F   | 5206704005210 |
|                      | 131018 | WW/2700K                 | 310              | 103                 | F   | 5206704005203 |
| <b>IP67</b>          | 131031 | CW/5700K                 | 311              | 104                 | F   | 5206704005333 |
|                      | 131030 | NW/4000K                 | 316              | 105                 | F   | 5206704005326 |
|                      | 131029 | WW/3000K                 | 301              | 100                 | F   | 5206704005319 |
|                      | 131028 | WW/2700K                 | 294              | 98                  | F   | 5206704005302 |

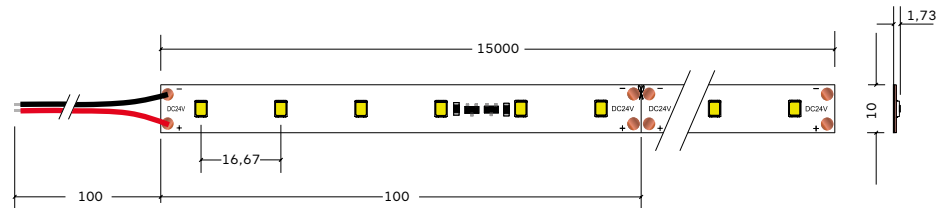
| Common Technical Specifications             |               |
|---|---------------|
| Nominal voltage:                            | 24 Vac        |
| Nominal wattage:                            | 3 W/m         |
| Beam angle:                                 | 120°          |
| CRI (Ra):                                   | >80           |
| IP protection:                              | IP20/IP67     |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 60            |
| LED pitch:                                  | 16,67 mm      |
| Smallest unit (Length):                     | 100 mm        |
| Longest unit (Length):                      | 25.000 mm     |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 15.000 mm     |
| Width:                                      | 10/12,4 mm    |
| Height:                                     | 1,73 /4,00 mm |

### Drawing / Dimensions



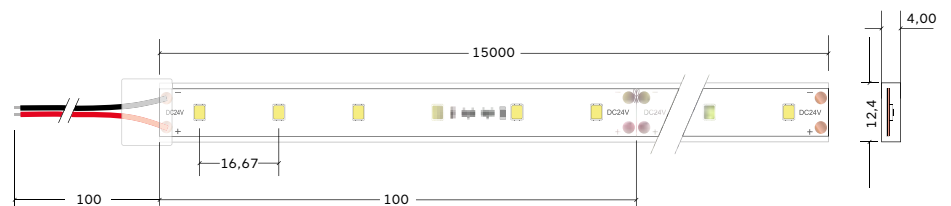
- No protection

LED  
PCB



- Protection from dust
- Protection from humidity
- Temporary water submersion

LED  
PCB  
Silicone Tube

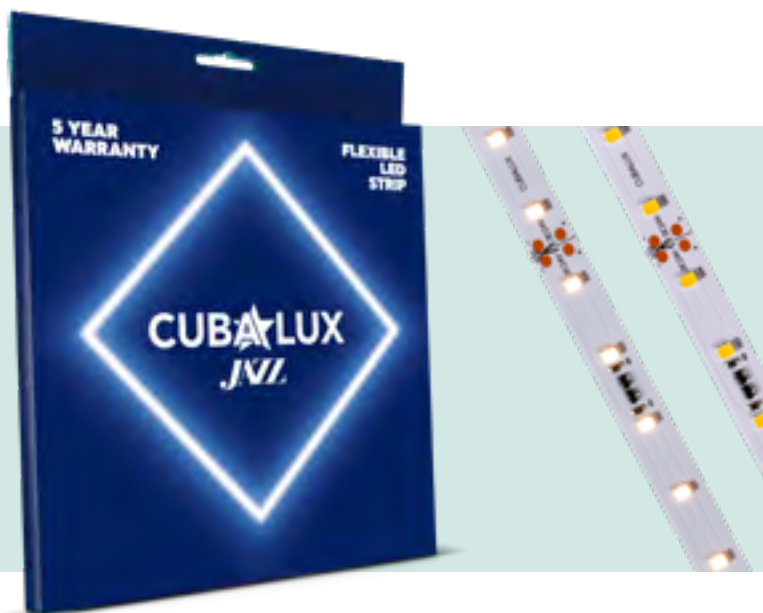


# 3 LED STRIP

## 2 Jazz

10.

24V  
6 WATT/m  
60 LED/m  
CRI 80+  
STEP<5

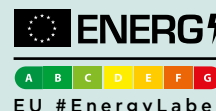


LED provided by Samsung

**5 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20 IP67**

- Longest unit with length of **25 meters**
- Voltage stabilization with **IC** on board

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 130869 | CW/5700K                 | 686              | 114                 | F   | 5206704003278 |
|                      | 130870 | NW/4000K                 | 687              | 114                 | F   | 5206704003261 |
|                      | 130871 | WW/3000K                 | 651              | 108                 | F   | 5206704003254 |
|                      | 131022 | WW/2700K                 | 639              | 107                 | F   | 5206704005241 |
| IP67                 | 131035 | CW/5700K                 | 637              | 106                 | F   | 5206704005371 |
|                      | 131034 | NW/4000K                 | 639              | 107                 | F   | 5206704005364 |
|                      | 131033 | WW/3000K                 | 608              | 101                 | F   | 5206704005357 |
|                      | 131032 | WW/2700K                 | 600              | 100                 | F   | 5206704005340 |

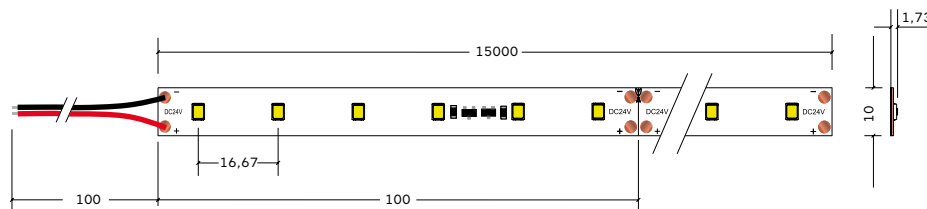
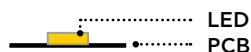
### Common Technical Specifications

|   |               |
|---|---------------|
| Nominal voltage:                            | 24 Vac        |
| Nominal wattage:                            | 6 W/m         |
| Beam angle:                                 | 120°          |
| CRI (Ra):                                   | > 80          |
| IP protection:                              | IP20/IP67     |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 60            |
| LED pitch:                                  | 16,67 mm      |
| Smallest unit (Length):                     | 100 mm        |
| Longest unit (Length):                      | 20.000 mm     |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 15.000 mm     |
| Width:                                      | 10/12,4 mm    |
| Height:                                     | 1,73/4,00 mm  |

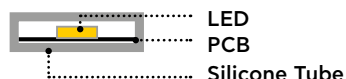
### Drawing / Dimensions



- No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion

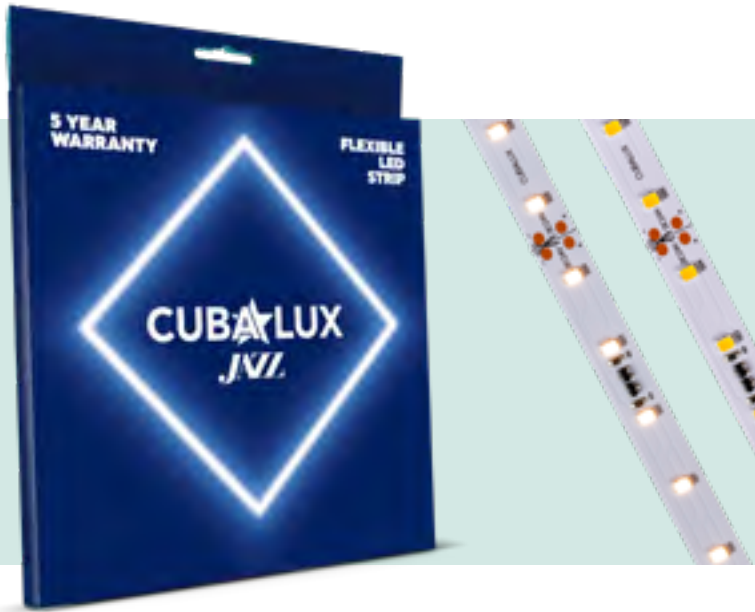


# 3 LED STRIP

## 2 Jazz

11.

24V  
9 WATT/m  
60 LED/m  
CRI 80+  
STEP<5

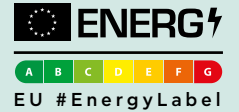


LED provided by Samsung

**5 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20 IP67**

- Longest unit with length of **15 meters**
- Voltage stabilization with **IC** on board

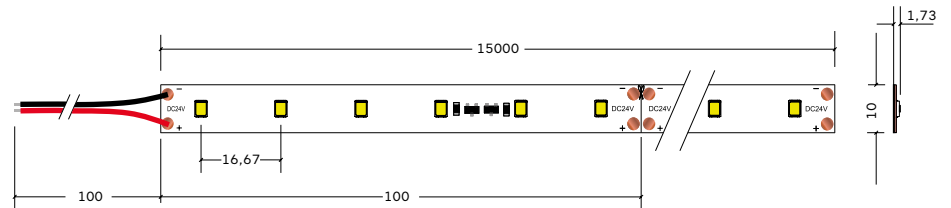
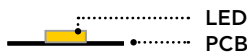
| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| <b>IP20</b>          | 131026 | CW/5700K                 | 1015             | 113                 | F   | 5206704005289 |
|                      | 131025 | NW/4000K                 | 1028             | 114                 | F   | 5206704005272 |
|                      | 131024 | WW/3000K                 | 969              | 108                 | F   | 5206704005265 |
|                      | 131023 | WW/2700K                 | 954              | 106                 | F   | 5206704005258 |
| <b>IP67</b>          | 131039 | CW/5700K                 | 969              | 108                 | F   | 5206704005418 |
|                      | 131038 | NW/4000K                 | 969              | 108                 | F   | 5206704005401 |
|                      | 131037 | WW/3000K                 | 920              | 102                 | F   | 5206704005395 |
|                      | 131036 | WW/2700K                 | 902              | 100                 | F   | 5206704005388 |

| Common Technical Specifications             |               |
|---|---------------|
| Nominal voltage:                            | 24 Vac        |
| Nominal wattage:                            | 9 W/m         |
| Beam angle:                                 | 120°          |
| CRI (Ra):                                   | >80           |
| IP protection:                              | IP20/IP67     |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 60            |
| LED pitch:                                  | 16,67 mm      |
| Smallest unit (Length):                     | 100 mm        |
| Longest unit (Length):                      | 15.000 mm     |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 15.000 mm     |
| Width:                                      | 10/12,4 mm    |
| Height:                                     | 1,73 /4,00 mm |

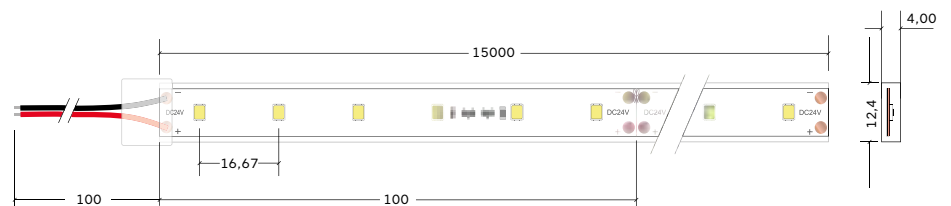
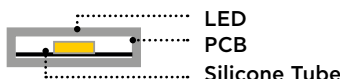
### Drawing / Dimensions



- No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion

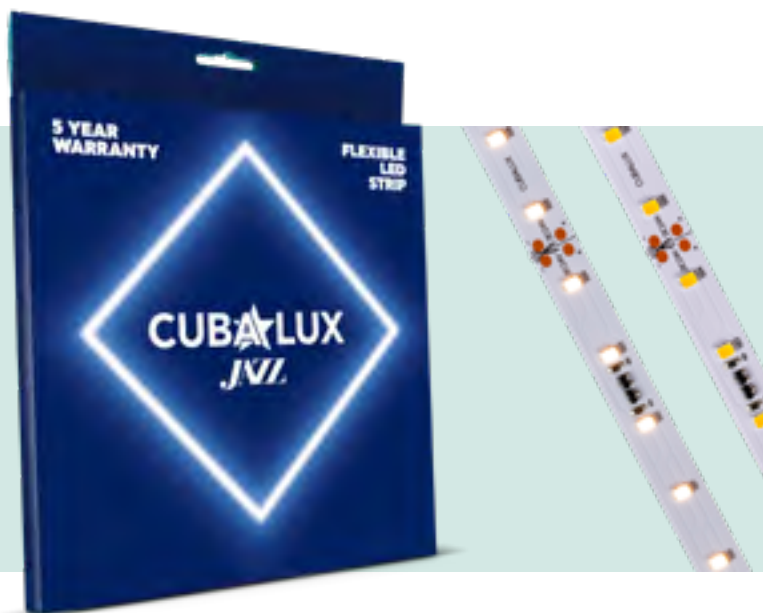


# 3 LED STRIP

## 2 Jazz

12.

24V  
12 WATT/m  
60 LED/m  
CRI 80+  
STEP<5

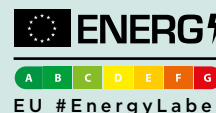


LED provided by Samsung

**5 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20 IP67**

- Longest unit with length of **15 meters**
- Voltage stabilization with **IC** on board

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 130831 | CW/5700K                 | 1391             | 116                 | F   | 5206704002486 |
|                      | 130828 | NW/4000K                 | 1388             | 116                 | F   | 5206704002455 |
|                      | 130825 | WW/3000K                 | 1310             | 109                 | F   | 5206704002424 |
|                      | 131027 | WW/2700K                 | 1282             | 107                 | F   | 5206704005296 |
| IP67                 | 131043 | CW/5700K                 | 1287             | 107                 | F   | 5206704005456 |
|                      | 131042 | NW/4000K                 | 1291             | 108                 | F   | 5206704005449 |
|                      | 131041 | WW/3000K                 | 1225             | 102                 | F   | 5206704005432 |
|                      | 131040 | WW/2700K                 | 1205             | 100                 | F   | 5206704005425 |

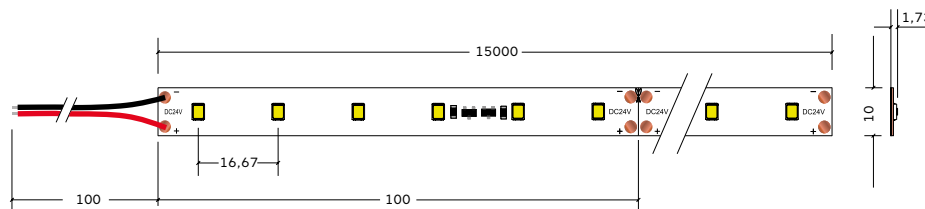
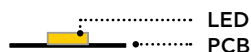
### Common Technical Specifications

|   |               |
|---|---------------|
| Nominal voltage:                            | 24 Vac        |
| Nominal wattage:                            | 12 W/m        |
| Beam angle:                                 | 120°          |
| CRI (Ra):                                   | > 80          |
| IP protection:                              | IP20/IP67     |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 60            |
| LED pitch:                                  | 16,67 mm      |
| Smallest unit (Length):                     | 100 mm        |
| Longest unit (Length):                      | 15.000 mm     |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 15.000 mm     |
| Width:                                      | 10/12,4 mm    |
| Height:                                     | 1,73/4,00 mm  |

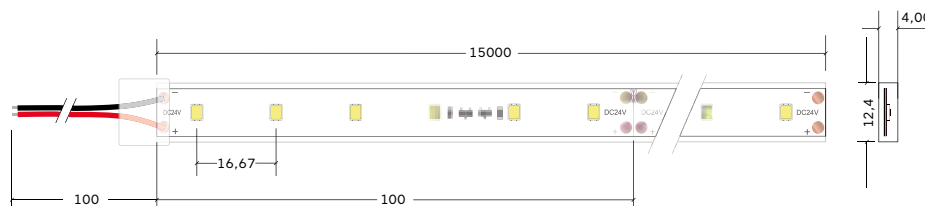
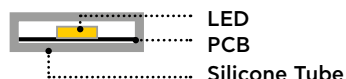
### Drawing / Dimensions



- No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion

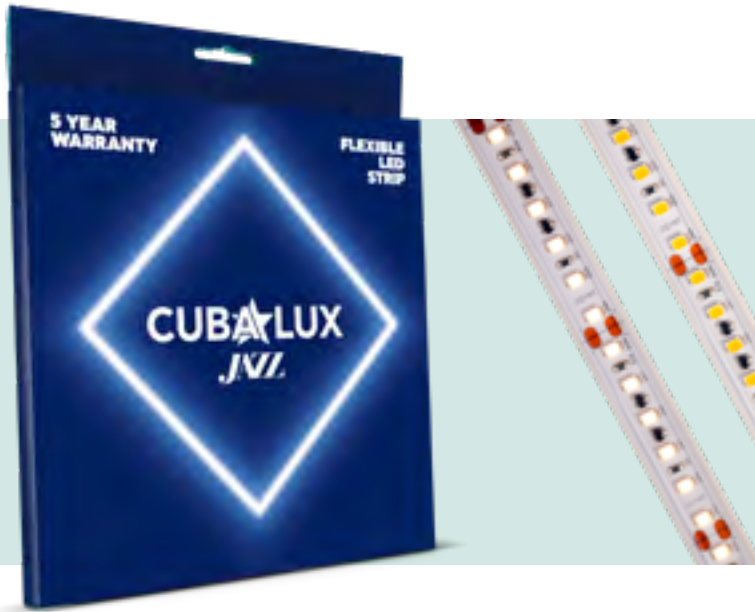


# 3 LED STRIP

## 2 Jazz

13.

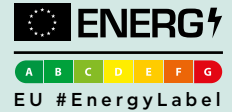
24V  
9 WATT/m  
120 LED/m  
CRI 80+  
STEP<5



LED provided by Samsung



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

IP20 IP67

- Longest unit with length of **15 meters**
- Voltage stabilization with **IC** on board

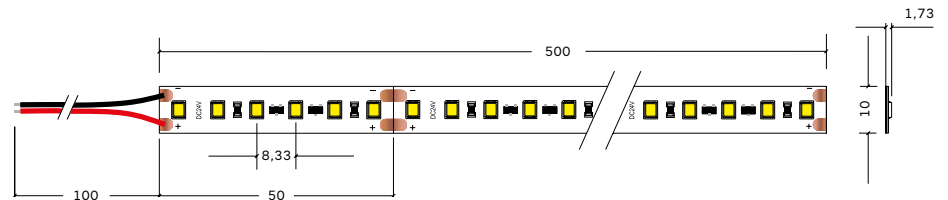
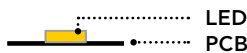
| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 132119 | CW/5700K                 | 1044             | 116                 | F   | 5206704008259 |
|                      | 132118 | NW/4000K                 | 1064             | 118                 | F   | 5206704008242 |
|                      | 132117 | WW/3000K                 | 1016             | 113                 | F   | 5206704008235 |
|                      | 132116 | WW/2700K                 | 996              | 111                 | F   | 5206704008228 |
| IP67                 | 132127 | CW/5700K                 | 986              | 109                 | F   | 5206704008334 |
|                      | 132126 | NW/4000K                 | 1006             | 112                 | F   | 5206704008327 |
|                      | 132125 | WW/3000K                 | 958              | 106                 | F   | 5206704008310 |
|                      | 132124 | WW/2700K                 | 944              | 105                 | F   | 5206704008303 |

| Common Technical Specifications             |               |
|---|---------------|
| Nominal voltage:                            | 24 Vac        |
| Nominal wattage:                            | 9 W/m         |
| Beam angle:                                 | 120°          |
| CRI (Ra):                                   | >80           |
| IP protection:                              | IP20/IP67     |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 120           |
| LED pitch:                                  | 8,33 mm       |
| Smallest unit (Length):                     | 50 mm         |
| Longest unit (Length):                      | 15.000 mm     |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 15.000 mm     |
| Width:                                      | 10/12,4 mm    |
| Height:                                     | 1,73 /4,00 mm |

### Drawing / Dimensions



- No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion



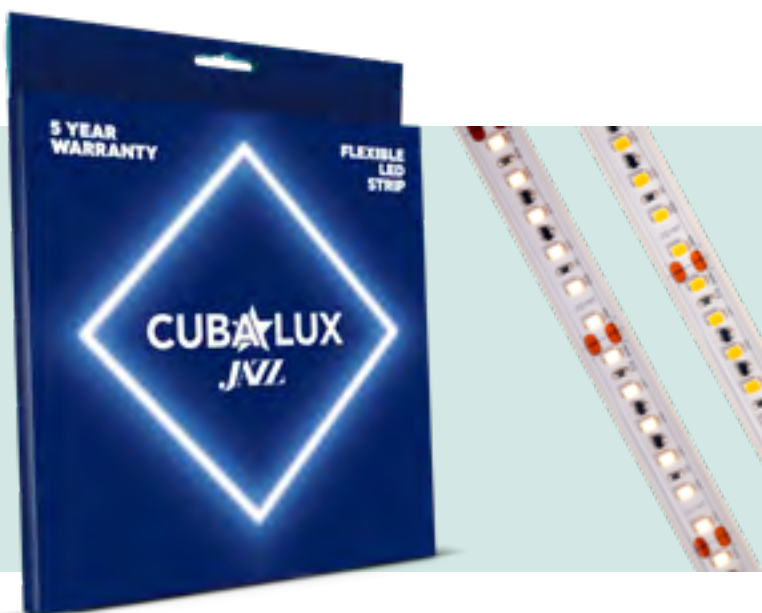


# 3 LED STRIP

## 2 Jazz

14.

24V  
12 WATT/m  
120 LED/m  
CRI 80+  
STEP<5



LED provided by Samsung

**5 YEARS WARRANTY**

**NEW! PRODUCT**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



EU #EnergyLabel



Dimming

**IP20 IP67**

- Longest unit with length of **15 meters**
- Voltage stabilization with **IC** on board

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 132123 | CW/5700K                 | 1412             | 118                 | F   | 5206704008297 |
|                      | 132122 | NW/4000K                 | 1442             | 120                 | E   | 5206704008280 |
|                      | 132121 | WW/3000K                 | 1362             | 114                 | F   | 5206704008273 |
|                      | 132120 | WW/2700K                 | 1334             | 111                 | F   | 5206704008266 |
| IP67                 | 132131 | CW/5700K                 | 1326             | 111                 | F   | 5206704008372 |
|                      | 132130 | NW/4000K                 | 1348             | 112                 | F   | 5206704008365 |
|                      | 132129 | WW/3000K                 | 1268             | 106                 | F   | 5206704008358 |
|                      | 132128 | WW/2700K                 | 1246             | 104                 | F   | 5206704008341 |

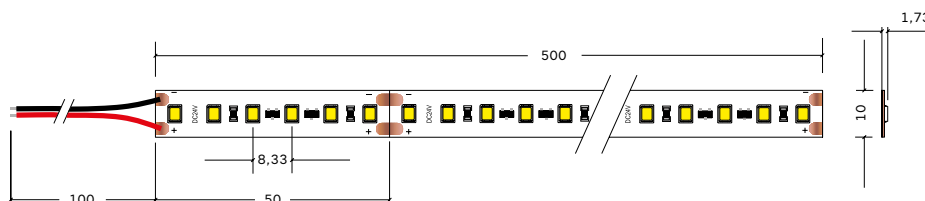
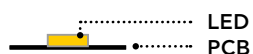
### Common Technical Specifications

|   |              |
|---|--------------|
| Nominal voltage:                            | 24 Vac       |
| Nominal wattage:                            | 12 W/m       |
| Beam angle:                                 | 120°         |
| CRI (Ra):                                   | > 80         |
| IP protection:                              | IP20/IP67    |
| Ambient temperature range (ta):             | -20... +50°C |
| Number of LEDs/m:                           | 120          |
| LED pitch:                                  | 8,33 mm      |
| Smallest unit (Length):                     | 50 mm        |
| Longest unit (Length):                      | 15.000 mm    |
| Dimmable:                                   | YES (PWM)    |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours |
| Length:                                     | 15.000 mm    |
| Width:                                      | 10/12,4 mm   |
| Height:                                     | 1,73/4,00 mm |

### Drawing / Dimensions



- No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion



# 3 LED STRIP

## 2 Jazz

15.

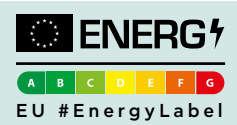
24V  
6 WATT/m  
128 LED/m  
CRI 90+  
STEP<3



LED provided by Samsung



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

IP20 IP67

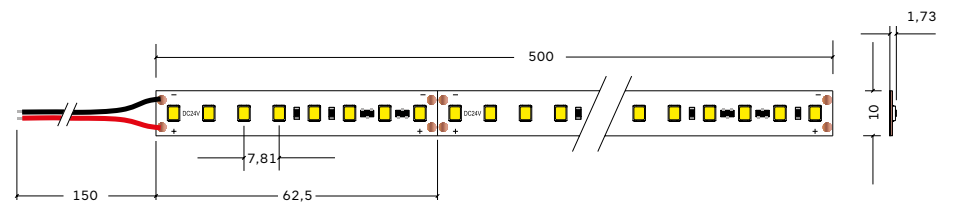
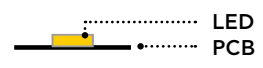
| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 132135 | CW/6500K                 | 766              | 128                 | E   | 5206704008419 |
|                      | 132134 | NW/4000K                 | 784              | 131                 | E   | 5206704008402 |
|                      | 132133 | WW/3000K                 | 744              | 124                 | E   | 5206704008396 |
|                      | 132132 | WW/2700K                 | 726              | 121                 | E   | 5206704008389 |
| IP67                 | 132147 | CW/6500K                 | 722              | 120                 | E   | 5206704008532 |
|                      | 132146 | NW/4000K                 | 742              | 124                 | E   | 5206704008525 |
|                      | 132145 | WW/3000K                 | 702              | 117                 | F   | 5206704008518 |
|                      | 132144 | WW/2700K                 | 682              | 114                 | F   | 5206704008501 |

| Common Technical Specifications             |               |
|---|---------------|
| Nominal voltage:                            | 24 Vac        |
| Nominal wattage:                            | 6 W/m         |
| Beam angle:                                 | 120°          |
| CRI (Ra):                                   | > 80          |
| IP protection:                              | IP20/IP67     |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 128           |
| LED pitch:                                  | 7,81 mm       |
| Smallest unit (Length):                     | 62,5 mm       |
| Longest unit (Length):                      | 5.000 mm      |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 5.000 mm      |
| Width:                                      | 10/12,4 mm    |
| Height:                                     | 1,73/4,00 mm  |

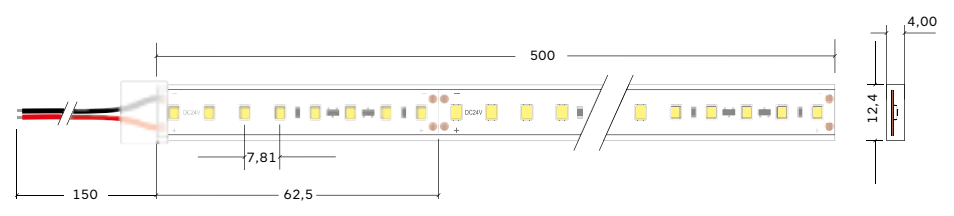
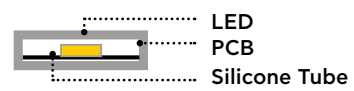
### Drawing / Dimensions



- No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion



# 3 LED STRIP

## 2 Jazz

16.

24V  
12 WATT/m  
128 LED/m  
CRI 90+  
STEP<3



LED provided by Samsung



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



A B C D E F G  
EU #EnergyLabel



Dimming

IP20 IP67

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 132139 | CW/6500K                 | 1614             | 135                 | E   | 5206704008457 |
|                      | 132138 | NW/4000K                 | 1638             | 137                 | E   | 5206704008440 |
|                      | 132137 | WW/3000K                 | 1564             | 130                 | E   | 5206704008433 |
|                      | 132136 | WW/2700K                 | 1522             | 127                 | E   | 5206704008426 |
| IP67                 | 132151 | CW/6500K                 | 1504             | 125                 | E   | 5206704008570 |
|                      | 132150 | NW/4000K                 | 1530             | 127                 | E   | 5206704008563 |
|                      | 132149 | WW/3000K                 | 1462             | 122                 | E   | 5206704008556 |
|                      | 132148 | WW/2700K                 | 1426             | 119                 | E   | 5206704008549 |

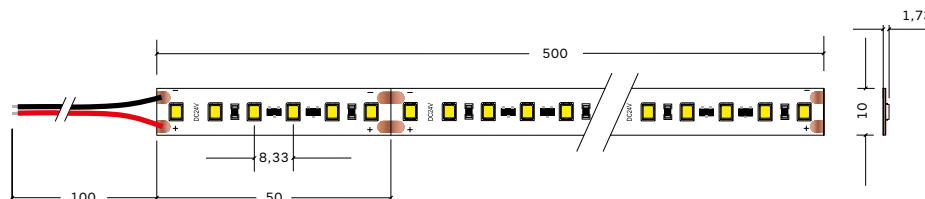
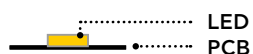
### Common Technical Specifications

|   |              |
|---|--------------|
| Nominal voltage:                            | 24 Vac       |
| Nominal wattage:                            | 12 W/m       |
| Beam angle:                                 | 120°         |
| CRI (Ra):                                   | > 90         |
| IP protection:                              | IP20/IP67    |
| Ambient temperature range (ta):             | -20... +50°C |
| Number of LEDs/m:                           | 128          |
| LED pitch:                                  | 7,81 mm      |
| Smallest unit (Length):                     | 62,5 mm      |
| Longest unit (Length):                      | 5.000 mm     |
| Dimmable:                                   | YES (PWM)    |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours |
| Length:                                     | 5.000 mm     |
| Width:                                      | 10/12,4 mm   |
| Height:                                     | 1,73/4,00 mm |

### Drawing / Dimensions



- No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion



# 3 LED STRIP

## 2 Jazz

17.

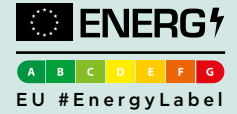
24V  
18 WATT/m  
128 LED/m  
CRI 90+  
STEP<3



LED provided by Samsung



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



IP20 IP67

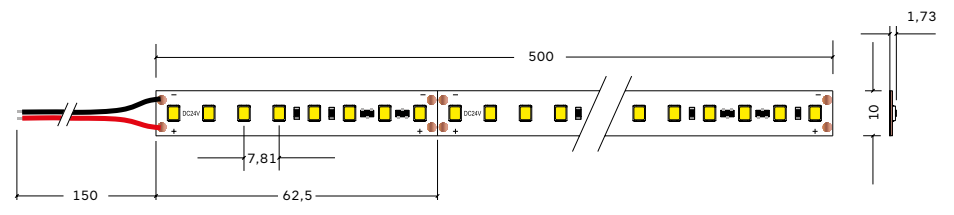
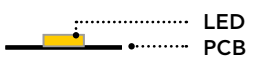
| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 132143 | CW/6500K                 | 2462             | 137                 | E   | 5206704008495 |
|                      | 132142 | NW/4000K                 | 2526             | 140                 | E   | 5206704008488 |
|                      | 132141 | WW/3000K                 | 2408             | 134                 | E   | 5206704008471 |
|                      | 132140 | WW/2700K                 | 2340             | 130                 | E   | 5206704008464 |
| IP67                 | 132155 | CW/6500K                 | 2330             | 129                 | E   | 5206704008617 |
|                      | 132154 | NW/4000K                 | 2364             | 131                 | E   | 5206704008600 |
|                      | 132153 | WW/3000K                 | 2264             | 126                 | E   | 5206704008594 |
|                      | 132152 | WW/2700K                 | 2212             | 123                 | E   | 5206704008587 |

| Common Technical Specifications             |               |
|---|---------------|
| Nominal voltage:                            | 24 Vac        |
| Nominal wattage:                            | 18 W/m        |
| Beam angle:                                 | 120°          |
| CRI (Ra):                                   | > 90          |
| IP protection:                              | IP20/IP67     |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 128           |
| LED pitch:                                  | 7,81 mm       |
| Smallest unit (Length):                     | 62,5 mm       |
| Longest unit (Length):                      | 5.000 mm      |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 5.000 mm      |
| Width:                                      | 10/12,4 mm    |
| Height:                                     | 1,73 /4,00 mm |

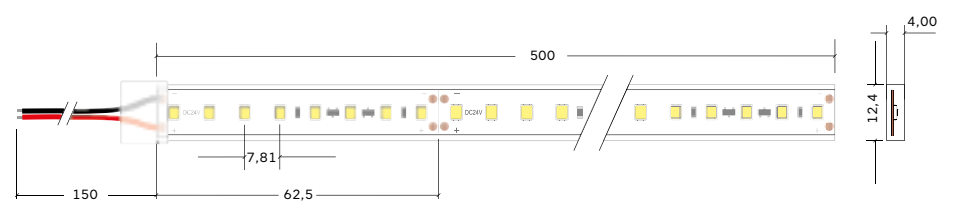
Drawing / Dimensions



- No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion



# ↪ LED TIPS



## 1 Choose the temperature of the white light that suits the area of application

|                 |       |                    |                 |       |
|-----------------|-------|--------------------|-----------------|-------|
| 2700K           | 3000K | 4000K              | 5700K           | 6500K |
| WW / WARM WHITE |       | NW / NEUTRAL WHITE | CW / COOL WHITE |       |

## 2 Choose the protection from water or moisture - dust



**IP20**  
• No protection



**IP65**  
• Protection from dust  
• Protection from moisture  
• Protection from water jets  
• Suitable for standing water



**IP67**  
• Protection from dust  
• Protection from humidity  
• Temporary water submersion



**IP68**  
• Protection from dust  
• Protection from moisture  
• Permanent water immersion  
Max. pressure 10 Kpa

## Other features LED strips

### CRI (Color Rendering Index)

A measurement that shows the degree to which the colours of the LED strip appear under solar lighting.

It is measured from 0 to 100.

- 80 | level is acceptable
- 90 | the level is excellent
- 90+ | for professional application, such as in buildings, photography and cinema. σε κτίρια, σε φωτογραφήσεις και στον κινηματογράφο.

## 3 Choose the type of LEDs from our collection

LED strip **JAZZ** CCT  Adjustable white light temperature  
↪ Page.39

LED strip **JAZZ** RGB  Adjustable light colour  
↪ Page.35

LED strip **JAZZ** RGBW  Adjustable light colours and white light temperature  
↪ Page.36

LED strip **JAZZ** Wall Washer  RGB  
↪ Page.44

LED strip **JAZZ** Neon Flex  RGBW  
↪ Page.46

LED strip **TORA** Dotless  RGB  
↪ Page.72

LED strip **TORA** Neon  COLOR  
↪ Page.80

LED strip **TORA** Neon Rondo

↪ Page.71

LED strip Neon FLEX  COLOR for Pool  
↪ Page.52

### Jazz Special Full Spectrum

↪ Page.41

### LUMEN (Brightness)

Represents the brightness of the LED strip. Indicated per meter. Usually the brighter a LED strip gets, the more expensive it is.

### High Performance Led Strip

5041 Lumens/m  
↳ 153Lumen/Watt  
↪ Page.31

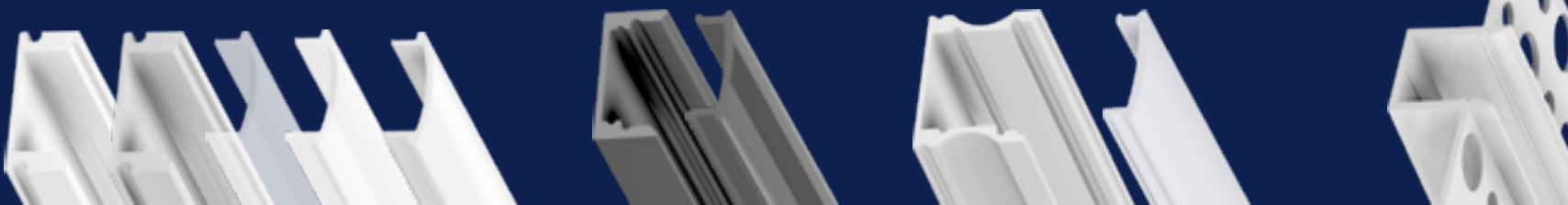
### LED strip width

In wider LED strips, heat is distributed better and therefore lifespan of the LED strip is longer

### The density of LEDs

The number of LEDs mainly affects the cost of the LED strip and is therefore a good benchmark

## 4 Choose Aluminum Profile ↪ Page.86 for better performance and longer lifespan

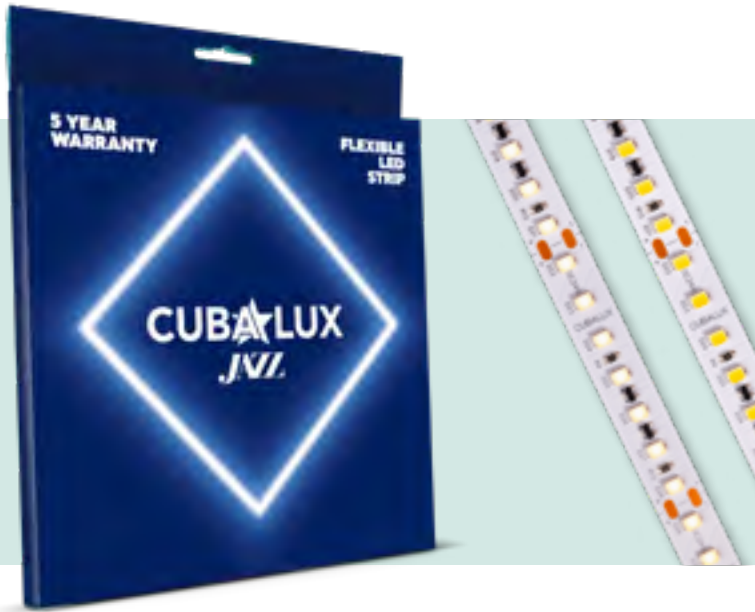


# 3 LED STRIP

## 2 Jazz

18.

24V  
6 WATT/m  
126 LED/m  
CRI 80+  
STEP<5

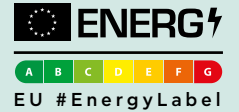


LED provided by Samsung

**5 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20**

- High performance **120 Lumens/Watt**
- Voltage stabilization with **IC** on board

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL      | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|----------|---------------|
| <b>IP20</b>          | 130956 | CW/5700K                 | 771              | 129                 | <b>E</b> | 5206704004213 |
|                      | 130957 | NW/4000K                 | 772              | 129                 | <b>E</b> | 5206704004220 |
|                      | 130958 | WW/3000K                 | 736              | 123                 | <b>E</b> | 5206704004237 |
|                      | 130982 | WW/2700K                 | 721              | 120                 | <b>E</b> | 5206704004473 |

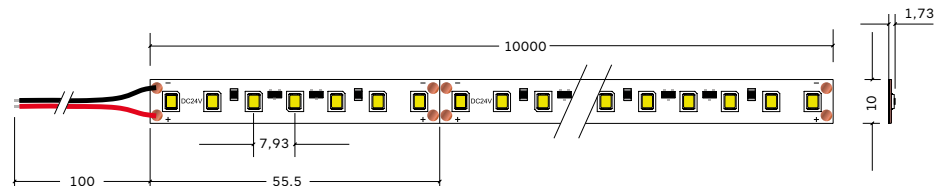
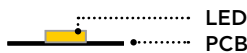
### Common Technical Specifications

|   |               |
|---|---------------|
| Nominal voltage:                            | 24 Vac        |
| Nominal wattage:                            | 6 W/m         |
| Beam angle:                                 | 120°          |
| CRI (Ra):                                   | >80           |
| IP protection:                              | IP20          |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 126           |
| LED pitch:                                  | 7,93 mm       |
| Smallest unit (Length):                     | 55,5 mm       |
| Longest unit (Length):                      | 10.000 mm     |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 5.000 mm      |
| Width:                                      | 10 mm         |
| Height:                                     | 1,73 mm       |

### Drawing / Dimensions



- No protection



# 3 LED STRIP

## 2 Jazz

19.

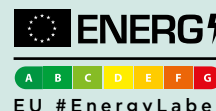
24V  
12 WATT/m  
126 LED/m  
CRI 80+  
STEP<5



LED provided by Samsung



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

IP20

- High performance **120 Lumens/Watt**
- Voltage stabilization with **IC** on board

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 130866 | CW/5700K                 | 1547             | 129                 | E   | 5206704003339 |
|                      | 130867 | NW/4000K                 | 1547             | 129                 | E   | 5206704003322 |
|                      | 130868 | WW/3000K                 | 1470             | 122                 | E   | 5206704003315 |
|                      | 130983 | WW/2700K                 | 1435             | 120                 | E   | 5206704004480 |

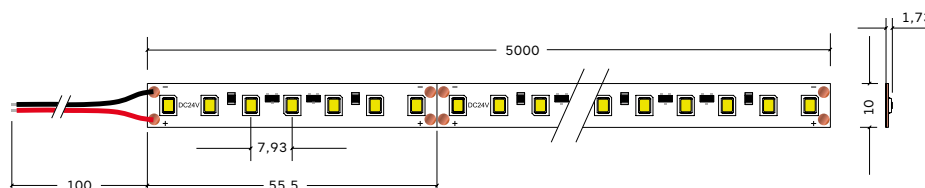
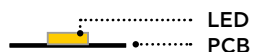
### Common Technical Specifications

|   |               |
|---|---------------|
| Nominal voltage:                            | 24 Vac        |
| Nominal wattage:                            | 12 W/m        |
| Beam angle:                                 | 120°          |
| CRI (Ra):                                   | > 80          |
| IP protection:                              | IP20          |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 126           |
| LED pitch:                                  | 7,93 mm       |
| Smallest unit (Length):                     | 55,5 mm       |
| Longest unit (Length):                      | 10.000 mm     |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 5.000 mm      |
| Width:                                      | 10 mm         |
| Height:                                     | 1,73mm        |

### Drawing / Dimensions



- No protection

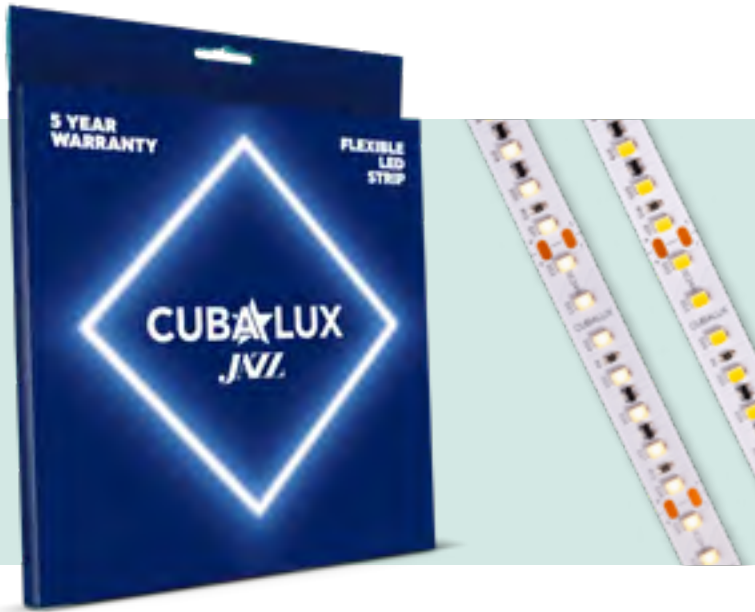


# 3 LED STRIP

## 2 Jazz

20.

24V  
18 WATT/m  
126 LED/m  
CRI 80+  
STEP<5

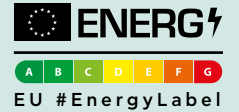


LED provided by Samsung

**5 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20**

- High performance **120 Lumens/Watt**
- Voltage stabilization with **IC** on board

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| <b>IP20</b>          | 130980 | CW/5700K                 | 2323             | 129                 | E   | 5206704004374 |
|                      | 130979 | NW/4000K                 | 2331             | 130                 | E   | 5206704004381 |
|                      | 130978 | WW/3000K                 | 2224             | 124                 | E   | 5206704004398 |
|                      | 130984 | WW/2700K                 | 2154             | 120                 | E   | 5206704004497 |

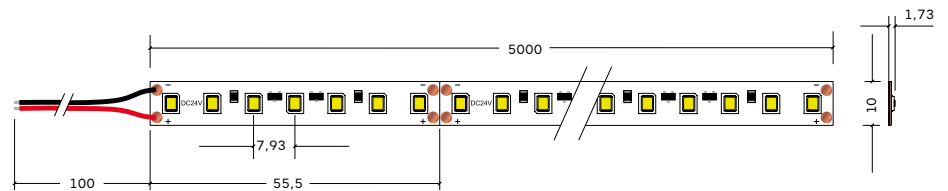
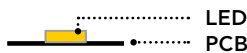
### Common Technical Specifications

|   |               |
|---|---------------|
| Nominal voltage:                            | 24 Vac        |
| Nominal wattage:                            | 18 W/m        |
| Beam angle:                                 | 120°          |
| CRI (Ra):                                   | >80           |
| IP protection:                              | IP20          |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 126           |
| LED pitch:                                  | 7,93 mm       |
| Smallest unit (Length):                     | 55,5 mm       |
| Longest unit (Length):                      | 10.000 mm     |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 5.000 mm      |
| Width:                                      | 10 mm         |
| Height:                                     | 1,73 mm       |

### Drawing / Dimensions



- No protection



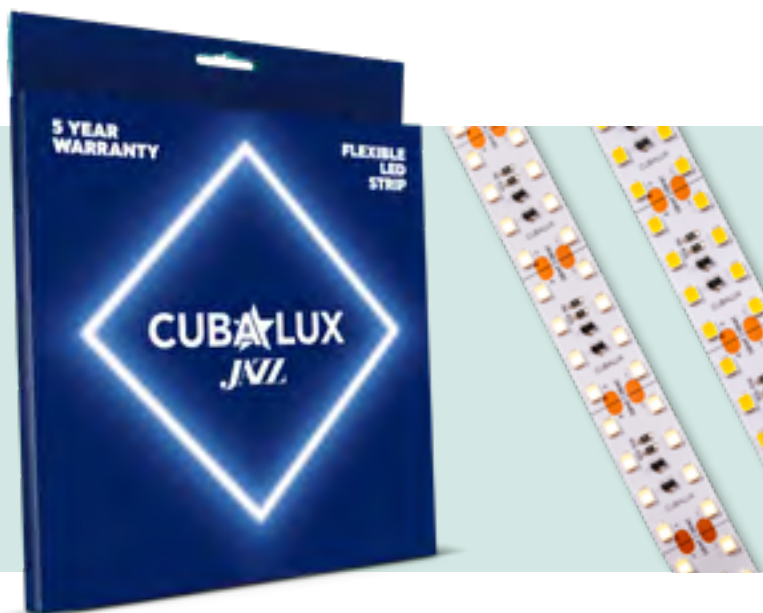


# 3 LED STRIP

## 2 Jazz

21.

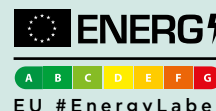
24V  
30 WATT/m  
256 LED/m  
CRI 80+  
STEP<3



LED provided by Samsung



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

IP20

- High performance **153 Lumens/Watt**
- Voltage stabilization with **IC** on board

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 131065 | CW/6500K                 | 4972             | 166                 | D   | 5206704005586 |
|                      | 131066 | NW/4000K                 | 5041             | 168                 | D   | 5206704005593 |
|                      | 131067 | WW/3000K                 | 4802             | 160                 | D   | 5206704005609 |
|                      | 131068 | WW/2700K                 | 4656             | 155                 | D   | 5206704005616 |

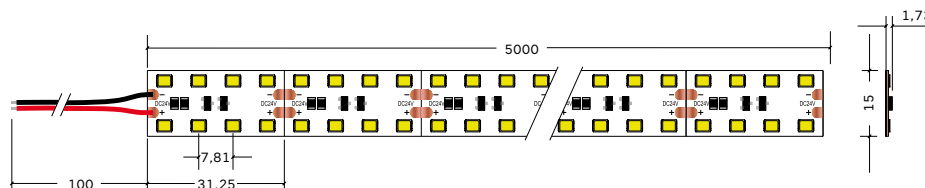
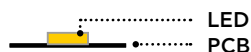
### Common Technical Specifications

|   |              |
|---|--------------|
| Nominal voltage:                            | 24 Vac       |
| Nominal wattage:                            | 30 W/m       |
| Beam angle:                                 | 120°         |
| CRI (Ra):                                   | > 80         |
| IP protection:                              | IP20         |
| Ambient temperature range (ta):             | -20... +50°C |
| Number of LEDs/m:                           | 256          |
| LED pitch:                                  | 7,81 mm      |
| Smallest unit (Length):                     | 31,25 mm     |
| Longest unit (Length):                      | 5.000 mm     |
| Dimmable:                                   | YES (PWM)    |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours |
| Length:                                     | 5.000 mm     |
| Width:                                      | 15 mm        |
| Height:                                     | 1,73 mm      |

### Drawing / Dimensions



- No protection



# 3 LED STRIP

## 2 Jazz

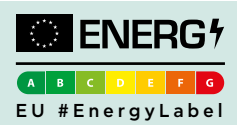
22.

48V  
6 WATT/m  
80 LED/m  
CRI 90+  
STEP<5



LED provided by Samsung

**5 YEARS WARRANTY**



Dimming

**IP20 IP67**

- Longest unit with length of **50 meters**
- Voltage stabilization with **IC** on board

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| <b>IP20</b>          | 130989 | CW/5700K                 | 540              | 90                  | G   | 5206704004541 |
|                      | 130988 | NW/4000K                 | 510              | 85                  | G   | 5206704004534 |
|                      | 130987 | WW/3000K                 | 480              | 80                  | G   | 5206704004527 |
| <b>IP67</b>          | 130998 | CW/5700K                 | 540              | 90                  | G   | 5206704004633 |
|                      | 130997 | NW/4000K                 | 510              | 85                  | G   | 5206704004626 |
|                      | 130996 | WW/3000K                 | 480              | 80                  | G   | 5206704004619 |

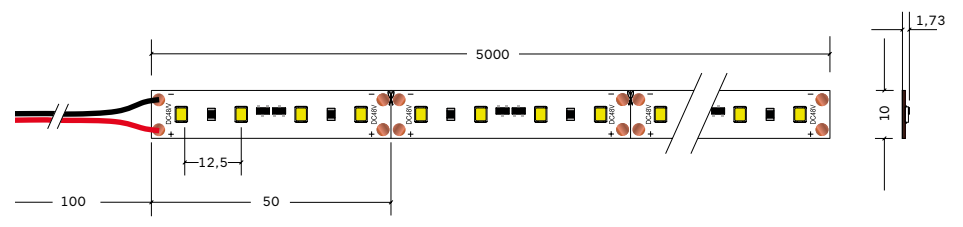
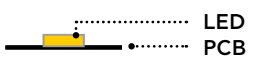
### Common Technical Specifications

|   |               |
|---|---------------|
| Nominal voltage:                            | 48 Vdc        |
| Nominal wattage:                            | 6 W/m         |
| Beam angle:                                 | 120°          |
| CRI (Ra):                                   | >90           |
| IP protection:                              | IP20/IP67     |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 80            |
| LED pitch:                                  | 12,5 mm       |
| Smallest unit (Length):                     | 50 mm         |
| Longest unit (Length):                      | 50.000 mm     |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 5.000 mm      |
| Width:                                      | 10/12,4 mm    |
| Height:                                     | 1,73/4,00 mm  |

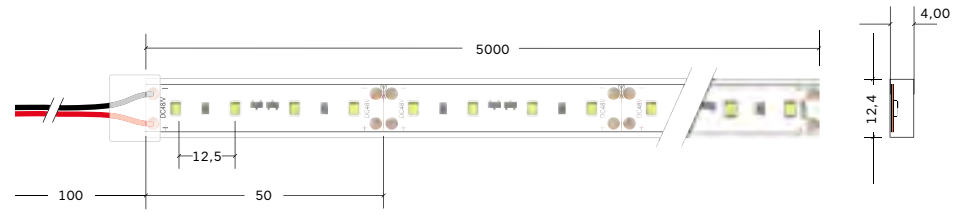
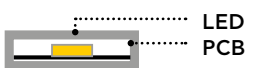
### Drawing / Dimensions



- No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion



# 3 LED STRIP

## 2 Jazz

23.

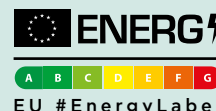
48V  
12 WATT/m  
80 LED/m  
CRI 90+  
STEP<5



LED provided by Samsung



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

IP20 IP67

- Longest unit with length of **30 meters**
- Voltage stabilization with **IC** on board

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 130992 | CW/5700K                 | 1080             | 90                  | G   | 5206704004572 |
|                      | 130991 | NW/4000K                 | 1020             | 85                  | G   | 5206704004565 |
|                      | 130990 | WW/3000K                 | 960              | 80                  | G   | 5206704004558 |
| IP67                 | 131001 | CW/5700K                 | 1080             | 90                  | G   | 5206704004664 |
|                      | 131000 | NW/4000K                 | 1020             | 85                  | G   | 5206704004657 |
|                      | 130999 | WW/3000K                 | 960              | 80                  | G   | 5206704004640 |

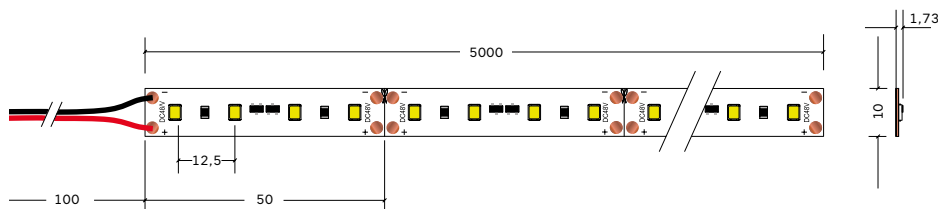
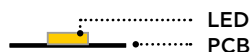
### Common Technical Specifications

|   |               |
|---|---------------|
| Nominal voltage:                            | 48 Vdc        |
| Nominal wattage:                            | 12 W/m        |
| Beam angle:                                 | 120°          |
| CRI (Ra):                                   | > 90          |
| IP protection:                              | IP20/IP67     |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 80            |
| LED pitch:                                  | 12,5 mm       |
| Smallest unit (Length):                     | 50 mm         |
| Longest unit (Length):                      | 30.000 mm     |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 5.000 mm      |
| Width:                                      | 10/12,4 mm    |
| Height:                                     | 1,73/4,00 mm  |

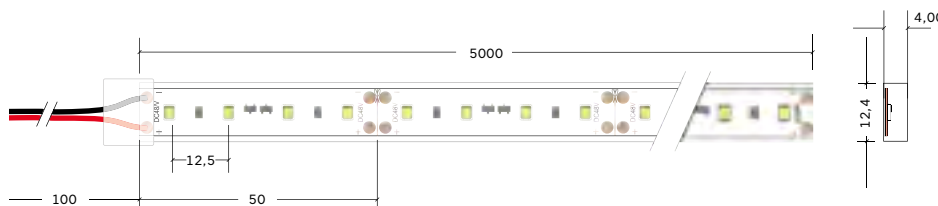
### Drawing / Dimensions



- No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion



# 3 LED STRIP

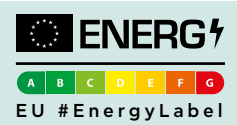
## 2 Jazz

24.

48V  
18 WATT/m  
80 LED/m  
CRI 90+  
STEP<5



LED provided by Samsung



IP20 IP67

- Longest unit with length of 20 meters
- Voltage stabilization with IC on board

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 130995 | CW/5700K                 | 1620             | 90                  | G   | 5206704004602 |
|                      | 130994 | NW/4000K                 | 1530             | 85                  | G   | 5206704004596 |
|                      | 130993 | WW/3000K                 | 1440             | 80                  | G   | 5206704004589 |
| IP67                 | 131004 | CW/5700K                 | 1620             | 90                  | G   | 5206704004695 |
|                      | 131003 | NW/4000K                 | 1530             | 85                  | G   | 5206704004688 |
|                      | 131002 | WW/3000K                 | 1440             | 80                  | G   | 5206704004671 |

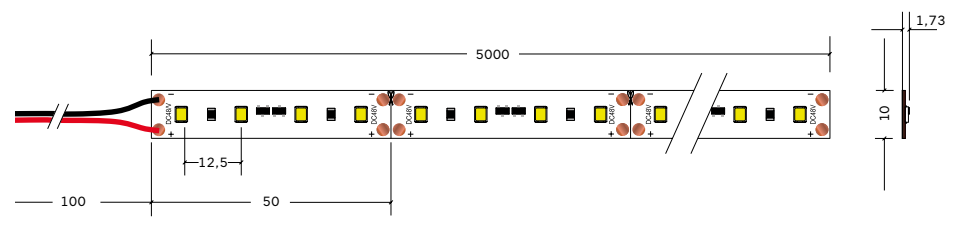
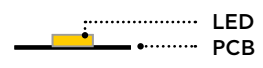
### Common Technical Specifications

|   |               |
|---|---------------|
| Nominal voltage:                            | 48 Vdc        |
| Nominal wattage:                            | 18 W/m        |
| Beam angle:                                 | 120°          |
| CRI (Ra):                                   | >90           |
| IP protection:                              | IP20/IP67     |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 80            |
| LED pitch:                                  | 12,5 mm       |
| Smallest unit (Length):                     | 50 mm         |
| Longest unit (Length):                      | 20.000 mm     |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 5.000 mm      |
| Width:                                      | 10/12,4 mm    |
| Height:                                     | 1,73/1,50 mm  |

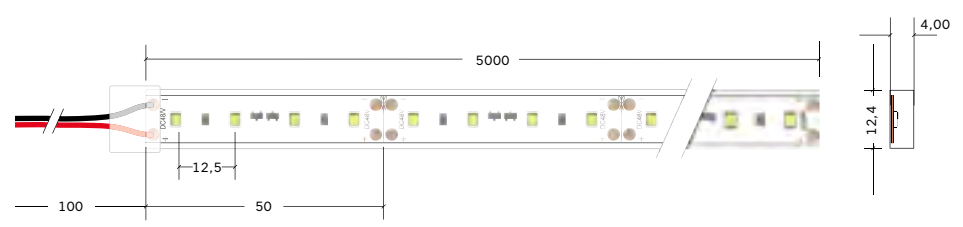
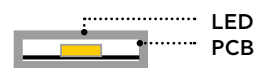
### Drawing / Dimensions



- No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion



# 3 LED STRIP

## 3 Jazz RGB

25.

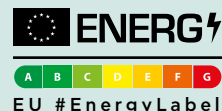
24V  
18 WATT/m  
120 LED/m



**5 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming



RGB

**IP20 IP68**

• High LED density **120 LED/m**

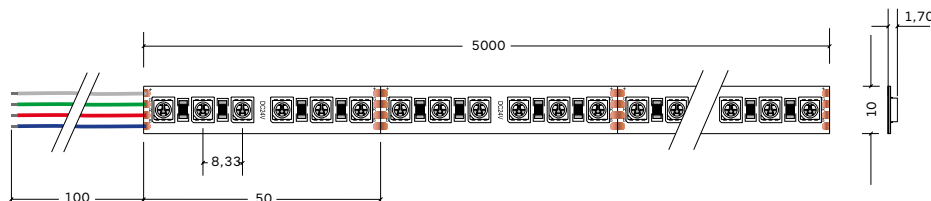
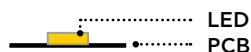
| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EAN           | Common Technical Specifications               |
|----------------------|--------|--------------------------|------------------|---------------------|---------------|---|
| <b>IP20</b>          | 131044 | RED/623 (+/-5)           | 196              | 36                  | 5206704005470 | Nominal voltage: 24 Vdc                       |
|                      |        | GREEN/520 (+/-5)         | 525              | 84                  |               | Nominal wattage: 18 W/m                       |
|                      |        | BLUE/465 (+/-5)          | 125              | 20                  |               | Beam angle: 120°                              |
| <b>IP68</b>          | 131045 | RED/623 (+/-5)           | 151              | 27                  | 5206704005487 | IP protection: IP20/IP68                      |
|                      |        | GREEN/520 (+/-5)         | 422              | 68                  |               | Ambient temperature range (ta): -20 ... +50°C |
|                      |        | BLUE/465 (+/-5)          | 97               | 16                  |               | Number of LEDs/m: 120                         |

|   |               |
|---|---------------|
| Nominal voltage:                            | 24 Vdc        |
| Nominal wattage:                            | 18 W/m        |
| Beam angle:                                 | 120°          |
| IP protection:                              | IP20/IP68     |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 120           |
| LED pitch:                                  | 8,33 mm       |
| Smallest unit (Length):                     | 50 mm         |
| Longest unit (Length):                      | 5.000 mm      |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 5.000 mm      |
| Width:                                      | 10/12,2 mm    |
| Height:                                     | 2,30/4,50 mm  |

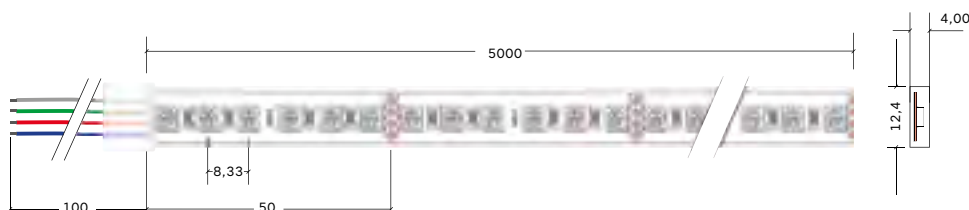
### Drawing / Dimensions



• No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion



# 3 LED STRIP

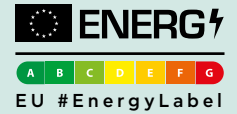
## 4 Jazz RGBW

26.

24V  
11,5 WATT/m  
60 LED/m



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming



RGBW

**IP20 IP67**

• 15m continuous operation

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|---------------|
| IP20                 | 132172 | RED/623 (+/-5)           | 92               | 32                  | 5206704009935 |
|                      |        | GREEN/520 (+/-5)         | 207              | 72                  |               |
|                      |        | BLUE/465 (+/-5)          | 46               | 16                  |               |
|                      |        | WW/3000K                 | 255              | 89                  |               |
| IP67                 | 132173 | RED/623 (+/-5)           | 87               | 30                  | 5206704009942 |
|                      |        | GREEN/520 (+/-5)         | 196              | 68                  |               |
|                      |        | BLUE/465 (+/-5)          | 43               | 15                  |               |
|                      |        | WW/3000K                 | 242              | 84                  |               |

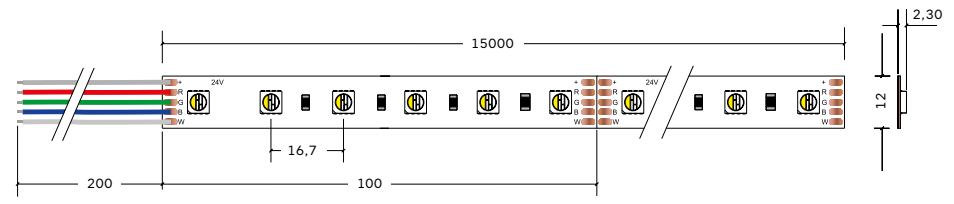
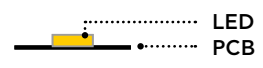
### Common Technical Specifications

|   |               |
|---|---------------|
| Nominal voltage:                            | 24 Vdc        |
| Nominal wattage:                            | 11,5 W/m      |
| Beam angle:                                 | 120°          |
| IP protection:                              | IP20/IP67     |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 60            |
| LED pitch:                                  | 16,7 mm       |
| Smallest unit (Length):                     | 100 mm        |
| Longest unit (Length):                      | 15.000 mm     |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 15.000 mm     |
| Width:                                      | 12/14 mm      |
| Height:                                     | 2,30/5,00 mm  |

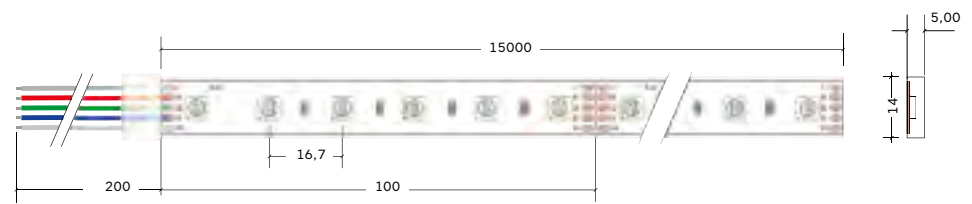
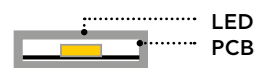
### Drawing / Dimensions



• No protection



• Protection from dust  
• Protection from humidity  
• Temporary water submersion

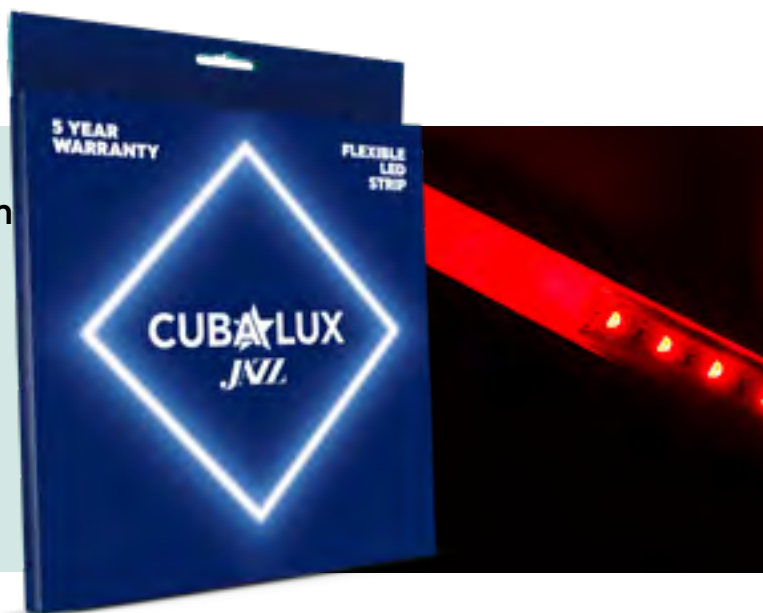


# 3 LED STRIP

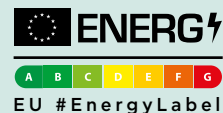
## 4 Jazz RGBW

27.

24V  
19,2 WATT/m  
60 LED/m  
CRI 80+



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming



RGBW

IP20

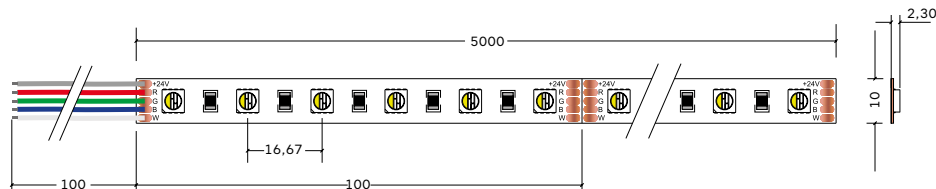
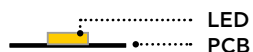
| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|---------------|
| IP20                 | 130653 | RED/623 (+/-5)           | 162              | 34                  | 5206704001410 |
|                      |        | GREEN/520 (+/-5)         | 326              | 68                  |               |
|                      |        | BLUE/465 (+/-5)          | 75               | 16                  |               |
|                      |        | WW/3000K                 | 476              | 99                  |               |

| Common Technical Specifications             |               |
|---|---------------|
| Nominal voltage:                            | 24 Vdc        |
| Nominal wattage:                            | 19,2 W/m      |
| Beam angle:                                 | 120°          |
| CRI (Ra):                                   | > 80          |
| IP protection:                              | IP20          |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 60            |
| LED pitch:                                  | 16,67 mm      |
| Smallest unit (Length):                     | 100 mm        |
| Longest unit (Length):                      | 5.000 mm      |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 5.000 mm      |
| Width:                                      | 10 mm         |
| Height:                                     | 2,30 mm       |

### Drawing / Dimensions



• No protection



# 3 LED STRIP

## 5 Jazz Special

### 28. Food Light

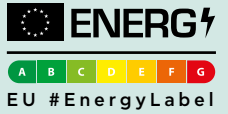
24V  
12 WATT/m  
128 LED/m  
CRI 90+



**5 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20 IP65**

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEI      | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|----------|---------------|
| <b>IP65</b>          | 130549 | PINK/2000K (MEAT)        | 1046             | 87                  | <b>G</b> | 5206704003346 |
| <b>IP20</b>          | 130550 | AMBER/2300K (BREAD)      | 1226             | 102                 | <b>F</b> | 5206704003360 |
| <b>IP65</b>          | 130561 | CW/5600K (VEGETABLES)    | 1452             | 121                 | <b>E</b> | 5206704003353 |

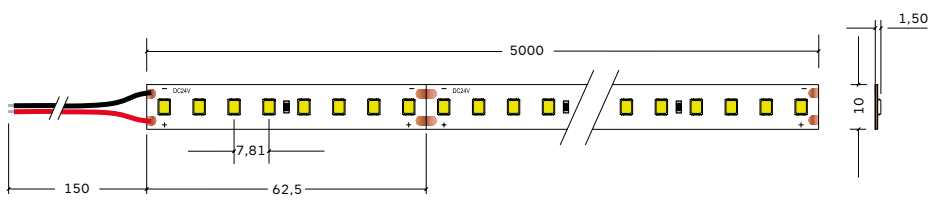
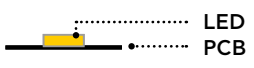
#### Common Technical Specifications

|   |               |
|---|---------------|
| Nominal voltage:                            | 24 Vdc        |
| Nominal wattage:                            | 12 W/m        |
| Beam angle:                                 | 120°          |
| CRI (Ra):                                   | > 90          |
| IP protection:                              | IP20/IP65     |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 128           |
| LED pitch:                                  | 7,81 mm       |
| Smallest unit (Length):                     | 62,5 mm       |
| Longest unit (Length):                      | 5.000 mm      |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 5.000 mm      |
| Width:                                      | 10 mm         |
| Height:                                     | 1,50 mm       |

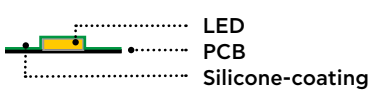
#### Drawing / Dimensions



- No protection



- Protection from dust
- Protection from moisture
- Protection from water jets
- Unsuitable for standing water



Food LED strip  
**CUBALUX**  
CRI>90



Common LED strip





# 3 LED STRIP

## 5 Jazz Special

29. CCT

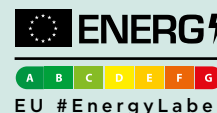
24V  
24 WATT/m  
140 LED/m  
CRI 80+  
STEP<3



LED provided by Samsung



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming



CCT

IP20

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 131017 | CW/6500K                 | 1635             | 136                 |     | 5206704005463 |
|                      |        | WW/2700K                 | 1503             | 125                 |     |               |

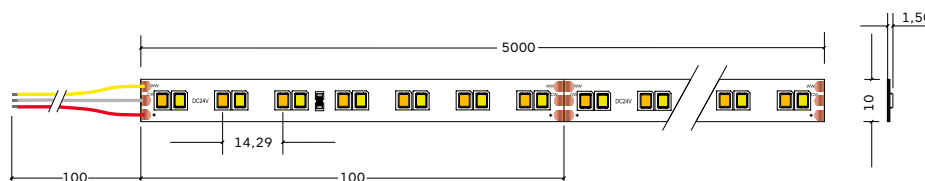
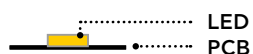
### Common Technical Specifications

|   |                   |
|---|-------------------|
| Nominal voltage:                            | 24 Vdc            |
| Nominal wattage:                            | 24 W/m (2x12 W/m) |
| Beam angle:                                 | 120°              |
| CRI (Ra):                                   | > 80              |
| IP protection:                              | IP20              |
| Ambient temperature range (ta):             | -20... +50°C      |
| Number of LEDs/m:                           | 140 (2x70)        |
| LED pitch:                                  | 14,29 mm          |
| Smallest unit (Length):                     | 100 mm            |
| Longest unit (Length):                      | 5.000 mm          |
| Dimmable:                                   | YES (PWM)         |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours      |
| Length:                                     | 5.000 mm          |
| Width:                                      | 10 mm             |
| Height:                                     | 1,50 mm           |

### Drawing / Dimensions



• No protection



# 3 LED STRIP

## 5 Jazz Special

### 30. DIM to Warm

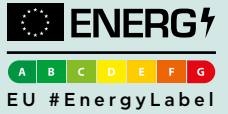
24V  
 14,4 WATT/m  
 120 LED/m  
 CRI 90+  
 STEP<3



**5 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
 EN 55015:2013/A1:2015  
 EN61547:2009



Dimming



DIM to Warm

**IP20**

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin)       | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 131173 | CW/3500K<br>DIM to<br>WW/2300K | 1358             | 94                  | F   | 5206704006750 |

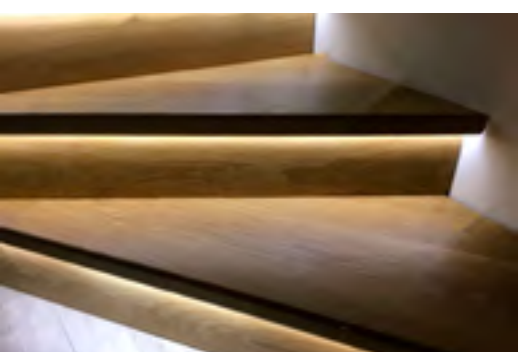
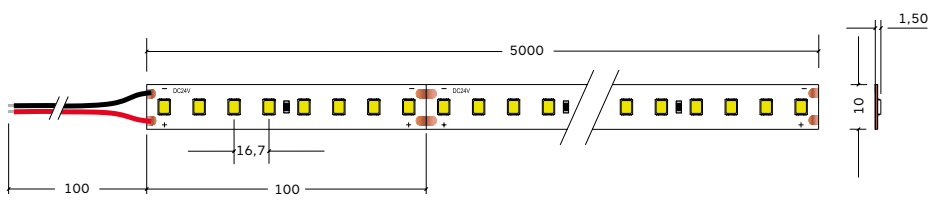
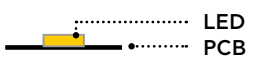
#### Common Technical Specifications

|                                 |               |
|---------------------------------|---------------|
| Nominal voltage:                | 24 Vdc        |
| Nominal wattage:                | 14,4 W/m      |
| Beam angle:                     | 120°          |
| CRI (Ra):                       | > 90          |
| IP protection:                  | IP20          |
| Ambient temperature range (ta): | -20 ... +50°C |
| Number of LEDs/m:               | 120 (2x60)    |
| LED pitch:                      | 16,7 mm       |
| Smallest unit (Length):         | 100 mm        |
| Longest unit (Length):          | 5.000 mm      |
| Dimmable:                       | YES (PWM)     |
| Lifespan (L <sub>70B30</sub> )  | 50.000 hours  |
| Length:                         | 5.000 mm      |
| Width:                          | 10 mm         |
| Height:                         | 1,50 mm       |

#### Drawing / Dimensions



• No protection



# 3 LED STRIP

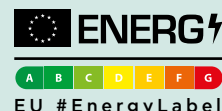
## 5 Jazz Special

### 31. Full Spectrum

24V  
**14,4 WATT/m**  
 140 LED/m  
**CRI 95+**  
**STEP<3**



EN 62031 :2008/A2:2015  
 EN 55015:2013/A1:2015  
 EN61547:2009



Dimming

**IP20**

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| <b>IP20</b>          | 132159 | CW/4000K                 | 1526             | 106                 | F   | 5206704009652 |
|                      | 132158 | NW/3000K                 | 1425             | 99                  | F   | 5206704009669 |
|                      | 132157 | WW/2700K                 | 1382             | 96                  | F   | 5206704009676 |
|                      | 132156 | WW/2400K                 | 1152             | 80                  | G   | 5206704009683 |

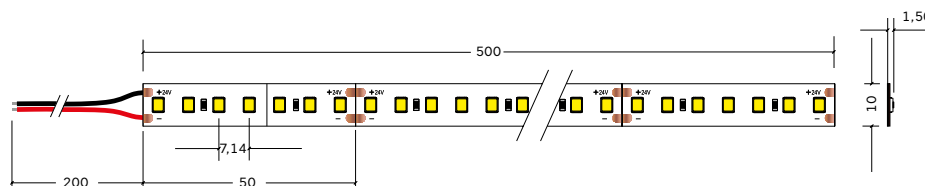
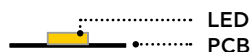
| Common Technical Specifications |               |
|---------------------------------|---------------|
| Nominal voltage:                | 24 Vdc        |
| Nominal wattage:                | 14,4 W/m      |
| Beam angle:                     | 120°          |
| CRI (Ra):                       | >95           |
| IP protection:                  | IP20          |
| Ambient temperature range (ta): | -20 ... +50°C |
| Number of LEDs/m:               | 140           |
| LED pitch:                      | 50 mm         |
| Longest unit (Length):          | 5.000 mm      |
| Dimmable:                       | YES (PWM)     |
| Lifespan (L <sub>70B30</sub> )  | 50.000 hours  |
| Length:                         | 5.000 mm      |
| Width:                          | 10 mm         |
| Height:                         | 1,50 mm       |

- Excellent color performance capability by adopting full-spectrum white LED, with standard parameters:
- Ra (average R1-R8)=97
- Ra (average R1-R15)=95
- R9>90
- Rf (Fidelity Index)=95
- Rg (Relative Gamut Index)=100
- TLCI (Television lighting Consistency Index)=97

#### Drawing / Dimensions



• No protection



# 3 LED STRIP

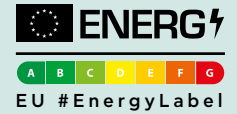
## 5 Jazz Special

### 32. Side View

24V  
 14,4 WATT/m  
 140 LED/m  
 CRI 80+  
 STEP<3



EN 62031 :2008/A2:2015  
 EN 55015:2013/A1:2015  
 EN61547:2009



Dimming

IP20

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 132163 | CW/6500K                 | 1929             | 134                 | E   | 5206704009720 |
|                      | 132162 | NW/4000K                 | 1958             | 136                 | E   | 5206704009713 |
|                      | 132161 | WW/3000K                 | 1886             | 131                 | E   | 5206704009706 |
|                      | 132160 | WW/2700K                 | 1857             | 129                 | E   | 5206704009690 |

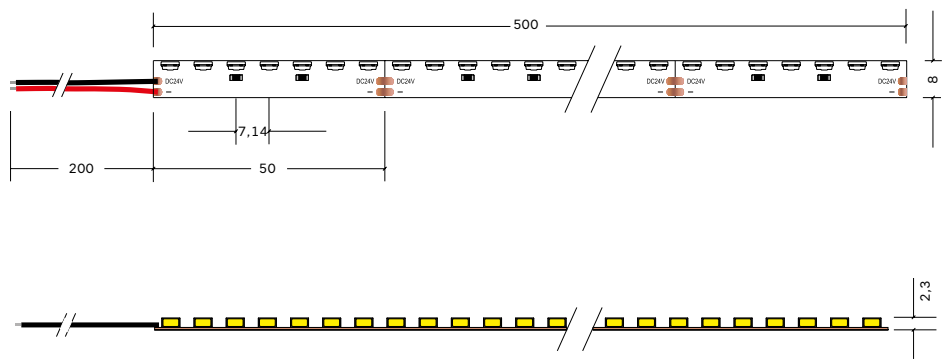
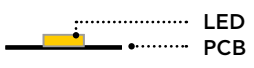
#### Common Technical Specifications

|   |               |
|---|---------------|
| Nominal voltage:                            | 24 Vdc        |
| Nominal wattage:                            | 14,4 W/m      |
| Beam angle:                                 | 120°          |
| CRI (Ra):                                   | > 80          |
| IP protection:                              | IP20          |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 140           |
| LED pitch:                                  | 50 mm         |
| Longest unit (Length):                      | 5.000 mm      |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 5.000 mm      |
| Width:                                      | 8 mm          |
| Height:                                     | 2,30 mm       |

#### Drawing / Dimensions



• No protection

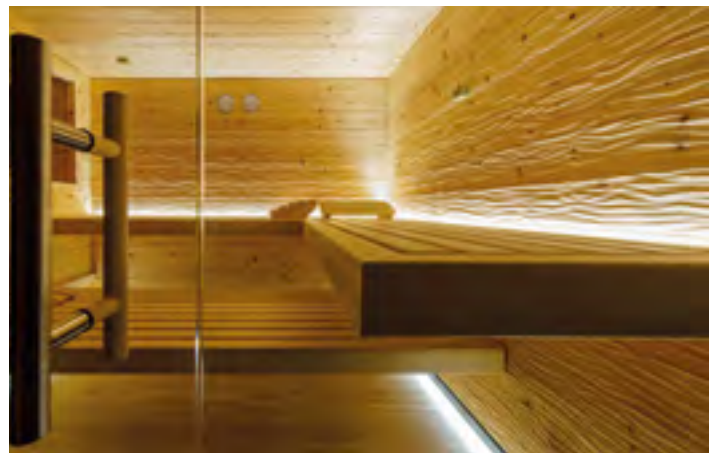


# 3 LED STRIP

## 5 Jazz Special

### 33. Sauna Room

24V  
 9,6 WATT/m  
 126 LED/m  
 CRI 80+  
 STEP<3



5 YEARS WARRANTY

NEW! PRODUCT

EN 62031 :2008/A2:2015  
 EN 55015:2013/A1:2015  
 EN61547:2009

EU #EnergyLabel

Dimming

High Temp Res.

# IP67+

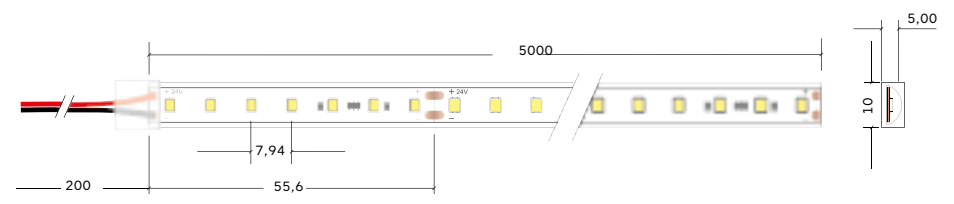
| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| <b>IP67+</b>         | 132166 | CW/4000K                 | 1411             | 147                 |     | 5206704009737 |
|                      | 132165 | NW/3000K                 | 1353             | 141                 |     | 5206704009744 |
|                      | 132164 | WW/2700K                 | 1324             | 138                 |     | 5206704009751 |

| Common Technical Specifications             |                |
|---|----------------|
| Nominal voltage:                            | 24 Vdc         |
| Nominal wattage:                            | 9,6 W/m        |
| Beam angle:                                 | 120°           |
| CRI (Ra):                                   | >80            |
| IP protection:                              | IP67+          |
| Ambient temperature range (ta):             | -25 ... +100°C |
| Number of LEDs/m:                           | 126            |
| LED pitch:                                  | 55,6 mm        |
| Longest unit (Length):                      | 5.000 mm       |
| Dimmable:                                   | YES (PWM)      |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours   |
| Length:                                     | 5.000 mm       |
| Width:                                      | 10 mm          |
| Height:                                     | 5 mm           |

#### Drawing / Dimensions



- Protection from dust
- Protection from moisture
- Temporary water submersion



# 3 LED STRIP

## 5 Jazz Special

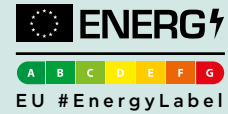
### 34. Wall Washer

LED provided by Samsung

24V  
18 WATT/m  
42 LED/m  
CRI 90+  
STEP <5





**5 YEARS WARRANTY**



**IP67**

• Available in 1m length. Available in different sizes on request with a maximum of 5m.

| Beam Angle   | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|--|--------|--------------------------|------------------|---------------------|-----|---------------|
| 30°<br>     | 132003 | CW/6500K                 | 2088             | 116                 | F   | 5206704006019 |
|  | 132002 | NW/4000K                 | 2088             | 116                 | F   | 5206704006002 |
|  | 132001 | WW/3000K                 | 2034             | 113                 | F   | 5206704005999 |
|  | 132000 | WW/2700K                 | 1980             | 110                 | F   | 5206704005982 |
| 20°x45°<br> | 132007 | CW/6500K                 | 2088             | 116                 | F   | 5206704006057 |
|  | 132006 | NW/4000K                 | 2088             | 116                 | F   | 5206704006040 |
|  | 132005 | WW/3000K                 | 2034             | 113                 | F   | 5206704006033 |
|  | 132004 | WW/2700K                 | 1980             | 110                 | F   | 5206704006026 |

| Common Technical Specifications             |               |
|---|---------------|
| Nominal voltage:                            | 24 Vdc        |
| Nominal wattage:                            | 18 W/m        |
| Beam angle:                                 | 30°, 20°, 45° |
| CRI (Ra):                                   | > 90          |
| IP protection:                              | IP67          |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 42            |
| LED pitch:                                  | 23,8 mm       |
| Smallest unit (Length):                     | 166,7 mm      |
| Longest unit (Length):                      | 5.000 mm      |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 1.020 mm      |
| Width:                                      | 21 mm         |
| Height:                                     | 11 mm         |

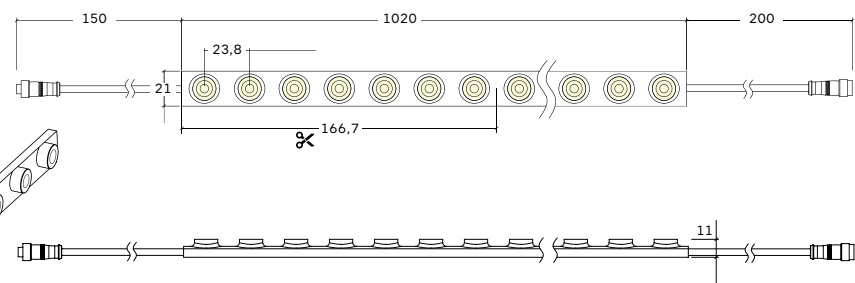
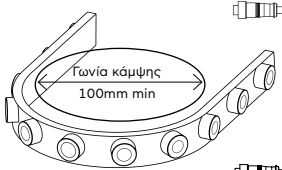
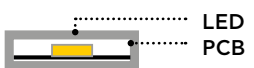
Components



Drawing / Dimensions



- Protection from dust
- Protection from humidity
- Temporary water submersion



# 3 LED STRIP

## 5 Jazz Special

### 35. Wall Washer RGBW

24V  
16 WATT/m  
42 LED/m



**5 YEARS WARRANTY**



Dimming



RGBW

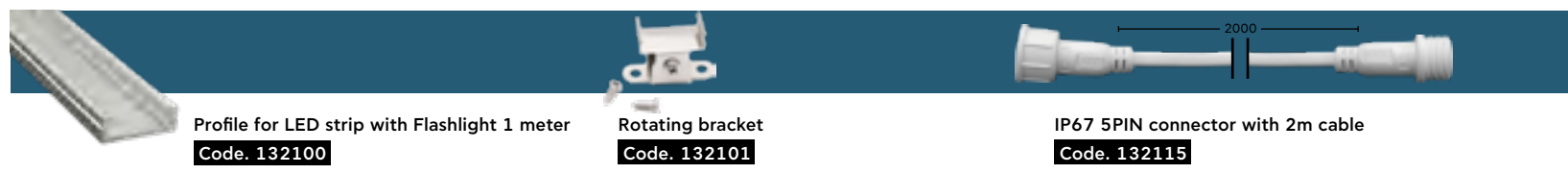
**IP67**

• Available in 1m length. Available in different sizes on request with a maximum of 5m.

| Beam Angle  | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EAN           |
|-------------|--------|--------------------------|------------------|---------------------|---------------|
| <br>30°     | 132008 | RED/623 (+/-5)           | 92               | 32                  | 5206704006064 |
|             |        | GREEN/520 (+/-5)         | 202              | 71                  |               |
|             |        | BLUE/465 (+/-5)          | 54               | 19                  |               |
|             |        | WW/3000K                 | 622              | 83                  |               |
| <br>20°x45° | 132009 | RED/623 (+/-5)           | 92               | 32                  | 5206704006071 |
|             |        | GREEN/520 (+/-5)         | 202              | 71                  |               |
|             |        | BLUE/465 (+/-5)          | 54               | 19                  |               |
|             |        | WW/3000K                 | 622              | 83                  |               |

| Common Technical Specifications |               |
|---------------------------------|---------------|
| Nominal voltage:                | 24 Vdc        |
| Nominal wattage:                | 16 W/m        |
| Beam angle:                     | 30°, 20°, 45° |
| IP protection:                  | IP67          |
| Ambient temperature range (ta): | -20...+50°C   |
| Number of LEDs/m:               | 42            |
| LED pitch:                      | 23,8 mm       |
| Smallest unit (Length):         | 166,7 mm      |
| Longest unit (Length):          | 5.000 mm      |
| Dimmable:                       | YES (PWM)     |
| Lifespan (L <sub>70B30</sub> )  | 50.000 hours  |
| Length:                         | 1.020 mm      |
| Width:                          | 21 mm         |
| Height:                         | 11 mm         |

Components



Profile for LED strip with Flashlight 1 meter  
Code. 132100

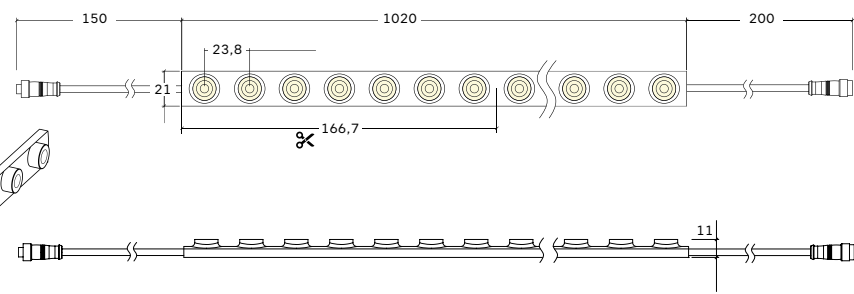
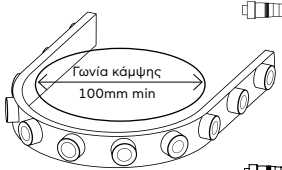
Rotating bracket  
Code. 132101

IP67 5PIN connector with 2m cable  
Code. 132115

Drawing / Dimensions



- Protection from dust
- Protection from humidity
- Temporary water submersion



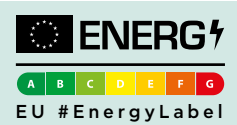
# 3 LED STRIP

## 5 Jazz Special

### 36. Neon Flex 15x8

LED provided by Samsung

24V  
12 WATT/m  
128 LED/m  
CRI 80+  
STEP <5



IP67

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP67                 | 132013 | CW/5700K                 | 564              | 47                  | D   | 5206704006156 |
|                      | 132012 | NW/4200K                 | 564              | 47                  | D   | 5206704006149 |
|                      | 132011 | WW/3200K                 | 528              | 44                  | D   | 5206704006132 |
|                      | 132010 | WW/2800K                 | 492              | 41                  | D   | 5206704006125 |

| Common Technical Specifications |               |
|---------------------------------|---------------|
| Nominal voltage:                | 24 Vdc        |
| Nominal wattage:                | 12 W/m        |
| CRI (Ra):                       | > 80          |
| IP protection:                  | IP67          |
| Ambient temperature range (ta): | -20 ... +50°C |
| Number of LEDs/m:               | 128           |
| Smallest unit (Length):         | 50 mm         |
| Longest unit (Length):          | 5.000 mm      |
| Dimmable:                       | YES (PWM)     |
| Lifespan (L <sub>70B30</sub> )  | 50.000 hours  |
| Length:                         | 5.000 mm      |
| Width:                          | 8 mm          |
| Height:                         | 15 mm         |

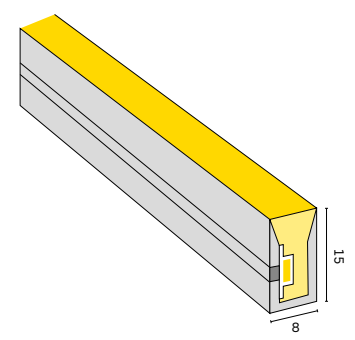
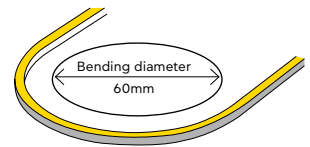
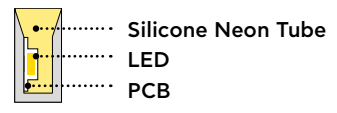
#### Components

|   |   |   |  |  |
|---|---|---|--|--|
|   |   |   |  |  |
| Metal bracket for neon 15x8<br>Code. 132107 | Metal Straight Profile 1m for neon 15x8<br>Code. 130003 | Metal flexible profile 1m for neon 15x8<br>Code. 132106 | Side cap with hole for neon 15x8<br>Code. 132108 | Side cap for neon 15x8<br>Code. 132109 |

#### Drawing / Dimensions



- Protection from dust
- Protection from humidity
- Temporary water submersion





# 3 LED STRIP

## 5 Jazz Special

### 37. Neon Flex 15x8 RGBW

24V  
14,4 WATT/m  
60 LED/m



**5 YEARS WARRANTY**



Dimming



RGBW

**IP67**

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|---------------|
| <b>IP67</b>          | 132014 | RED/623 (+/-5)           | 36               | 10                  | 5206704006163 |
|                      |        | GREEN/520 (+/-5)         | 68               | 19                  |               |
|                      |        | BLUE/465 (+/-5)          | 18               | 5                   |               |
|                      |        | WW/3000K                 | 83               | 23                  |               |

| Common Technical Specifications             |               |
|---|---------------|
| Nominal voltage:                            | 24 Vdc        |
| Nominal wattage:                            | 14,4 W/m      |
| IP protection:                              | IP67          |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 60            |
| Smallest unit (Length):                     | 62,5 mm       |
| Longest unit (Length):                      | 5.000 mm      |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 25.000 hours  |
| Length:                                     | 5.000 mm      |
| Width:                                      | 8 mm          |
| Height:                                     | 15 mm         |

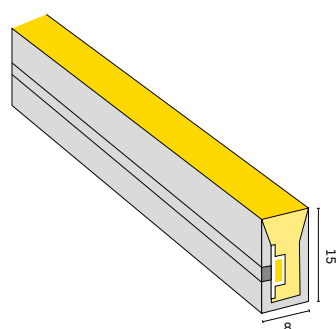
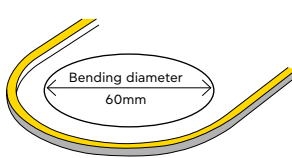
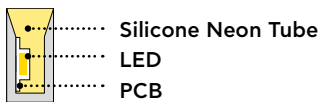
#### Components

|  |  |  |   |   |
|--|--|--|---|---|
|  |  |  |   |   |
| Metal bracket for neon 15x8<br><b>Code. 132107</b> | Metal Straight Profile 1m for neon 15x8<br><b>Code. 130003</b> | Metal flexible profile 1m for neon 15x8<br><b>Code. 132106</b> | Side cap with hole for neon 15x8<br><b>Code. 132108</b> | Side cap for neon 15x8<br><b>Code. 132109</b> |

#### Drawing / Dimensions



- Protection from dust
- Protection from humidity
- Temporary water submersion



# 3 LED STRIP

# 6 Neon Flex

## 38. Dual Bend 16x16

24Vdc  
14WATT/m  
120 LED/m  
CRI 90+  
STEP <3

**5 YEARS WARRANTY**

**NEW! PRODUCT**


**IP67**





  
Dimming

  
IK08

  
Salt Res.

  
Flame Res.

  
UV Res.

  
Solvents Res.

Ansi  
C78.377

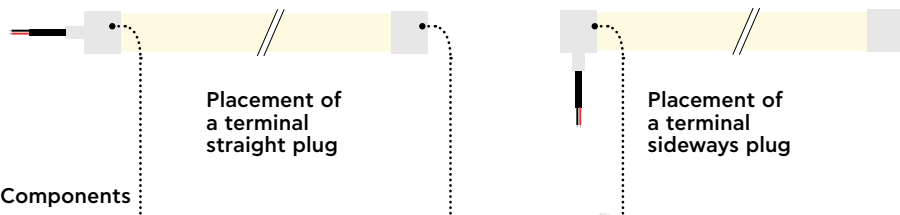
  
4 SDCM

  
One Bin

CE RoHS

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|---------------|
| <b>IP67</b>          | 132170 | CW/6000K                 | 770              | 55                  | 5206704009911 |
|                      | 132169 | NW/4000K                 | 798              | 57                  | 5206704009904 |
|                      | 132168 | WW/3000K                 | 742              | 53                  | 5206704009898 |
|                      | 132167 | WW/2700K                 | 700              | 50                  | 5206704009881 |

| Common Technical Specifications             |               |
|---|---------------|
| Nominal voltage:                            | 24 Vdc        |
| Nominal wattage:                            | 14 W/m        |
| Colour Rendering Index CRI (Ra):            | >90           |
| IP protection:                              | IP67          |
| Ambient temperature range (ta):             | -20 ... +50°C |
| Number of LEDs/m:                           | 120           |
| Smallest unit (Length):                     | At any point  |
| Longest unit (Length):                      | 10.000 mm     |
| Dimmable:                                   | YES (PWM)     |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 50.000 hours  |
| Length:                                     | 5.000 mm      |
| Width:                                      | 16 mm         |
| Height:                                     | 16 mm         |



Terminal sealing cap with straight cable hole for Neon 16x16  
**Code. 132175**

Terminal sealing cap for Neon 16x16  
**Code. 132177**


Terminal sealing cap with side cable hole for Neon 16x16  
**Code. 132176**

Metal bracket for Neon 16x16  
**Code. 132180**

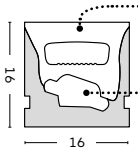
Aluminium profile 1m for Neon 16x16  
**Code. 132178**

Flexible profile 1m for Neon 16x16  
**Code. 132179**

### Drawing / Dimensions

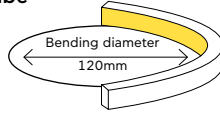


- Protection from dust
- Protection from humidity
- Temporary water submersion

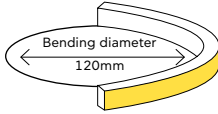


Silicone Flex Tube

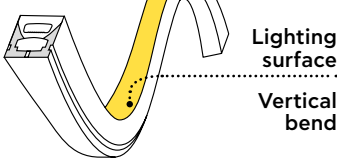
LED



Bending diameter 120mm

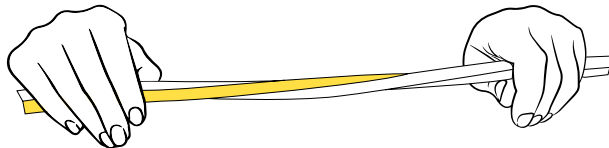


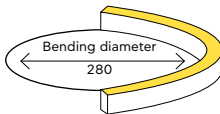
Bending diameter 120mm



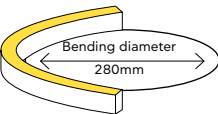
Lighting surface

Vertical bend

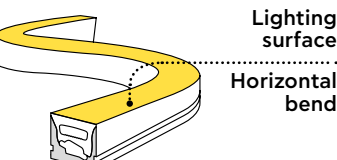




Bending diameter 280



Bending diameter 280mm



Lighting surface

Horizontal bend

• The maximum allowable torsion is 360°/m

# 3 LED STRIP

## 6 Neon Flex RGB

### 39. Dual Bend 16x16

24Vdc  
14WATT/m  
120 LED/m  
CRI 90+  
STEP <3

**5 YEARS WARRANTY**

**NEW! PRODUCT**

**IP67**

RGB

Dimming

IK08

Salt Res.

Flame Res.

UV Res.

Solvents Res.

Ansi  
C78.377

4 SDCM

One Bin

**CE** RoHS

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|---------------|
| <b>IP67</b>          | 132171 | RED/623 (+/-5)           | 50               | 11                  | 5206704009928 |
|                      |        | GREEN/520 (+/-5)         | 180              | 39                  |               |
|                      |        | BLUE/465 (+/-5)          | 32               | 7                   |               |

| Common Technical Specifications |              |
|---------------------------------|--------------|
| Nominal voltage:                | 24 Vdc       |
| Nominal wattage:                | 14 W/m       |
| IP protection:                  | IP67         |
| Ambient temperature range (ta): | -20... +50°C |
| Number of LEDs/m:               | 120          |
| LED pitch:                      | 50 mm        |
| Longest unit (Length):          | 10.000 mm    |
| Dimmable:                       | YES (PWM)    |
| Lifespan (L <sub>70B30</sub> )  | 50.000 hours |
| Length:                         | 5.000 mm     |
| Width:                          | 16 mm        |
| Height:                         | 16 mm        |

Placement of a terminal straight plug

Placement of a terminal sideways plug

Terminal sealing cap with straight cable hole for Neon 16x16  
**Code. 132175**

Terminal sealing cap for Neon 16x16  
**Code. 132177**

Terminal sealing cap with side cable hole for Neon 16x16  
**Code. 132176**

Metal bracket for Neon 16x16  
**Code. 132180**

Aluminium profile 1m for Neon 16x16  
**Code. 132178**

Flexible profile 1m for Neon 16x16  
**Code. 132179**

#### Drawing / Dimensions

- Protection from dust
- Protection from humidity
- Temporary water submersion

Silicone Flex Tube

LED

6

16

Bending diameter 120mm

Bending diameter 120mm

Lighting surface

Vertical bend

Bending diameter 280

Bending diameter 280mm

Lighting surface

Horizontal bend

• The maximum allowable torsion is 360°/m

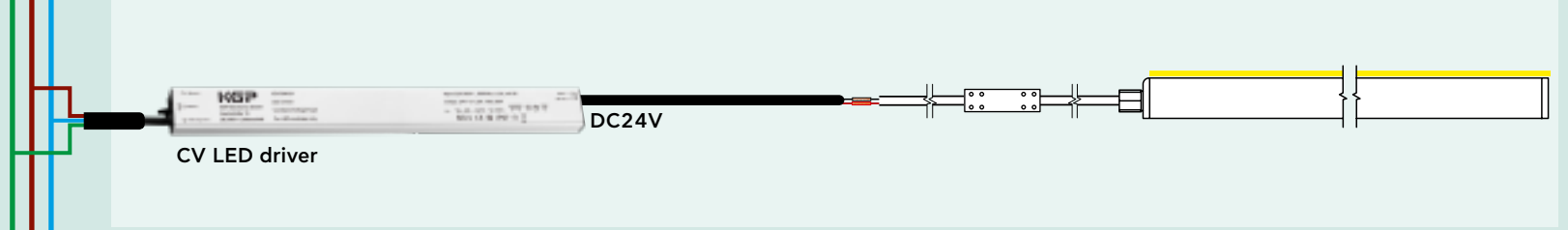
# Wiring diagram Neon Flex

## Wiring / Control

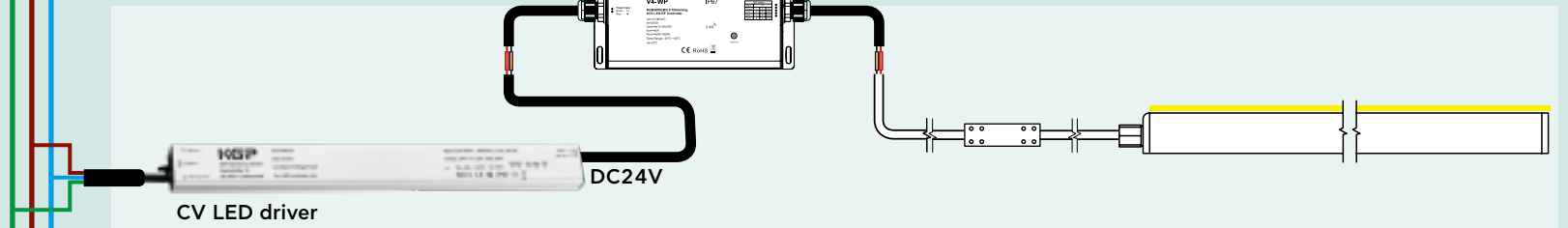


GREEN FG  
L N

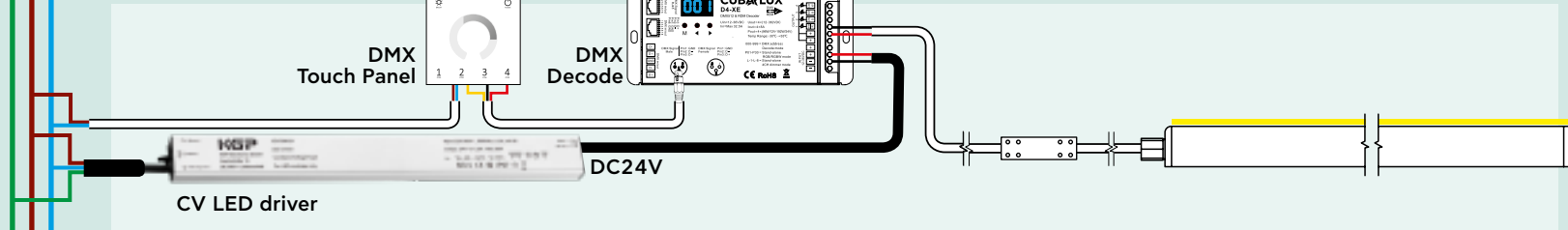
### REGULAR CONNECTION



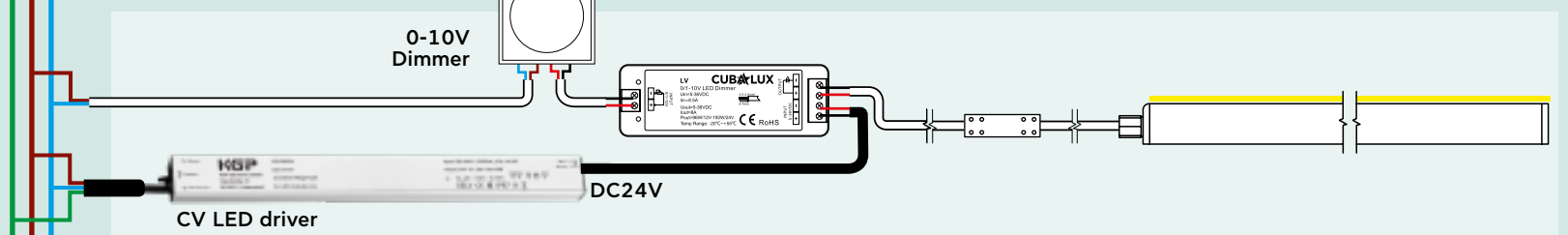
### RF DIMMING



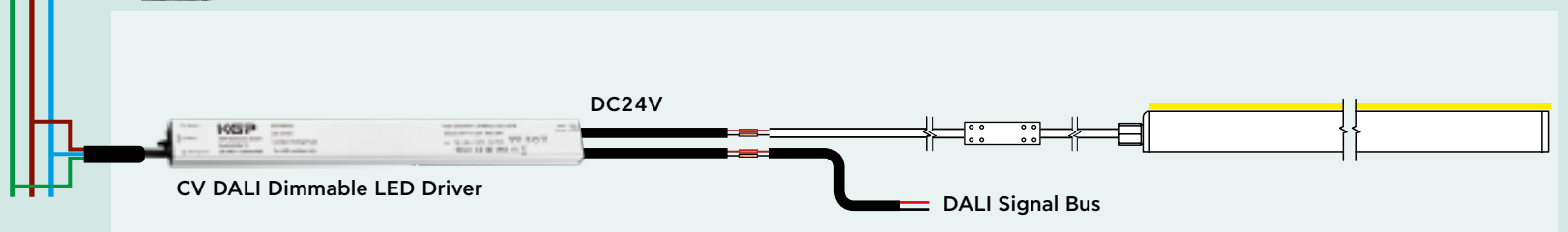
### DMX CONTROL



### 0/1 - 10V DIMMING



### DALI DIMMING



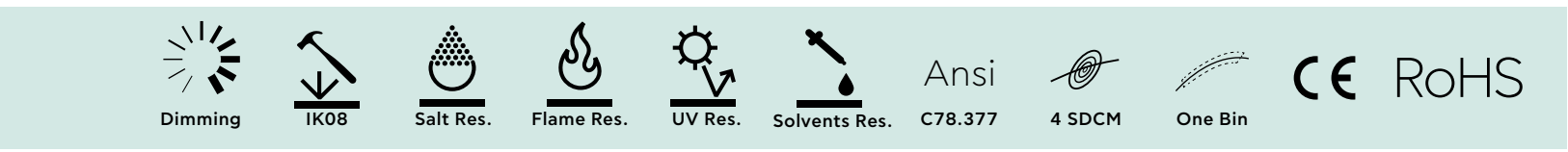


# 3 LED STRIP

## 6 Neon Flex Colors for pool

On order  
Suitable for Swimming Pools

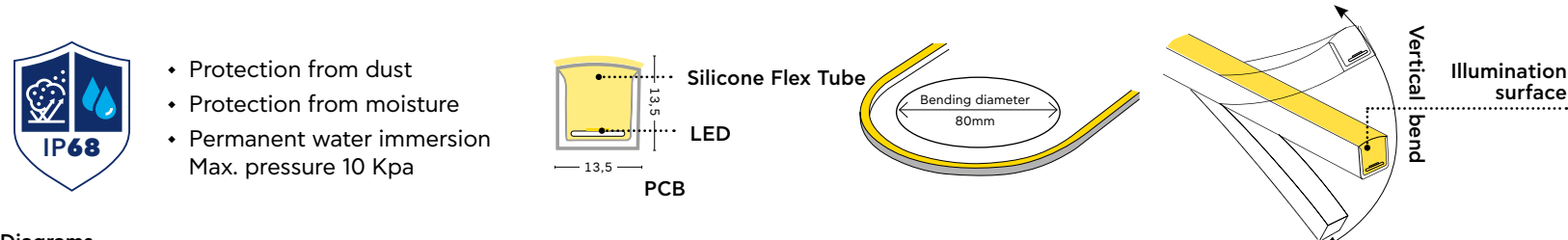
40. Single Bend 13,5x13,5



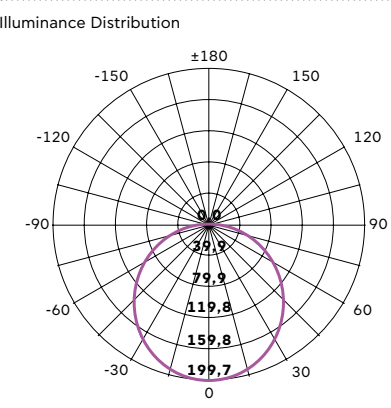
| Color Temp. /CT (Kelvin) | Luminous Flux /m |
|--------------------------|------------------|
| 2200K(2238±102K)         | 410              |
| 2700K(2725±145K)         | 410              |
| 3000K(3045±175K)         | 430              |
| 3500K(3465±245K)         | 430              |
| 4000K(3985±275K)         | 450              |
| 4500K(4503±243K)         | 450              |
| 5000K(5029±283K)         | 460              |
| 6500K(6532±510K)         | 460              |
| Green(520±530nm)         | 520              |
| Blue(455±465nm)          | 70               |
| Red(620±630nm)           | 155              |

| Common Technical Specifications  |                |
|----------------------------------|----------------|
| Nominal voltage:                 | 24 Vdc         |
| Nominal wattage:                 | 0,416 A/m      |
| Beam angle:                      | 120°           |
| Colour Rendering Index CRI (Ra): | >80            |
| Power consumption:               | 10 kWh/1000h/m |
| IP protection:                   | IP68           |
| Ambient temperature range (ta):  | -40 ... +55°C  |
| Number of LEDs/m:                | Class III      |
| LED pitch:                       | 144            |
| Smallest unit (Length):          | 16,67 mm       |
| Longest unit (Length):           | 83,3 mm        |
| Dimmable:                        | 10m            |
| Lifespan (L70B30)                | YES (PWM)      |
| Length:                          | 70.000 hours   |
| Width:                           | 13,5 mm        |
| Height:                          | 13,5 mm        |

Drawing / Dimensions



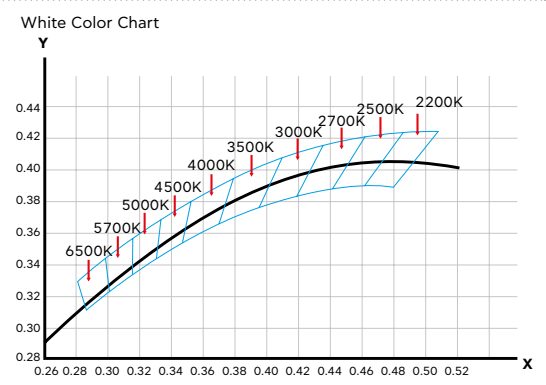
Diagrams



Illuminance Distance Curve

| Height   | Center E | Average E | Diameter |
|----------|----------|-----------|----------|
| 3.28ft   | 18.536fc | 5.310fc   | 10.128ft |
| 1.0m     | 199.52lx | 57.154lx  | 3.087m   |
| 6.562ft  | 4.634fc  | 1.327fc   | 20.255ft |
| 2.0m     | 49.880lx | 14.288lx  | 6.174m   |
| 9.843ft  | 2.060fc  | 0.590fc   | 30.383ft |
| 3.0m     | 22.169lx | 6.350lx   | 9.261m   |
| 13.123ft | 1.158fc  | 0.332fc   | 40.511ft |
| 4.0m     | 12.470lx | 3.572lx   | 12.348m  |
| 16.404ft | 0.741fc  | 0.212fc   | 50.639ft |
| 5.0m     | 7.981lx  | 2.286lx   | 15.435m  |

Beam Angle 114.1° Deg

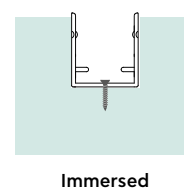
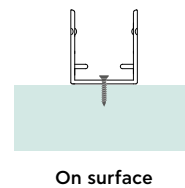
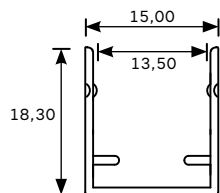
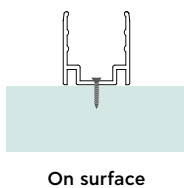
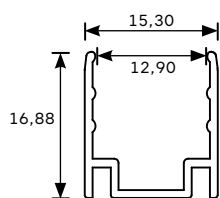


Components



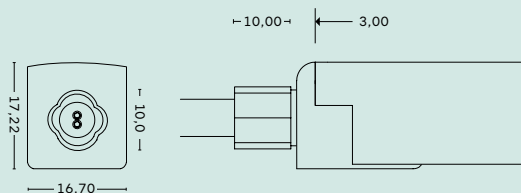
Flexible aluminium channel  
Code. 200003

Stainless steel channel  
Code. 200001

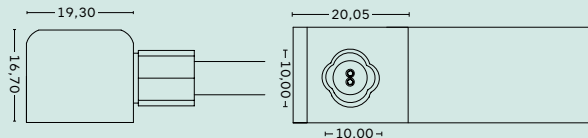


Connection method/ Construction only in the factory

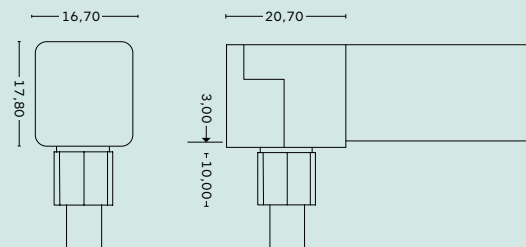
↳ Application  
Led Linear Flex  
Connector (Straight)



↳ Application  
Led Linear Flex  
Connector (Side)



↳ Application  
Led Linear Flex  
Connector (Rear)



# 3 LED STRIP

# 7 TQRA

41.

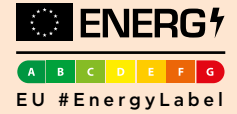
12V  
4,2 WATT/m  
30 LED/m  
CRI 80+



**3 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20 IP65**

♦ ECONOMICAL & RELIABLE SOLUTION

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| <b>IP20</b>          | 500001 | CW/6000K                 | 472              | 112                 | F   | 5206704002622 |
|                      | 500002 | NW/4000K                 | 476              | 113                 | F   | 5206704002615 |
|                      | 500003 | WW/3000K                 | 453              | 108                 | F   | 5206704002608 |
| <b>IP65 Silicone</b> | 500004 | CW/6000K                 | 472              | 112                 | F   | 5206704002653 |
|                      | 500005 | NW/4000K                 | 476              | 113                 | F   | 5206704002646 |
|                      | 500006 | WW/3000K                 | 453              | 108                 | F   | 5206704002639 |

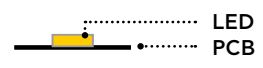
### Common Technical Specifications

|                                 |                       |
|---------------------------------|-----------------------|
| Nominal voltage:                | 12 Vdc                |
| Nominal wattage:                | 4,2 W/m               |
| Beam angle:                     | 120°                  |
| CRI (Ra):                       | > 80                  |
| IP protection:                  | IP20 /IP65 (Silicone) |
| Ambient temperature range (ta): | -20 ... +50°C         |
| Number of LEDs/m:               | 30                    |
| LED pitch:                      | 33,3 mm               |
| Smallest unit (Length):         | 100 mm                |
| Longest unit (Length):          | 10.000 mm             |
| Dimmable:                       | YES (PWM)             |
| Lifespan (L <sub>70B30</sub> )  | 20.000 hours          |
| Length:                         | 5.000 mm              |
| Width:                          | 10 mm                 |
| Height:                         | 1,50 mm               |

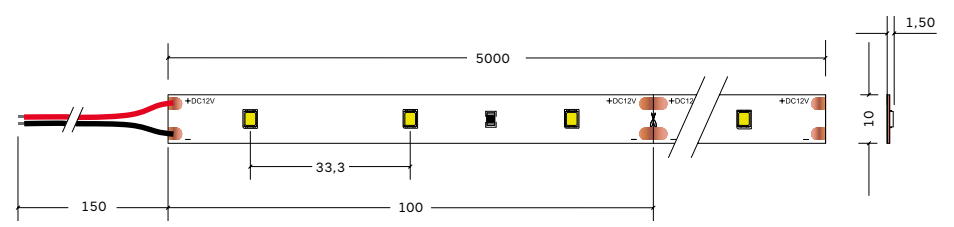
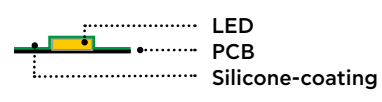
### Drawing / Dimensions



♦ No protection



- ♦ Protection from dust
- ♦ Protection from moisture
- ♦ Protection from water jets
- ♦ Unsuitable for standing water





# 3 LED STRIP

# 7 TQRA

42.

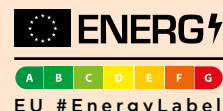
12V  
6 WATT/m  
30 LED/m  
CRI 80+



**3 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20 IP65**

• ECONOMICAL & RELIABLE SOLUTION

| Protection Rate (IP)    | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|-------------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| <b>IP20</b>             | 500007 | CW/6000K                 | 618              | 103                 | F   | 5206704002684 |
|                         | 500008 | NW/4000K                 | 635              | 106                 | F   | 5206704002677 |
|                         | 500009 | WW/3000K                 | 601              | 100                 | F   | 5206704002660 |
| <b>IP65</b><br>Silicone | 500010 | CW/6000K                 | 618              | 103                 | F   | 5206704002714 |
|                         | 500011 | NW/4000K                 | 635              | 106                 | F   | 5206704002707 |
|                         | 500012 | WW/3000K                 | 601              | 100                 | F   | 5206704002691 |

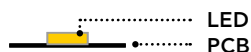
### Common Technical Specifications

|   |                       |
|---|-----------------------|
| Nominal voltage:                            | 12 Vdc                |
| Nominal wattage:                            | 6 W/m                 |
| Beam angle:                                 | 120°                  |
| CRI (Ra):                                   | > 80                  |
| IP protection:                              | IP20 /IP65 (Silicone) |
| Ambient temperature range (ta):             | -20... +50°C          |
| Number of LEDs/m:                           | 30                    |
| LED pitch:                                  | 33,3 mm               |
| Smallest unit (Length):                     | 100 mm                |
| Longest unit (Length):                      | 10.000 mm             |
| Dimmable:                                   | YES (PWM)             |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 20.000 hours          |
| Length:                                     | 5.000 mm              |
| Width:                                      | 10 mm                 |
| Height:                                     | 1,5 mm                |

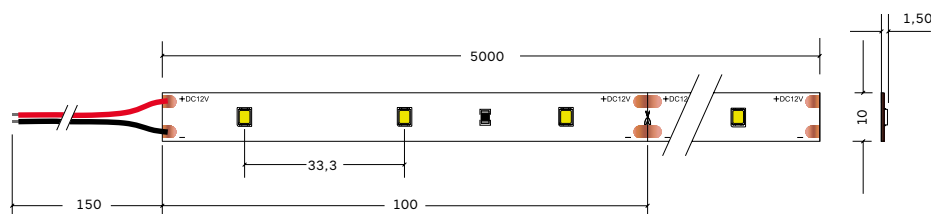
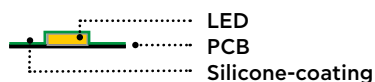
### Drawing / Dimensions



• No protection



- Protection from dust
- Protection from moisture
- Protection from water jets
- Unsuitable for standing water



# 3 LED STRIP

# 7 TQRA

43.

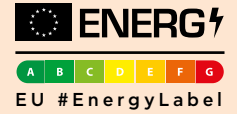
12V  
12 WATT/m  
60 LED/m  
CRI 80+



**3 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20 IP65**

♦ ECONOMICAL & RELIABLE SOLUTION

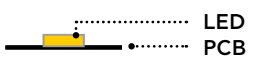
| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| <b>IP20</b>          | 500013 | CW/6000K                 | 1173             | 98                  | F   | 5206704002745 |
|                      | 500014 | NW/4000K                 | 1197             | 100                 | F   | 5206704002738 |
|                      | 500015 | WW/3000K                 | 1110             | 93                  | F   | 5206704002721 |
| <b>IP65 Silicone</b> | 500016 | CW/6000K                 | 1173             | 98                  | F   | 5206704002776 |
|                      | 500017 | NW/4000K                 | 1197             | 100                 | F   | 5206704002769 |
|                      | 500018 | WW/3000K                 | 1110             | 93                  | F   | 5206704002752 |

| Common Technical Specifications             |                       |
|---|-----------------------|
| Nominal voltage:                            | 12 Vdc                |
| Nominal wattage:                            | 12 W/m                |
| Beam angle:                                 | 120°                  |
| CRI (Ra):                                   | > 80                  |
| IP protection:                              | IP20 /IP65 (Silicone) |
| Ambient temperature range (ta):             | -20 ... +50°C         |
| Number of LEDs/m:                           | 60                    |
| LED pitch:                                  | 16,67 mm              |
| Smallest unit (Length):                     | 50 mm                 |
| Longest unit (Length):                      | 5.000 mm              |
| Dimmable:                                   | YES (PWM)             |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 20.000 hours          |
| Length:                                     | 5.000 mm              |
| Width:                                      | 10 mm                 |
| Height:                                     | 1,50 mm               |

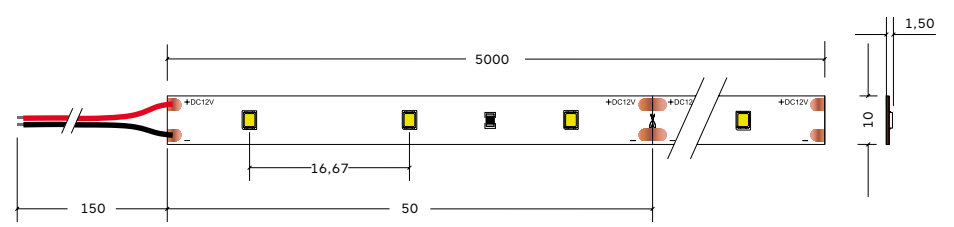
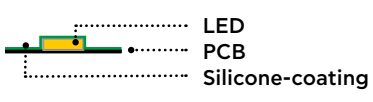
Drawing / Dimensions



- No protection



- Protection from dust
- Protection from moisture
- Protection from water jets
- Unsuitable for standing water



# 3 LED STRIP

## 8 TQRA Colors

44.

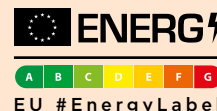
12V  
4,8 WATT/m  
60 LED/m



**3 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20 IP65**

♦ ECONOMICAL & RELIABLE SOLUTION

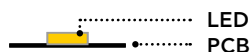
| Protection Rate (IP)    | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EAN           |
|-------------------------|--------|--------------------------|------------------|---------------------|---------------|
| <b>IP20</b>             | 500019 | BLUE/465 (+/-5)          | 63               | 13                  | 5206704002905 |
|                         | 500020 | RED/623 (+/-5)           | 119              | 25                  | 5206704002912 |
|                         | 500022 | YELLOW/580 (+/-5)        | 115              | 24                  | 5206704002936 |
|                         | 500021 | GREEN/520 (+/-5)         | 285              | 59                  | 5206704002929 |
| <b>IP65</b><br>Silicone | 500033 | BLUE/465 (+/-5)          | 63               | 13                  | 5206704003049 |
|                         | 500034 | RED/623 (+/-5)           | 119              | 25                  | 5206704003056 |
|                         | 500036 | YELLOW/580 (+/-5)        | 115              | 24                  | 5206704003070 |
|                         | 500035 | GREEN/520 (+/-5)         | 285              | 59                  | 5206704003063 |

| Common Technical Specifications |                      |
|---------------------------------|----------------------|
| Nominal voltage:                | 12 Vdc               |
| Nominal wattage:                | 4,8 W/m              |
| Beam angle:                     | 120°                 |
| IP protection:                  | IP20/IP65 (Silicone) |
| Ambient temperature range (ta): | -20 ... +50°C        |
| Number of LEDs/m:               | 60                   |
| LED pitch:                      | 16,67 mm             |
| Smallest unit (Length):         | 50 mm                |
| Longest unit (Length):          | 10.000 mm            |
| Dimmable:                       | YES (PWM)            |
| Lifespan (L <sub>70B30</sub> )  | 20.000 hours         |
| Length:                         | 5.000 mm             |
| Width:                          | 10 mm                |
| Height:                         | 2,35 mm              |

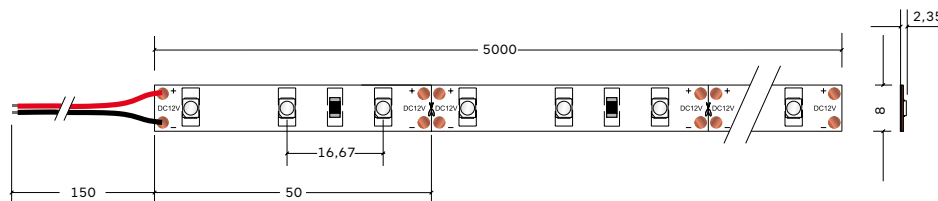
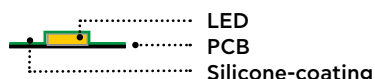
Drawing / Dimensions



♦ No protection



- ♦ Protection from dust
- ♦ Protection from moisture
- ♦ Protection from water jets
- ♦ Unsuitable for standing water



# 3 LED STRIP

## 8 TQRA Colors

45.

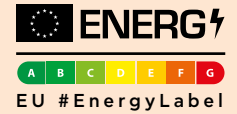
12V  
7,2 WATT/m  
30 LED/m



**3 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20 IP65**

♦ ECONOMICAL & RELIABLE SOLUTION

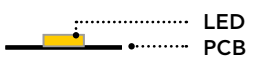
| Protection Rate (IP)    | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EAN           |
|-------------------------|--------|--------------------------|------------------|---------------------|---------------|
| <b>IP20</b>             | 500023 | BLUE/465 (+/-5)          | 103              | 14                  | 5206704002943 |
|                         | 500024 | RED/623 (+/-5)           | 182              | 25                  | 5206704002950 |
|                         | 500026 | YELLOW/580 (+/-5)        | 176              | 24                  | 5206704002974 |
|                         | 500025 | GREEN/520 (+/-5)         | 422              | 59                  | 5206704002967 |
| <b>IP65</b><br>Silicone | 500037 | BLUE/465 (+/-5)          | 103              | 14                  | 5206704003087 |
|                         | 500038 | RED/623 (+/-5)           | 182              | 25                  | 5206704003094 |
|                         | 500040 | YELLOW/580 (+/-5)        | 176              | 24                  | 5206704003117 |
|                         | 500039 | GREEN/520 (+/-5)         | 422              | 59                  | 5206704003100 |

| Common Technical Specifications |                      |
|---------------------------------|----------------------|
| Nominal voltage:                | 12 Vdc               |
| Nominal wattage:                | 7,2 W/m              |
| Beam angle:                     | 120°                 |
| IP protection:                  | IP20/IP65 (Silicone) |
| Ambient temperature range (ta): | -20 ... +50°C        |
| Number of LEDs/m:               | 30                   |
| LED pitch:                      | 33,3 mm              |
| Smallest unit (Length):         | 100 mm               |
| Longest unit (Length):          | 10.000 mm            |
| Dimmable:                       | YES (PWM)            |
| Lifespan (L <sub>70B30</sub> )  | 20.000 hours         |
| Length:                         | 5.000 mm             |
| Width:                          | 10 mm                |
| Height:                         | 2,30 mm              |

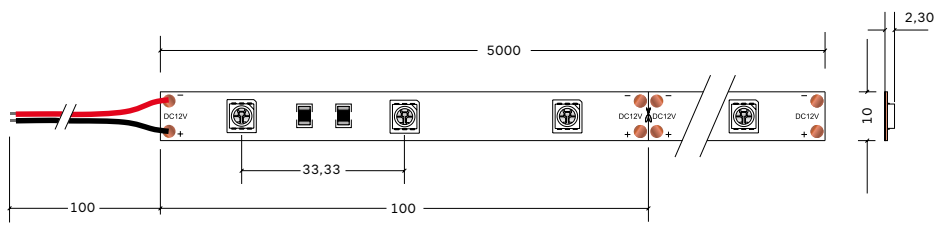
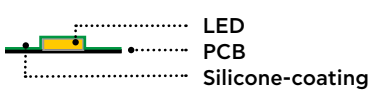
Drawing / Dimensions



♦ No protection



- ♦ Protection from dust
- ♦ Protection from moisture
- ♦ Protection from water jets
- ♦ Unsuitable for standing water



# 3 LED STRIP

## 8 TQRA Colors

46.

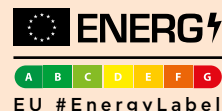
12V  
14,4 WATT/m  
60 LED/m



**3 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20 IP65**

♦ ECONOMICAL & RELIABLE SOLUTION

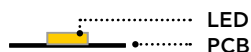
| Protection Rate (IP)    | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EAN           |
|-------------------------|--------|--------------------------|------------------|---------------------|---------------|
| <b>IP20</b>             | 500028 | BLUE/465 (+/-5)          | 207              | 14                  | 5206704002998 |
|                         | 500029 | RED/623 (+/-5)           | 360              | 25                  | 5206704003001 |
|                         | 500031 | YELLOW/580 (+/-5)        | 351              | 24                  | 5206704003025 |
|                         | 500030 | GREEN/520 (+/-5)         | 843              | 59                  | 5206704003018 |
| <b>IP65</b><br>Silicone | 500042 | BLUE/465 (+/-5)          | 207              | 14                  | 5206704003131 |
|                         | 500043 | RED/623 (+/-5)           | 360              | 25                  | 5206704003148 |
|                         | 500045 | YELLOW/580 (+/-5)        | 351              | 24                  | 5206704003162 |
|                         | 500044 | GREEN/520 (+/-5)         | 843              | 59                  | 5206704003155 |

| Common Technical Specifications |                      |
|---------------------------------|----------------------|
| Nominal voltage:                | 12 Vdc               |
| Nominal wattage:                | 14,4 W/m             |
| Beam angle:                     | 120°                 |
| IP protection:                  | IP20/IP65 (Silicone) |
| Ambient temperature range (ta): | -20 ... +50°C        |
| Number of LEDs/m:               | 60                   |
| LED pitch:                      | 16,7 mm              |
| Smallest unit (Length):         | 50 mm                |
| Longest unit (Length):          | 5.000 mm             |
| Dimmable:                       | YES (PWM)            |
| Lifespan (L <sub>70B30</sub> )  | 20.000 hours         |
| Length:                         | 5.000 mm             |
| Width:                          | 10 mm                |
| Height:                         | 2,30 mm              |

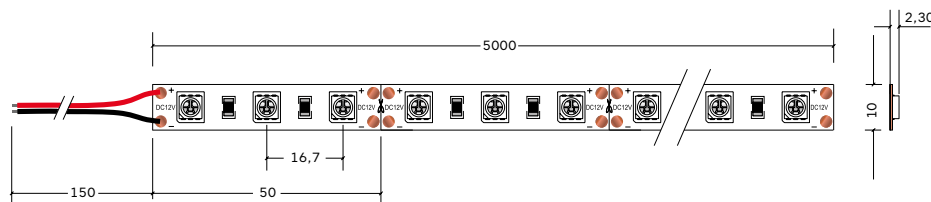
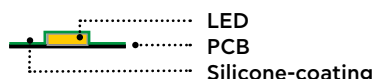
Drawing / Dimensions



♦ No protection



- ♦ Protection from dust
- ♦ Protection from moisture
- ♦ Protection from water jets
- ♦ Unsuitable for standing water



# 3 LED STRIP

## 9 TQRA RGB

47.

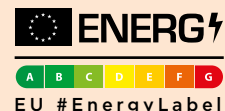
12V  
7,2 WATT/m  
30 LED/m



**3 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming



RGB

**IP20 IP65**

♦ ECONOMICAL & RELIABLE SOLUTION

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|---------------|
| <b>IP20</b>          | 500027 | RED/623 (+/-5)           | 76               | 32                  | 5206704002981 |
|                      |        | GREEN/520 (+/-5)         | 159              | 66                  |               |
|                      |        | BLUE/465 (+/-5)          | 35               | 15                  |               |
| <b>IP65 Silicone</b> | 500041 | RED/623 (+/-5)           | 76               | 32                  | 5206704003124 |
|                      |        | GREEN/520 (+/-5)         | 159              | 66                  |               |
|                      |        | BLUE/465 (+/-5)          | 35               | 15                  |               |

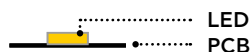
### Common Technical Specifications

|                                 |                      |
|---------------------------------|----------------------|
| Nominal voltage:                | 24 Vdc               |
| Nominal wattage:                | 7,2W/m               |
| Beam angle:                     | 120°                 |
| IP protection:                  | IP20/IP65 (Silicone) |
| Ambient temperature range (ta): | -20 ... +50°C        |
| Number of LEDs/m:               | 30                   |
| LED pitch:                      | 33,3 mm              |
| Smallest unit (Length):         | 100 mm               |
| Longest unit (Length):          | 10.000 mm            |
| Dimmable:                       | YES (PWM)            |
| Lifespan (L <sub>70B30</sub> ): | 20.000 hours         |
| Length:                         | 5.000 mm             |
| Width:                          | 10 mm                |
| Height:                         | 2,30 mm              |

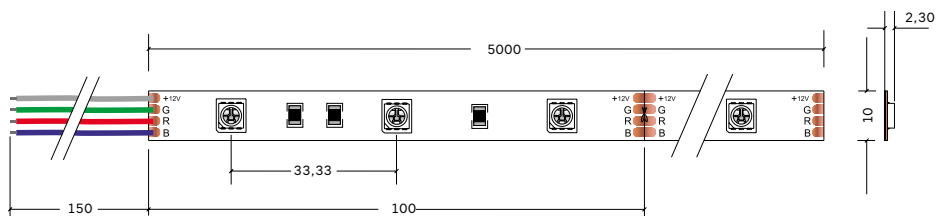
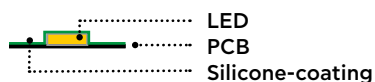
### Drawing / Dimensions



- No protection



- Protection from dust
- Protection from moisture
- Protection from water jets
- Unsuitable for standing water



# 3 LED STRIP

## 9 TQRA RGB

48.

12V  
14,4 WATT/m  
60 LED/m



**3 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



A B C D E F G  
EU #EnergyLabel



Dimming



RGB

**IP20 IP65**

• ECONOMICAL & RELIABLE SOLUTION

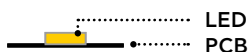
| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|---------------|
| <b>IP20</b>          | 500032 | RED/623 (+/-5)           | 152              | 32                  | 5206704003032 |
|                      |        | GREEN/520 (+/-5)         | 318              | 66                  |               |
|                      |        | BLUE/465 (+/-5)          | 70               | 15                  |               |
| <b>IP65 Silicone</b> | 500046 | RED/623 (+/-5)           | 152              | 32                  | 5206704003179 |
|                      |        | GREEN/520 (+/-5)         | 318              | 66                  |               |
|                      |        | BLUE/465 (+/-5)          | 70               | 15                  |               |

| Common Technical Specifications |                      |
|---------------------------------|----------------------|
| Nominal voltage:                | 12 Vdc               |
| Nominal wattage:                | 14,4 W/m             |
| Beam angle:                     | 120°                 |
| IP protection:                  | IP20/IP65 (Silicone) |
| Ambient temperature range (ta): | -20 ... +50°C        |
| Number of LEDs/m:               | 60                   |
| LED pitch:                      | 16,7 mm              |
| Smallest unit (Length):         | 50 mm                |
| Longest unit (Length):          | 5.000 mm             |
| Dimmable:                       | YES (PWM)            |
| Lifespan (L <sub>70B30</sub> )  | 20.000 hours         |
| Length:                         | 5.000 mm             |
| Width:                          | 10 mm                |
| Height:                         | 2,30 mm              |

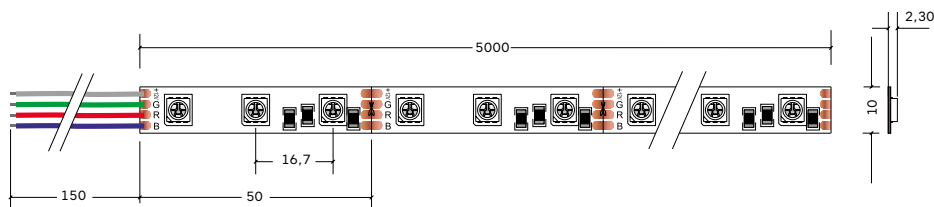
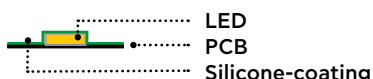
### Drawing / Dimensions



• No protection



- Protection from dust
- Protection from moisture
- Protection from water jets
- Unsuitable for standing water



# 3 LED STRIP

# 6 TQRA

49.

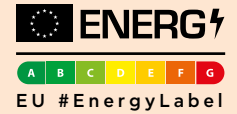
24V  
6 WATT/m  
30 LED/m  
CRI 80+



**3 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20 IP65 IP68**

♦ ECONOMICAL & RELIABLE SOLUTION

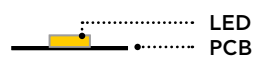
| Protection Rate (IP)                 | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|--------------------------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| <b>IP20</b>                          | 500059 | CW/6000K                 | 523              | 87                  | G   | 5206704003612 |
|                                      | 500060 | NW/4000K                 | 545              | 91                  | G   | 5206704003629 |
|                                      | 500061 | WW/3000K                 | 517              | 86                  | G   | 5206704003636 |
|                                      | 500081 | WW/2700K                 | 498              | 83                  | G   | 5206704004411 |
| <b>IP65</b><br>Silicone<br>Spray     | 500062 | CW/6000K                 | 523              | 87                  | G   | 5206704003704 |
|                                      | 500063 | NW/4000K                 | 545              | 91                  | G   | 5206704003711 |
|                                      | 500064 | WW/3000K                 | 517              | 86                  | G   | 5206704003728 |
|                                      | 500097 | WW/2700K                 | 498              | 83                  | G   | 5206704004442 |
| <b>IP68</b><br>Silicone<br>Extrusion | 500082 | CW/7500K                 | 487              | 81                  | G   | 5206704004268 |
|                                      | 500083 | NW/4000K                 | 495              | 82                  | G   | 5206704004251 |
|                                      | 500084 | WW/3000K                 | 466              | 78                  | G   | 5206704004244 |

| Common Technical Specifications |                |
|---------------------------------|----------------|
| Nominal voltage:                | 24 Vdc         |
| Nominal wattage:                | 6 W/m          |
| Beam angle:                     | 120°           |
| CRI (Ra):                       | >80            |
| IP protection:                  | IP20/IP65/IP68 |
| Ambient temperature range (ta): | -20 ... +50°C  |
| Number of LEDs/m:               | 30             |
| LED pitch:                      | 33,3 mm        |
| Smallest unit (Length):         | 166,5 mm       |
| Longest unit (Length):          | 10.000 mm      |
| Dimmable:                       | YES (PWM)      |
| Lifespan (L <sub>70B30</sub> )  | 20.000 hours   |
| Length:                         | 5.000 mm       |
| Width:                          | 10/ 12,2 mm    |
| Height:                         | 1,50/4,50 mm   |

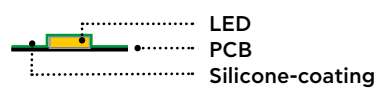
Drawing / Dimensions



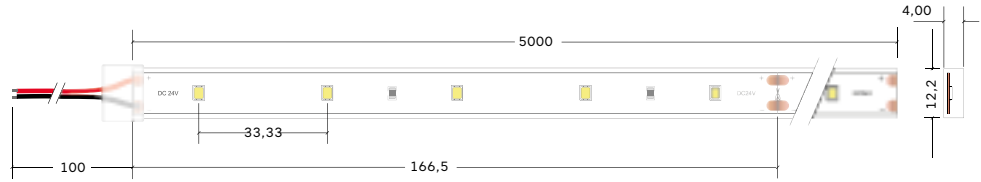
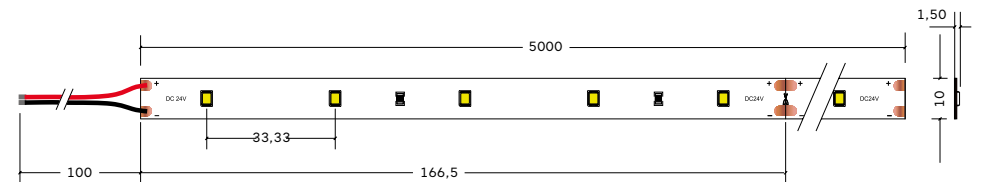
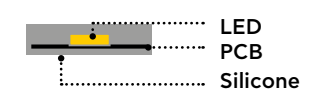
- No protection



- Protection from dust
- Protection from moisture
- Protection from water jets
- Unsuitable for standing water



- Protection from dust
- Protection from moisture
- Permanent water immersion  
Max. pressure 10 Kpa





# 3 LED STRIP

# 6 TQRA

50.

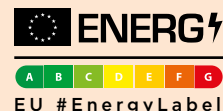
24V  
11,4 WATT/m  
60 LED/m  
CRI 80+



**3 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20 IP65 IP68**

♦ ECONOMICAL & RELIABLE SOLUTION

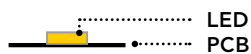
| Protection Rate (IP)              | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEI | EAN           |
|-----------------------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| <b>IP20</b>                       | 500065 | CW/6000K                 | 1137             | 100                 | F   | 5206704003643 |
|                                   | 500066 | NW/4000K                 | 1186             | 104                 | F   | 5206704003650 |
|                                   | 500067 | WW/3000K                 | 1109             | 97                  | F   | 5206704003667 |
|                                   | 500098 | WW/2700K                 | 1056             | 93                  | F   | 5206704004428 |
| <b>IP65</b><br>Silicone Spray     | 500068 | CW/6000K                 | 1137             | 100                 | F   | 5206704003735 |
|                                   | 500069 | NW/4000K                 | 1186             | 104                 | F   | 5206704003742 |
|                                   | 500070 | WW/3000K                 | 1109             | 97                  | F   | 5206704003759 |
|                                   | 500099 | WW/2700K                 | 1056             | 93                  | F   | 5206704004459 |
| <b>IP68</b><br>Silicone Extrusion | 500085 | CW/7500K                 | 1059             | 93                  | G   | 5206704004299 |
|                                   | 500086 | NW/4000K                 | 1070             | 94                  | G   | 5206704004282 |
|                                   | 500087 | WW/3000K                 | 1012             | 89                  | G   | 5206704004275 |

| Common Technical Specifications |                |
|---------------------------------|----------------|
| Nominal voltage:                | 24 Vdc         |
| Nominal wattage:                | 11,4 W/m       |
| Beam angle:                     | 120°           |
| CRI (Ra):                       | >80            |
| IP protection:                  | IP20/IP65/IP68 |
| Ambient temperature range (ta): | -20 ... +50°C  |
| Number of LEDs/m:               | 60             |
| LED pitch:                      | 16,67 mm       |
| Smallest unit (Length):         | 100 mm         |
| Longest unit (Length):          | 5.000 mm       |
| Dimmable:                       | YES (PWM)      |
| Lifespan (L <sub>70B30</sub> )  | 20.000 hours   |
| Length:                         | 5.000 mm       |
| Width:                          | 10/12,2 mm     |
| Height:                         | 1,50/4,50 mm   |

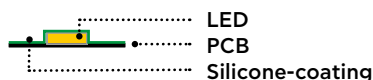
## Drawing / Dimensions



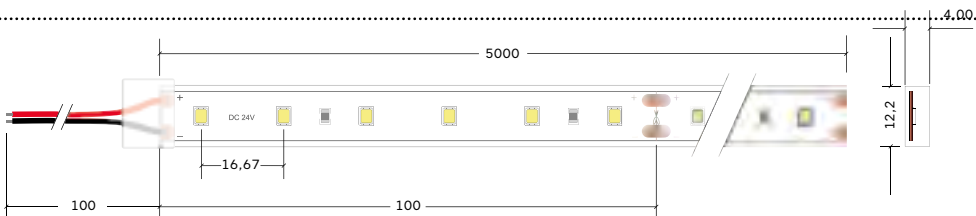
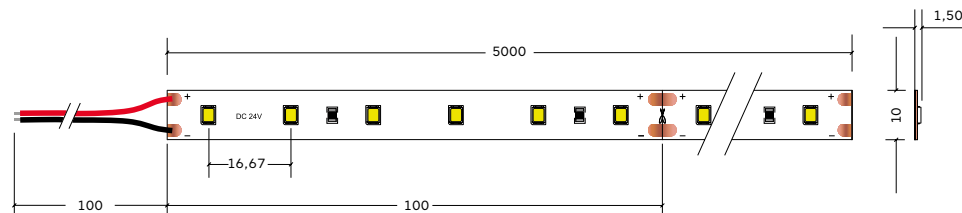
- No protection



- Protection from dust
- Protection from moisture
- Protection from water jets
- Unsuitable for standing water



- Protection from dust
- Protection from moisture
- Permanent water immersion  
Max. pressure 10 Kpa



# 3 LED STRIP

# 6 TQRA

51.

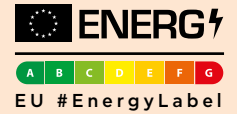
24V  
9,6 WATT/m  
120 LED/m  
CRI 80+



**3 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20 IP65**

♦ ECONOMICAL & RELIABLE SOLUTION

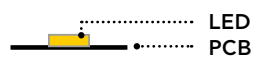
| Protection Rate (IP)             | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| <b>IP20</b>                      | 500107 | CW/6000K                 | 1073             | 112                 | F   | 5206704005135 |
|                                  | 500106 | NW/4000K                 | 1099             | 114                 | F   | 5206704005128 |
|                                  | 500105 | WW/3000K                 | 1059             | 110                 | F   | 5206704005111 |
|                                  | 500104 | WW/2700K                 | 1010             | 105                 | F   | 5206704005104 |
| <b>IP65</b><br>Silicone<br>Spray | 500111 | CW/6000K                 | 1073             | 112                 | F   | 5206704005173 |
|                                  | 500110 | NW/4000K                 | 1099             | 114                 | F   | 5206704005166 |
|                                  | 500109 | WW/3000K                 | 1059             | 110                 | F   | 5206704005159 |
|                                  | 500108 | WW/2700K                 | 1010             | 105                 | F   | 5206704005142 |

| Common Technical Specifications |              |
|---------------------------------|--------------|
| Nominal voltage:                | 24 Vdc       |
| Nominal wattage:                | 9,6 W/m      |
| Beam angle:                     | 120°         |
| CRI (Ra):                       | >80          |
| IP protection:                  | IP20/IP65    |
| Ambient temperature range (ta): | -20... +50°C |
| Number of LEDs/m:               | 120          |
| LED pitch:                      | 8,3 mm       |
| Smallest unit (Length):         | 50 mm        |
| Longest unit (Length):          | 5.000 mm     |
| Dimmable:                       | YES (PWM)    |
| Lifespan (L <sub>70B30</sub> )  | 20.000 hours |
| Length:                         | 5.000 mm     |
| Width:                          | 10 mm        |
| Height:                         | 1,50 mm      |

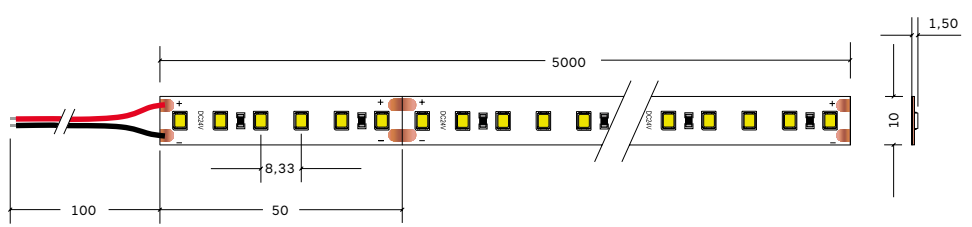
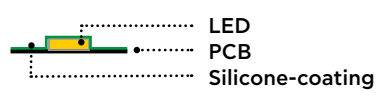
Drawing / Dimensions



♦ No protection



- ♦ Protection from dust
- ♦ Protection from moisture
- ♦ Protection from water jets
- ♦ Unsuitable for standing water



# 3 LED STRIP

# 6 TQRA

52.

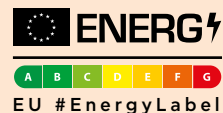
24V  
17 WATT/m  
120 LED/m  
CRI 80+



**3 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20 IP65**

• ECONOMICAL & RELIABLE SOLUTION

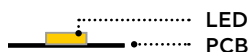
| Protection Rate (IP)             | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| <b>IP20</b>                      | 500073 | CW/6000K                 | 1831             | 107                 | F   | 5206704003674 |
|                                  | 500074 | NW/4000K                 | 1887             | 111                 | F   | 5206704003681 |
|                                  | 500075 | WW/3000K                 | 1744             | 102                 | F   | 5206704003698 |
|                                  | 500100 | WW/2700K                 | 1682             | 99                  | F   | 5206704004435 |
| <b>IP65</b><br>Silicone<br>Spray | 500076 | CW/6000K                 | 1831             | 107                 | F   | 5206704003766 |
|                                  | 500077 | NW/4000K                 | 1887             | 111                 | F   | 5206704003773 |
|                                  | 500078 | WW/3000K                 | 1744             | 102                 | F   | 5206704003780 |
|                                  | 500101 | WW/2700K                 | 1682             | 99                  | F   | 5206704004466 |

| Common Technical Specifications |               |
|---------------------------------|---------------|
| Nominal voltage:                | 24 Vdc        |
| Nominal wattage:                | 17 W/m        |
| Beam angle:                     | 120°          |
| CRI (Ra):                       | >80           |
| IP protection:                  | IP20/IP65     |
| Ambient temperature range (ta): | -20 ... +50°C |
| Number of LEDs/m:               | 120           |
| LED pitch:                      | 8,33 mm       |
| Smallest unit (Length):         | 50 mm         |
| Longest unit (Length):          | 5.000 mm      |
| Dimmable:                       | YES (PWM)     |
| Lifespan (L <sub>70B30</sub> )  | 20.000 hours  |
| Length:                         | 5.000 mm      |
| Width:                          | 10 mm         |
| Height:                         | 1,50 mm       |

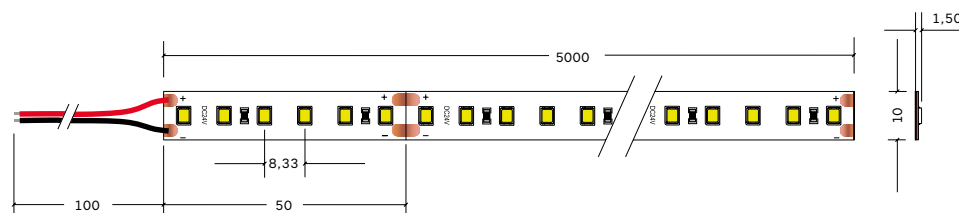
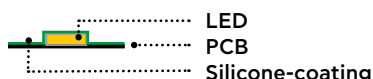
Drawing / Dimensions



- No protection



- Protection from dust
- Protection from moisture
- Protection from water jets
- Unsuitable for standing water



# 3 LED STRIP

# 6 TQRA

53.

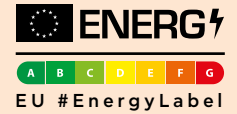
24V  
9,6 WATT/m  
240 LED/m  
CRI 80+



**3 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20 IP65**

♦ ECONOMICAL & RELIABLE SOLUTION

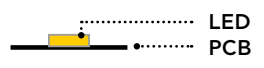
| Protection Rate (IP)             | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| <b>IP20</b>                      | 500203 | CW/6000K                 | 1115             | 116                 | F   | 5206704006248 |
|                                  | 500202 | NW/4000K                 | 1145             | 119                 | E   | 5206704006231 |
|                                  | 500201 | WW/3000K                 | 1092             | 114                 | F   | 5206704006224 |
|                                  | 500200 | WW/2700K                 | 1055             | 110                 | F   | 5206704006217 |
| <b>IP65</b><br>Silicone<br>Spray | 500207 | CW/6000K                 | 1115             | 116                 | F   | 5206704006286 |
|                                  | 500206 | NW/4000K                 | 1145             | 119                 | F   | 5206704006279 |
|                                  | 500205 | WW/3000K                 | 1092             | 114                 | F   | 5206704006262 |
|                                  | 500204 | WW/2700K                 | 1055             | 110                 | F   | 5206704006255 |

| Common Technical Specifications |              |
|---------------------------------|--------------|
| Nominal voltage:                | 24 Vdc       |
| Nominal wattage:                | 9,6 W/m      |
| Beam angle:                     | 120°         |
| CRI (Ra):                       | >80          |
| IP protection:                  | IP20/IP65    |
| Ambient temperature range (ta): | -20...+50°C  |
| Number of LEDs/m:               | 240          |
| LED pitch:                      | 4,17 mm      |
| Smallest unit (Length):         | 25 mm        |
| Longest unit (Length):          | 5.000 mm     |
| Dimmable:                       | YES (PWM)    |
| Lifespan (L <sub>70B30</sub> )  | 20.000 hours |
| Length:                         | 5.000 mm     |
| Width:                          | 10 mm        |
| Height:                         | 1,50 mm      |

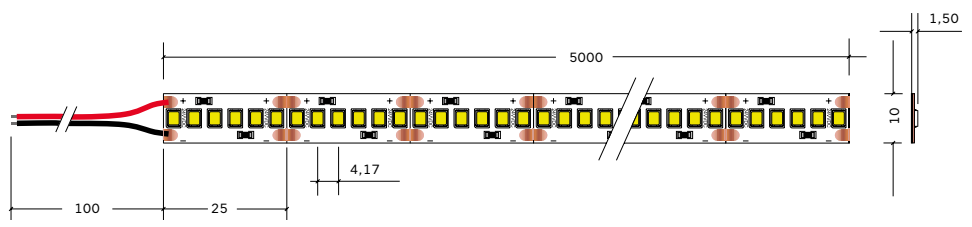
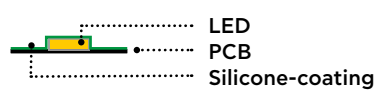
Drawing / Dimensions



♦ No protection



- ♦ Protection from dust
- ♦ Protection from moisture
- ♦ Protection from water jets
- ♦ Unsuitable for standing water



# 3 LED STRIP

# 6 TQRA

54.

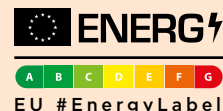
24V  
19,2 WATT/m  
240 LED/m  
CRI 80+



**3 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP20 IP65**

• ECONOMICAL & RELIABLE SOLUTION

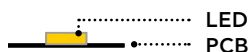
| Protection Rate (IP)             | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| <b>IP20</b>                      | 500211 | CW/6000K                 | 2097             | 109                 | F   | 5206704006323 |
|                                  | 500210 | NW/4000K                 | 2151             | 112                 | F   | 5206704006316 |
|                                  | 500209 | WW/3000K                 | 2057             | 107                 | F   | 5206704006309 |
|                                  | 500208 | WW/2700K                 | 1976             | 103                 | F   | 5206704006293 |
| <b>IP65</b><br>Silicone<br>Spray | 500215 | CW/6000K                 | 2097             | 109                 | F   | 5206704006361 |
|                                  | 500214 | NW/4000K                 | 2151             | 112                 | F   | 5206704006354 |
|                                  | 500213 | WW/3000K                 | 2057             | 107                 | F   | 5206704006347 |
|                                  | 500212 | WW/2700K                 | 1976             | 103                 | F   | 5206704006330 |

| Common Technical Specifications |               |
|---------------------------------|---------------|
| Nominal voltage:                | 24 Vdc        |
| Nominal wattage:                | 19,2 W/m      |
| Beam angle:                     | 120°          |
| CRI (Ra):                       | >80           |
| IP protection:                  | IP20/IP65     |
| Ambient temperature range (ta): | -20 ... +50°C |
| Number of LEDs/m:               | 240           |
| LED pitch:                      | 4,17 mm       |
| Smallest unit (Length):         | 25 mm         |
| Longest unit (Length):          | 5.000 mm      |
| Dimmable:                       | YES (PWM)     |
| Lifespan (L <sub>70B30</sub> )  | 20.000 hours  |
| Length:                         | 5.000 mm      |
| Width:                          | 10 mm         |
| Height:                         | 1,50 mm       |

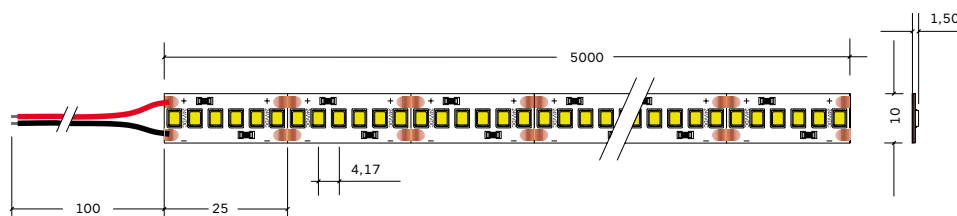
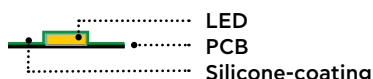
Drawing / Dimensions



• No protection



- Protection from dust
- Protection from moisture
- Protection from water jets
- Unsuitable for standing water



# 3 LED STRIP

## 9 TQRA RGB

55.

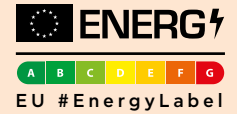
24V  
7,2 WATT/m  
30 LED/m



**3 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming



RGB

**IP20 IP65**

♦ ECONOMICAL & RELIABLE SOLUTION

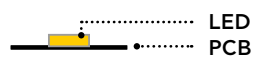
| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|---------------|
| <b>IP20</b>          | 500071 | RED/623 (+/-5)           | 75               | 31                  | 5206704001403 |
|                      |        | GREEN/520 (+/-5)         | 158              | 66                  |               |
|                      |        | BLUE/465 (+/-5)          | 35               | 15                  |               |
| <b>IP65 Silicone</b> | 500072 | RED/623 (+/-5)           | 75               | 31                  | 5206704003995 |
|                      |        | GREEN/520 (+/-5)         | 158              | 66                  |               |
|                      |        | BLUE/465 (+/-5)          | 35               | 15                  |               |

| Common Technical Specifications |               |
|---------------------------------|---------------|
| Nominal voltage:                | 24 Vdc        |
| Nominal wattage:                | 7,2 W/m       |
| Beam angle:                     | 120°          |
| IP protection:                  | IP20/IP65     |
| Ambient temperature range (ta): | -20 ... +50°C |
| Number of LEDs/m:               | 30            |
| LED pitch:                      | 33,33 mm      |
| Smallest unit (Length):         | 166,65 mm     |
| Longest unit (Length):          | 10.000 mm     |
| Dimmable:                       | YES (PWM)     |
| Lifespan (L <sub>70B30</sub> )  | 20.000 hours  |
| Length:                         | 5.000 mm      |
| Width:                          | 10 mm         |
| Height:                         | 2,30 mm       |

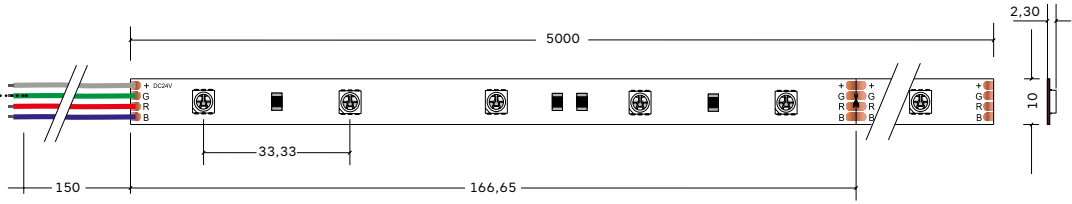
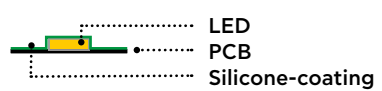
Drawing / Dimensions



♦ No protection



- ♦ Protection from dust
- ♦ Protection from moisture
- ♦ Protection from water jets
- ♦ Unsuitable for standing water



# 3 LED STRIP

# 9 TQRA RGB

56.

24V  
14,4 WATT/m  
60 LED/m



**3 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



A B C D E F G  
EU #EnergyLabel



Dimming



RGB

**IP20 IP65**

• ECONOMICAL & RELIABLE SOLUTION

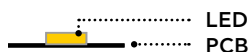
| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|---------------|
| <b>IP20</b>          | 500079 | RED/623 (+/-5)           | 151              | 31                  | 5206704001359 |
|                      |        | GREEN/520 (+/-5)         | 316              | 66                  |               |
|                      |        | BLUE/465 (+/-5)          | 70               | 15                  |               |
| <b>IP65 Silicone</b> | 500080 | RED/623 (+/-5)           | 151              | 31                  | 5206704000673 |
|                      |        | GREEN/520 (+/-5)         | 316              | 66                  |               |
|                      |        | BLUE/465 (+/-5)          | 70               | 15                  |               |

| Common Technical Specifications |               |
|---------------------------------|---------------|
| Nominal voltage:                | 24 Vdc        |
| Nominal wattage:                | 14,4 W/m      |
| Beam angle:                     | 120°          |
| IP protection:                  | IP20/IP65     |
| Ambient temperature range (ta): | -20 ... +50°C |
| Number of LEDs/m:               | 60            |
| LED pitch:                      | 16,67 mm      |
| Smallest unit (Length):         | 100 mm        |
| Longest unit (Length):          | 5.000 mm      |
| Dimmable:                       | YES (PWM)     |
| Lifespan (L <sub>70B30</sub> )  | 20.000 hours  |
| Length:                         | 5.000 mm      |
| Width:                          | 10 mm         |
| Height:                         | 2,30 mm       |

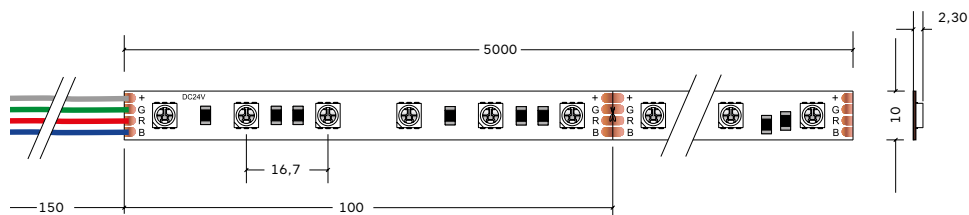
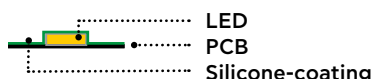
## Drawing / Dimensions



• No protection



- Protection from dust
- Protection from moisture
- Protection from water jets
- Unsuitable for standing water



# 3 LED STRIP

## 10 TQRA RGBW

57.

24V  
19,2 WATT/m  
60 LED/m  
CRI 80+



**3 YEARS WARRANTY**

**TUV SUD**  
EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009

**ENERGY**  
A B C D E F G  
EU #EnergyLabel

Dimming

RGBW

**IP20 IP67**

♦ ECONOMICAL & RELIABLE SOLUTION

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|---------------|
| <b>IP20</b>          | 500117 | RED/623 (+/-5)           | 144              | 30                  | 5206704006736 |
|                      |        | GREEN/520 (+/-5)         | 307              | 64                  |               |
|                      |        | BLUE/465 (+/-5)          | 67               | 14                  |               |
|                      |        | WW/3000K                 | 456              | 95                  |               |
| <b>IP67</b>          | 500118 | RED/623 (+/-5)           | 144              | 30                  | 5206704006743 |
|                      |        | GREEN/520 (+/-5)         | 307              | 64                  |               |
|                      |        | BLUE/465 (+/-5)          | 67               | 14                  |               |
|                      |        | WW/3000K                 | 456              | 95                  |               |

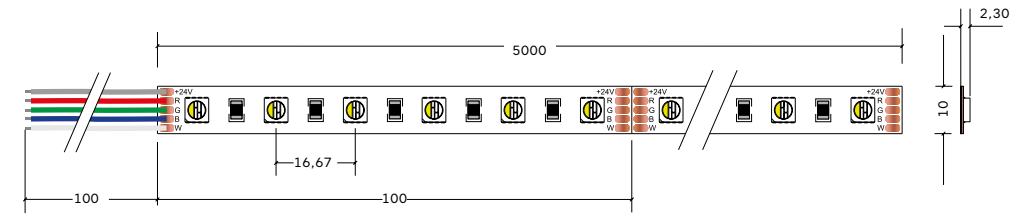
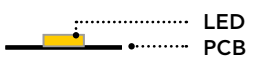
**Common Technical Specifications**

|   |              |
|---|--------------|
| Nominal voltage:                            | 24 Vdc       |
| Nominal wattage:                            | 19,2 W/m     |
| Beam angle:                                 | 120°         |
| IP protection:                              | IP20/IP67    |
| Ambient temperature range (ta):             | -20... +50°C |
| Number of LEDs/m:                           | 60           |
| LED pitch:                                  | 16,67 mm     |
| Smallest unit (Length):                     | 100 mm       |
| Longest unit (Length):                      | 5.000 mm     |
| Dimmable:                                   | YES (PWM)    |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 20.000 hours |
| Length:                                     | 5.000 mm     |
| Width:                                      | 10/12,2 mm   |
| Height:                                     | 2,30/4 mm    |

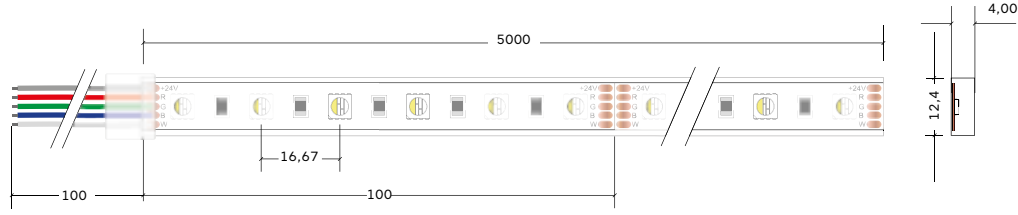
Drawing / Dimensions



• No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion





# 3 LED STRIP

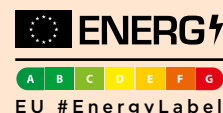
## 11 TQRA NEON RONDO

58.

24V  
12 WATT/m  
256 LED/m  
CRI 80+  
STEP <5



**3 YEARS WARRANTY**



Dimming

**IP65**

• Available in 2m length. On demand available in different sizes with a maximum of 5m.

• ECONOMICAL & RELIABLE SOLUTION

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEl | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| <b>IP65</b>          | 502003 | CW/6500K                 | 1344             | 112                 | C   | 5206704006118 |
|                      | 502002 | NW/4000K                 | 1344             | 112                 | C   | 5206704006101 |
|                      | 502001 | WW/3000K                 | 1308             | 109                 | C   | 5206704006095 |
|                      | 502000 | WW/2700K                 | 1272             | 106                 | C   | 5206704006088 |

### Common Technical Specifications

|                                 |              |
|---------------------------------|--------------|
| Nominal voltage:                | 24 Vdc       |
| Nominal wattage:                | 12W/m        |
| Beam angle:                     | 360°         |
| CRI (Ra):                       | >80          |
| IP protection:                  | IP65         |
| Ambient temperature range (ta): | -20... +50°C |
| Number of LEDs/m:               | 256          |
| Smallest unit (Length):         | -            |
| Longest unit (Length):          | 5.000 mm     |
| Dimmable:                       | YES (PWM)    |
| Lifespan (L <sub>70B30</sub> )  | 25.000 hours |
| Length:                         | 2.000 mm     |
| Diameter:                       | Ø 25,00 mm   |

### Components



Plastic profile 1 meter for LED strip Neon Rondo  
**Code. 132102**

Plastic bracket for LED strip Neon Rondo  
**Code. 132103**

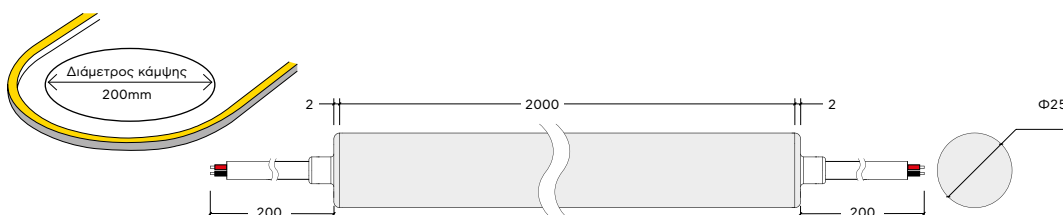
Side metal cap with hole and spiral thread M10 for LED strip Neon Rondo  
**Code. 132104**

Side metal cap for LED strip Neon Rondo  
**Code. 132105**

### Drawing / Dimensions



- Protection from dust
- Protection from moisture
- Protection from water jets
- Unsuitable for standing water



# 3 LED STRIP

## 12 TQRA Dotless

### 59. SLIMLINE 5mm

24V  
3 WATT/m  
384 LED/m  
CRI 90+



♦ ECONOMICAL & RELIABLE SOLUTION

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 502011 | CW/6000K                 | 304              | 102                 | F   | 5206704008655 |
|                      | 502010 | NW/4000K                 | 308              | 102                 | F   | 5206704008648 |
|                      | 502009 | WW/3000K                 | 294              | 98                  | F   | 5206704008631 |
|                      | 502008 | WW/2700K                 | 286              | 95                  | F   | 5206704008624 |

| Common Technical Specifications |              |
|---------------------------------|--------------|
| Nominal voltage:                | 24 Vdc       |
| Nominal wattage:                | 3 W/m        |
| Beam angle:                     | 140°         |
| CRI (Ra):                       | >90          |
| IP protection:                  | IP20         |
| Ambient temperature range (ta): | -20...+50°C  |
| Number of LEDs/m:               | 384          |
| Smallest unit (Length):         | 41,67 mm     |
| Longest unit (Length):          | 5.000 mm     |
| Dimmable:                       | YES (PWM)    |
| Lifespan (L <sub>70B30</sub> )  | 20.000 hours |
| Length:                         | 5.000 mm     |
| Width:                          | 5,00 mm      |
| Height:                         | 2,00 mm      |

#### Components



Opal cover for slim line profile  
Code. 132111

Profile for LED strip slim line 5mm  
Code. 132110

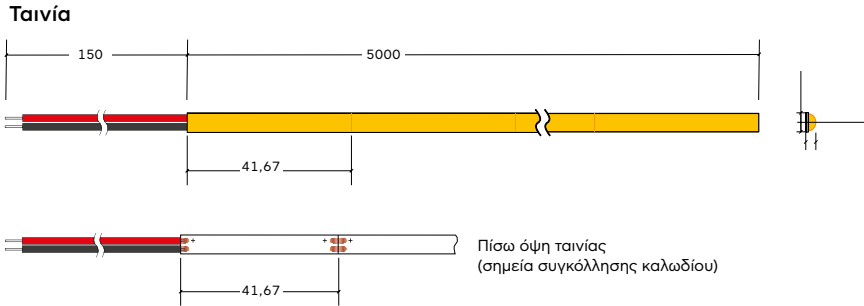
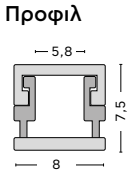
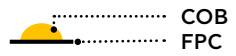
Bracket for slim line Profile  
Code. 132112

Side tap for slim line Profile  
Code. 132113

#### Drawing / Dimensions



♦ No protection



Πίσω όψη ταινίας (σημεία συγκόλλησης καλωδίου)

# 3 LED STRIP

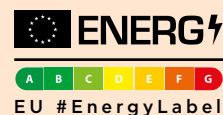
## 12 TQRA Dotless

### 60. SLIMLINE 5mm

24V  
6 WATT/m  
384 LED/m  
CRI 90+



**3 YEARS WARRANTY**



Dimming

**IP20**

♦ ECONOMICAL & RELIABLE SOLUTION

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 502007 | CW/6000K                 | 564              | 94                  | F   | 5206704006200 |
|                      | 502006 | NW/4000K                 | 564              | 94                  | F   | 5206704006194 |
|                      | 502005 | WW/3000K                 | 546              | 91                  | G   | 5206704006187 |
|                      | 502004 | WW/2700K                 | 528              | 88                  | G   | 5206704006170 |

| Common Technical Specifications |               |
|---------------------------------|---------------|
| Nominal voltage:                | 24 Vdc        |
| Nominal wattage:                | 6 W/m         |
| Beam angle:                     | 140°          |
| CRI (Ra):                       | >90           |
| IP protection:                  | IP20          |
| Ambient temperature range (ta): | -20 ... +50°C |
| Number of LEDs/m:               | 384           |
| Smallest unit (Length):         | 41,67 mm      |
| Longest unit (Length):          | 5.000 mm      |
| Dimmable:                       | YES (PWM)     |
| Lifespan (L <sub>70B30</sub> )  | 20.000 hours  |
| Length:                         | 5.000 mm      |
| Width:                          | 5,00 mm       |
| Height:                         | 2,00 mm       |

#### Components



Opal cover for slim line profile  
Code. 132111

Profile for LED strip slim line 5mm  
Code. 132110

Bracket for slim line Profile  
Code. 132112

Side tap for slim line Profile  
Code. 132113

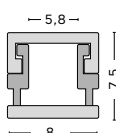
#### Drawing / Dimensions



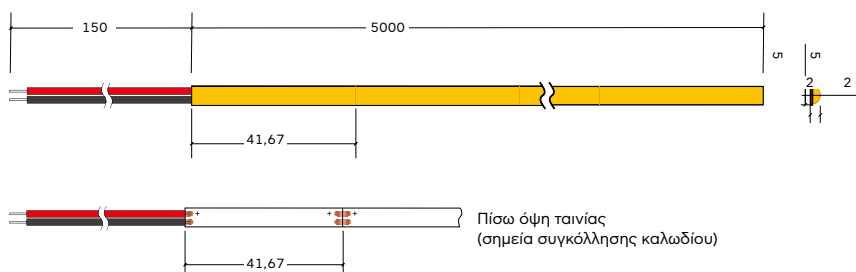
♦ No protection

..... COB  
..... FPC

#### Profile



#### LED strip



# 3 LED STRIP

## 12 TQRA Dotless

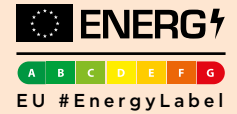
61.

24V  
9 WATT/m  
504 LED/m  
CRI 90+



**3 YEARS WARRANTY**

**NEW! PRODUCT**



Dimming

**IP20**

♦ ECONOMICAL & RELIABLE SOLUTION

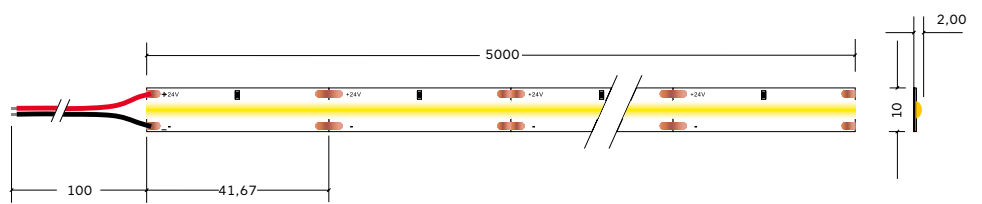
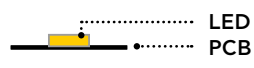
| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| <b>IP20</b>          | 502017 | CW/6000K                 | 836              | 93                  | F   | 5206704009607 |
|                      | 502016 | NW/4000K                 | 837              | 93                  | F   | 5206704009591 |
|                      | 502015 | WW/3000K                 | 781              | 87                  | F   | 5206704009584 |
|                      | 502014 | WW/2700K                 | 765              | 85                  | F   | 5206704009577 |

| Common Technical Specifications |              |
|---------------------------------|--------------|
| Nominal voltage:                | 24 Vdc       |
| Nominal wattage:                | 12 W/m       |
| Beam angle:                     | 180°         |
| CRI (Ra):                       | >90          |
| IP protection:                  | IP20         |
| Ambient temperature range (ta): | -20... +50°C |
| Number of LEDs/m:               | 504          |
| Smallest unit (Length):         | 41,67 mm     |
| Longest unit (Length):          | 5.000 mm     |
| Dimmable:                       | YES (PWM)    |
| Lifespan (L <sub>70B30</sub> )  | 20.000 hours |
| Length:                         | 5.000 mm     |
| Width:                          | 10 mm        |
| Height:                         | 2,00 mm      |

Drawing / Dimensions



♦ No protection



# 3 LED STRIP

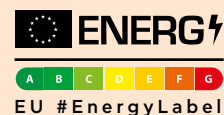
## 12 TQRA Dotless

62.

24V  
12 WATT/m  
504 LED/m  
CRI 90+



**3 YEARS WARRANTY**



Dimming

**IP20**

• ECONOMICAL & RELIABLE SOLUTION

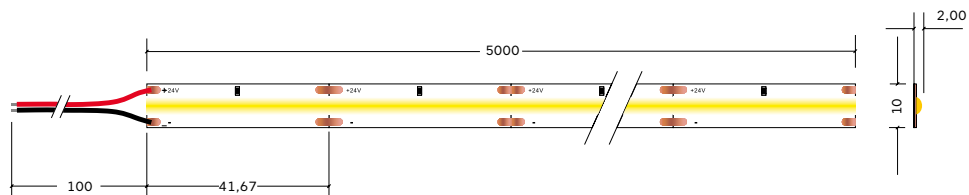
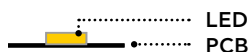
| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEI | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP20                 | 500114 | CW/6000K                 | 1075             | 90                  | G   | 5206704005647 |
|                      | 500113 | NW/4000K                 | 1082             | 90                  | G   | 5206704005630 |
|                      | 500112 | WW/3000K                 | 1021             | 85                  | G   | 5206704005623 |

| Common Technical Specifications |               |
|---------------------------------|---------------|
| Nominal voltage:                | 24 Vdc        |
| Nominal wattage:                | 12 W/m        |
| Beam angle:                     | 180°          |
| CRI (Ra):                       | >90           |
| IP protection:                  | IP20          |
| Ambient temperature range (ta): | -20 ... +50°C |
| Number of LEDs/m:               | 504           |
| Smallest unit (Length):         | 41,67 mm      |
| Longest unit (Length):          | 5.000 mm      |
| Dimmable:                       | YES (PWM)     |
| Lifespan (L <sub>70B30</sub> )  | 20.000 hours  |
| Length:                         | 5.000 mm      |
| Width:                          | 10 mm         |
| Height:                         | 2,00 mm       |

Drawing / Dimensions



• No protection

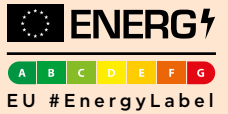
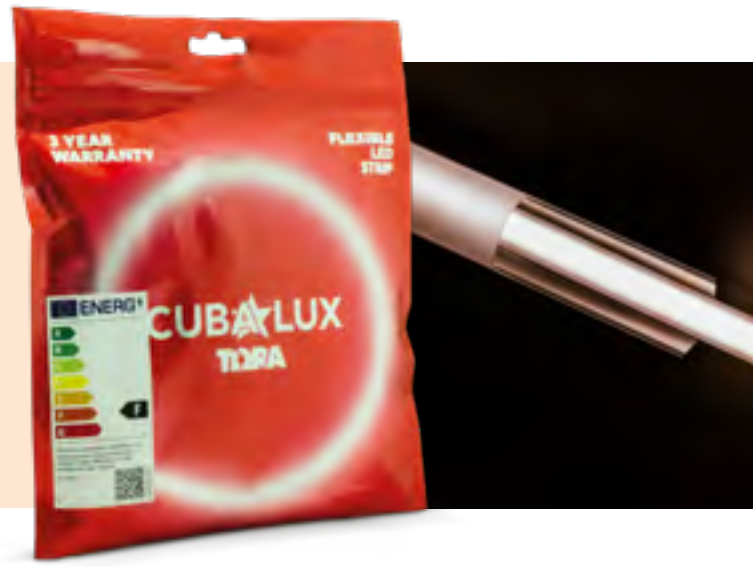


# 3 LED STRIP

## 12 TQRA Dotless

63.

24V  
6 WATT/m  
320 LED/m  
CRI 90+  
STEP<3



Dimming

IP67

♦ ECONOMICAL & RELIABLE SOLUTION

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP67                 | 502030 | CW/6500K                 | 630              | 105                 | F   | 5206704009874 |
|                      | 502029 | NW/4000K                 | 648              | 108                 | F   | 5206704009867 |
|                      | 502028 | WW/3000K                 | 612              | 102                 | F   | 5206704009850 |
|                      | 502027 | WW/2700K                 | 600              | 100                 | F   | 5206704009843 |

| Common Technical Specifications |              |
|---------------------------------|--------------|
| Nominal voltage:                | 24 Vdc       |
| Nominal wattage:                | 6 W/m        |
| Beam angle:                     | 140°         |
| CRI (Ra):                       | >90          |
| IP protection:                  | IP67         |
| Ambient temperature range (ta): | -20... +50°C |
| Number of LEDs/m:               | 320          |
| Smallest unit (Length):         | 25 mm        |
| Longest unit (Length):          | 5.000 mm     |
| Dimmable:                       | YES (PWM)    |
| Lifespan (L70B30)               | 50.000 hours |
| Length:                         | 5.000 mm     |
| Width:                          | 10 mm        |
| Height:                         | 5 mm         |

Components



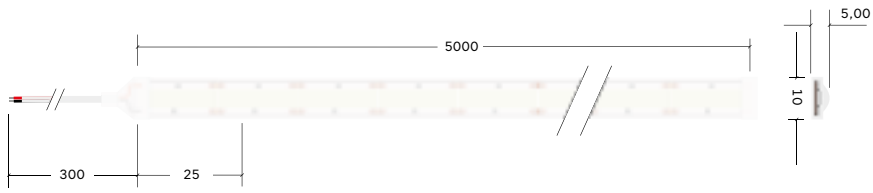
Silicone terminal plug with cable hole  
Code. 502031

Silicone terminal plug  
Code. 502032

Drawing / Dimensions



- Protection from dust
- Protection from humidity
- Temporary water submersion



# 3 LED STRIP

## 12 TQRA Dotless

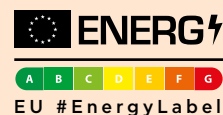
64.

24V  
9 WATT/m  
368 LED/m  
CRI 90+  
STEP<3



**3 YEARS WARRANTY**

**NEW! PRODUCT**



Dimming

**IP67**

♦ ECONOMICAL & RELIABLE SOLUTION

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEl | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| <b>IP67</b>          | 502026 | CW/6500K                 | 945              | 105                 | F   | 5206704009805 |
|                      | 502025 | NW/4000K                 | 972              | 108                 | F   | 5206704009812 |
|                      | 502024 | WW/3000K                 | 918              | 102                 | F   | 5206704009829 |
|                      | 502023 | WW/2700K                 | 900              | 100                 | F   | 5206704009836 |

| Common Technical Specifications |               |
|---------------------------------|---------------|
| Nominal voltage:                | 24 Vdc        |
| Nominal wattage:                | 9 W/m         |
| Beam angle:                     | 140°          |
| CRI (Ra):                       | >90           |
| IP protection:                  | IP67          |
| Ambient temperature range (ta): | -20 ... +50°C |
| Number of LEDs/m:               | 368           |
| Smallest unit (Length):         | 21,7 mm       |
| Longest unit (Length):          | 5.000 mm      |
| Dimmable:                       | YES (PWM)     |
| Lifespan (L <sub>70B30</sub> )  | 50.000 hours  |
| Length:                         | 5.000 mm      |
| Width:                          | 10 mm         |
| Height:                         | 5 mm          |

Components



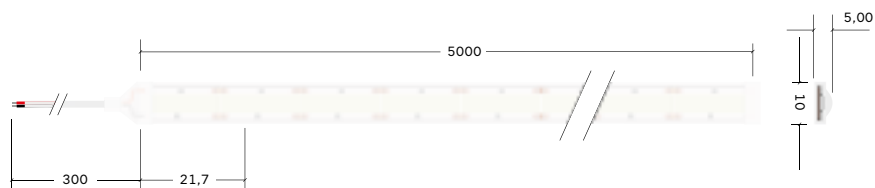
Silicone terminal plug with cable hole  
Code. 502031

Silicone terminal plug  
Code. 502032

Drawing / Dimensions



- ♦ Protection from dust
- ♦ Protection from humidity
- ♦ Temporary water submersion

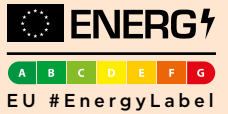
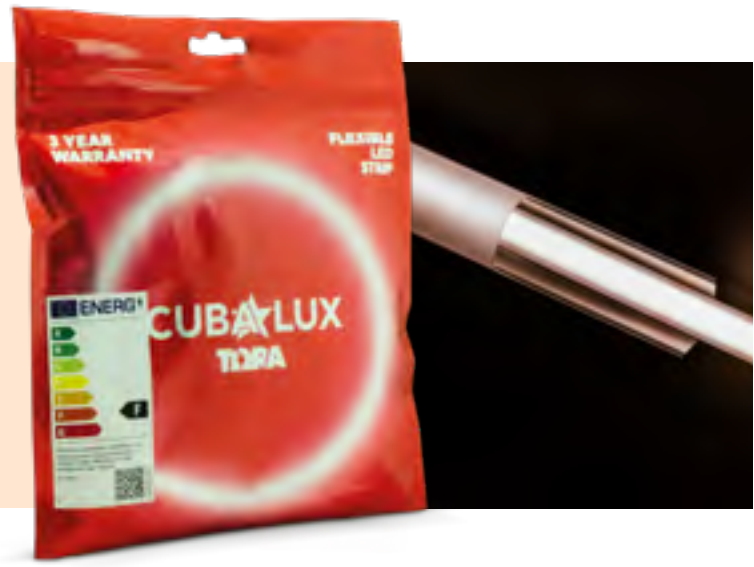


# 3 LED STRIP

## 12 TQRA Dotless

65.

24V  
12 WATT/m  
416 LED/m  
CRI 90+  
STEP<3



Dimming

**IP67**

♦ ECONOMICAL & RELIABLE SOLUTION

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| <b>IP67</b>          | 502022 | CW/6500K                 | 1260             | 105                 | F   | 5206704009799 |
|                      | 502021 | NW/4000K                 | 1296             | 108                 | F   | 5206704009782 |
|                      | 502020 | WW/3000K                 | 1224             | 102                 | F   | 5206704009775 |
|                      | 502019 | WW/2700K                 | 1200             | 100                 | F   | 5206704009768 |

| Common Technical Specifications |              |
|---------------------------------|--------------|
| Nominal voltage:                | 24 Vdc       |
| Nominal wattage:                | 12 W/m       |
| Beam angle:                     | 140°         |
| CRI (Ra):                       | >90          |
| IP protection:                  | IP67         |
| Ambient temperature range (ta): | -20... +50°C |
| Number of LEDs/m:               | 416          |
| Smallest unit (Length):         | 19,2 mm      |
| Longest unit (Length):          | 5.000 mm     |
| Dimmable:                       | YES (PWM)    |
| Lifespan (L <sub>70B30</sub> )  | 50.000 hours |
| Length:                         | 5.000 mm     |
| Width:                          | 10 mm        |
| Height:                         | 5 mm         |

Components



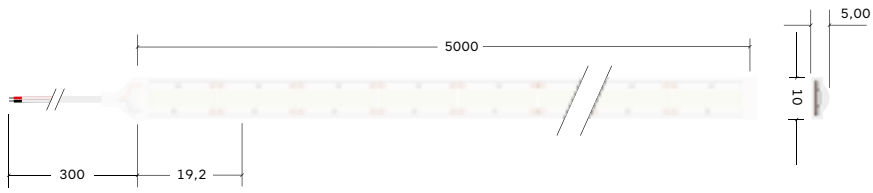
Silicone terminal plug with cable hole  
Code. 502031

Silicone terminal plug  
Code. 502032

Drawing / Dimensions



- Protection from dust
- Protection from humidity
- Temporary water submersion





# 3 LED STRIP

## 12 TDRA Dotless RGB

66.

24V  
14 WATT/m  
768 LED/m



EN 62031:2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



A B C D E F G  
EU #EnergyLabel



Dimming



RGB

IP20 IP67

• ECONOMICAL & RELIABLE SOLUTION

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|---------------|
| IP20                 | 502013 | RED/623 (+/-5)           | 160              | 24                  | 5206704009256 |
|                      |        | GREEN/520 (+/-5)         | 290              | 95                  |               |
|                      |        | BLUE/465 (+/-5)          | 70               | 16                  |               |
| IP67                 | 502018 | RED/623 (+/-5)           | 150              | 22                  | 5206704009614 |
|                      |        | GREEN/520 (+/-5)         | 273              | 89                  |               |
|                      |        | BLUE/465 (+/-5)          | 66               | 15                  |               |

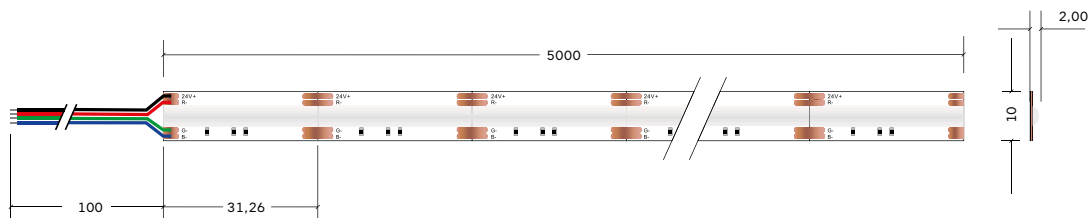
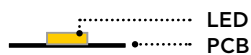
### Common Technical Specifications

|                                 |               |
|---------------------------------|---------------|
| Nominal voltage:                | 24 Vdc        |
| Nominal wattage:                | 14 W/m        |
| Beam angle:                     | 140°          |
| IP protection:                  | IP20/IP67     |
| Ambient temperature range (ta): | -20 ... +50°C |
| Number of LEDs/m:               | 768           |
| Smallest unit (Length):         | 31,26 mm      |
| Longest unit (Length):          | 5.000 mm      |
| Dimmable:                       | YES (PWM)     |
| Lifespan (L <sub>70B30</sub> )  | 20.000 hours  |
| Length:                         | 5.000 mm      |
| Width:                          | 10/12,4 mm    |
| Height:                         | 2,00/4,00 mm  |

### Drawing / Dimensions



• No protection



- Protection from dust
- Protection from humidity
- Temporary water submersion



# 3 LED STRIP

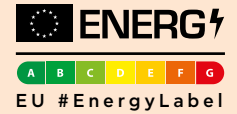
## 13 TQRA Neon

### 67. Side Lighting 6x13

24V  
12 WATT/m  
120 LED/m  
CRI 80+



**3 YEARS WARRANTY**



Dimming

**IP67**

♦ ECONOMICAL & RELIABLE SOLUTION

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| <b>IP67</b>          | 500121 | CW/5700K                 | 492              | 41                  | F   | 5206704006871 |
|                      | 500120 | NW/4000K                 | 504              | 42                  | F   | 5206704006774 |
|                      | 500119 | WW/3000K                 | 468              | 39                  | F   | 5206704006767 |
|                      | 502012 | WW/2700K                 | 432              | 36                  | F   | 5206704009249 |

| Common Technical Specifications             |              |
|---|--------------|
| Nominal voltage:                            | 24 Vdc       |
| Nominal wattage:                            | 12W/m        |
| CRI (Ra):                                   | >80          |
| IP protection:                              | IP67         |
| Ambient temperature range (ta):             | -20... +50°C |
| Number of LEDs/m:                           | 120          |
| Smallest unit (Length):                     | 50 mm        |
| Longest unit (Length):                      | 5.000 m      |
| Dimmable:                                   | YES (PWM)    |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 20.000 hours |
| Length:                                     | 5.000 m      |
| Width:                                      | 6,00 mm      |
| Height:                                     | 13,00 mm     |

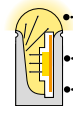
#### Components

|   |   |   |  |  |
|---|---|---|--|--|
|   |   |   |  |  |
| Metal bracket for neon 13x6<br>Code. 500128 | Metal straight profile 1m for neon 13x6<br>Code. 500133 | Metal flexible profile 1m for neon 13x6<br>Code. 500129 | Side cap with hole for neon 13x6<br>Code. 500130 | Side cap for neon 13x6<br>Code. 500131 |

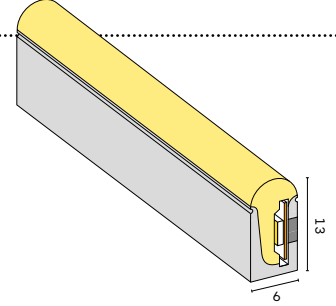
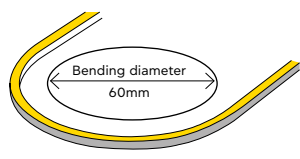
#### Drawing / Dimensions



- Protection from dust
- Protection from humidity
- Temporary water submersion



- Silicone Neon Tube
- LED
- PCB



# 3 LED STRIP

## 13 TQRA Neon Colors

### 68. Side Lighting 6x13

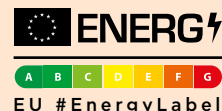
24V  
12 WATT/m  
120 LED/m



**3 YEARS WARRANTY**



EN 62031 :2008/A2:2015  
EN 55015:2013/A1:2015  
EN61547:2009



Dimming

**IP67**

• ECONOMICAL & RELIABLE SOLUTION

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|---------------|
| <b>IP67</b>          | 500122 | BLUE                     |                  |                     | 5206704006798 |
|                      | 500123 | RED                      |                  |                     | 5206704006804 |
|                      | 500124 | GREEN                    |                  |                     | 5206704006811 |
|                      | 500125 | YELLOW                   |                  |                     | 5206704006828 |
|                      | 500126 | PURPLE                   |                  |                     | 5206704006842 |
|                      | 500127 | ICE BLUE                 |                  |                     | 5206704006859 |

#### Common Technical Specifications

|                                 |               |
|---------------------------------|---------------|
| Nominal voltage:                | 24 Vdc        |
| Nominal wattage:                | 12 W/m        |
| IP protection:                  | IP67          |
| Ambient temperature range (ta): | -20 ... +50°C |
| Number of LEDs/m:               | 120           |
| Smallest unit (Length):         | 50 mm         |
| Longest unit (Length):          | 5.000 m       |
| Dimmable:                       | YES (PWM)     |
| Lifespan (L <sub>70B30</sub> )  | 20.000 hours  |
| Length:                         | 5.000 m       |
| Width:                          | 6,00 mm       |
| Height:                         | 13,00 mm      |

#### Components



Metal bracket for neon 13x6  
Code. 500128

Metal straight profile 1m for neon 13x6  
Code. 500133

Metal flexible profile 1m for neon 13x6  
Code. 500129

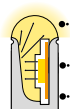
Side cap with hole for neon 13x6  
Code. 500130

Side cap for neon 13x6  
Code. 500131

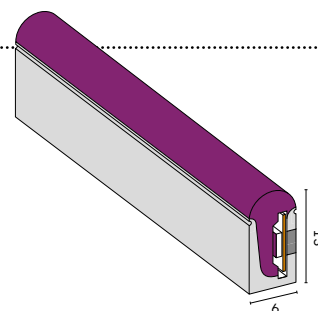
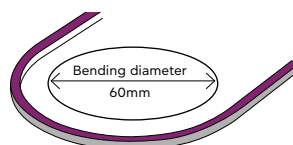
#### Drawing / Dimensions



- Protection from dust
- Protection from humidity
- Temporary water submersion



- Silicone Neon Tube
- LED
- PCB



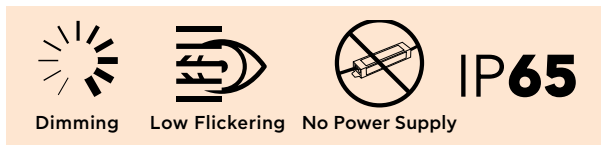
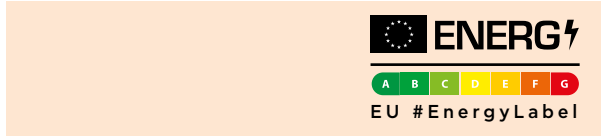
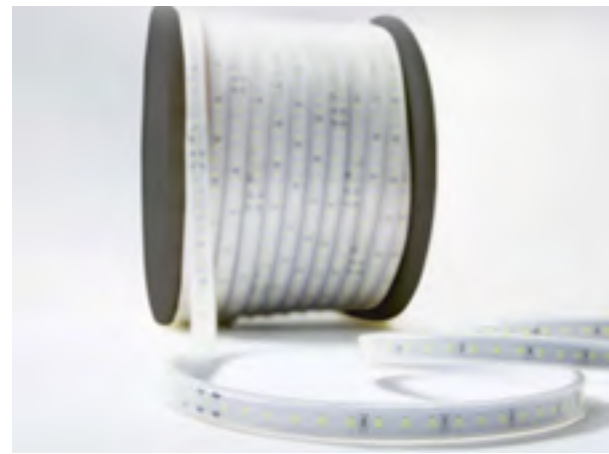
# 3 LED STRIP

## 14 TQRA 230Vac

### 69. High Voltage IP65

230Vac  
 7 WATT/m  
 60 LED/m  
 CRI 80+  
 STEP <5

25m/roll  
 100m oper. length



- Package 50m
- Operating length 100m

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| IP65                 | 600003 | CW/6000K                 | 700              | 100                 | F   | 5206704005654 |
|                      | 600002 | NW/4000K                 | 665              | 95                  | F   | 5206704005661 |
|                      | 600001 | WW/3000K                 | 630              | 90                  | G   | 5206704005678 |

| Common Technical Specifications             |                    |
|---|--------------------|
| Nominal voltage:                            | 230 Vac<br>50/60Hz |
| Nominal wattage:                            | 7 W/m              |
| Power factor:                               | >0,9               |
| Beam angle:                                 | 120°               |
| CRI (Ra):                                   | >80                |
| IP protection:                              | IP65               |
| Ambient temperature range (ta):             | -20... +50°C       |
| Number of LEDs/m:                           | 60                 |
| LED pitch:                                  | 16,67 mm           |
| Smallest unit (Length):                     | 200 mm             |
| Longest unit (Length):                      | 100 m              |
| Dimmable:                                   | YES (PWM)          |
| Lifespan (L <sub>70</sub> B <sub>30</sub> ) | 36.000 hours       |
| Length:                                     | 50 m               |
| Width:                                      | 12,00 mm           |
| Height:                                     | 4,00 mm            |

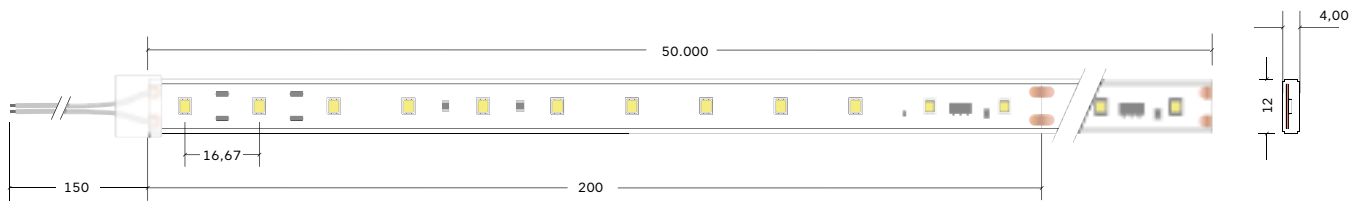
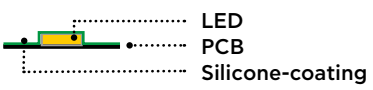
#### Πλεονεκτήματα

- Direct connection to the AC network without the need for a separate Driver (Rectifier)
- Design using multiple rectifiers in the tape circuit
- Separate rectification system per LED strip section
- Small cutting sections
- Low flickering
- High Reliability
- Safety

#### Drawing / Dimensions



- Protection from dust
- Protection from moisture
- Protection from water jets
- Unsuitable for standing water



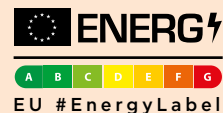
# 3 LED STRIP

## 14 TQRA 230Vac

### 70. High Voltage IP65

230Vac  
**12 WATT/m**  
 120 LED/m  
 CRI 80+  
 STEP <5

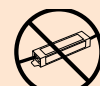
25m /roll  
 50m oper. length



Dimming



Low Flickering



No Power Supply

**IP65**

- Package 50m
- Operating length 50m

| Protection Rate (IP) | Code   | Color Temp. /CT (Kelvin) | Luminous Flux /m | Luminous Efficiency | EEL | EAN           |
|----------------------|--------|--------------------------|------------------|---------------------|-----|---------------|
| <b>IP65</b>          | 600006 | CW/6000K                 | 1200             | 100                 | F   | 5206704005685 |
|                      | 600005 | NW/4000K                 | 1140             | 95                  | F   | 5206704005692 |
|                      | 600004 | WW/3000K                 | 1080             | 90                  | G   | 5206704005708 |

| Common Technical Specifications |                    |
|---------------------------------|--------------------|
| Nominal voltage:                | 230 Vac<br>50/60Hz |
| Nominal wattage:                | 12W/m              |
| Power factor:                   | >0,9               |
| Beam angle:                     | 120°               |
| CRI (Ra):                       | >80                |
| IP protection:                  | IP65               |
| Ambient temperature range (ta): | -20 ... +50°C      |
| Number of LEDs/m:               | 120                |
| LED pitch:                      | 8,34 mm            |
| Smallest unit (Length):         | 100 mm             |
| Longest unit (Length):          | 50 m               |
| Dimmable:                       | YES (PWM)          |
| Lifespan (L <sub>70B30</sub> )  | 36.000 hours       |
| Length:                         | 50 m               |
| Width:                          | 12,00 mm           |
| Height:                         | 4,00 mm            |

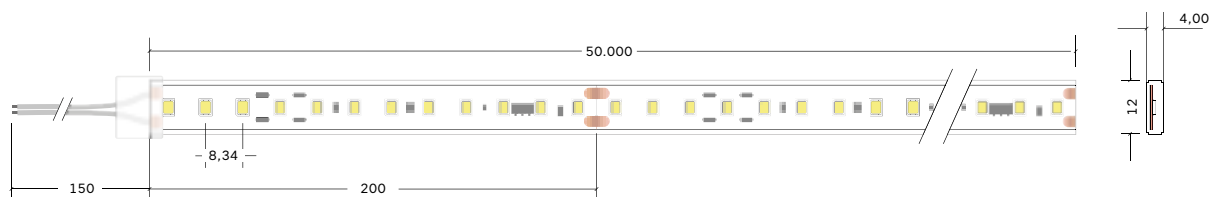
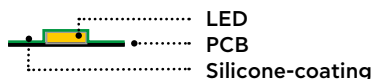
#### Πλεονεκτήματα

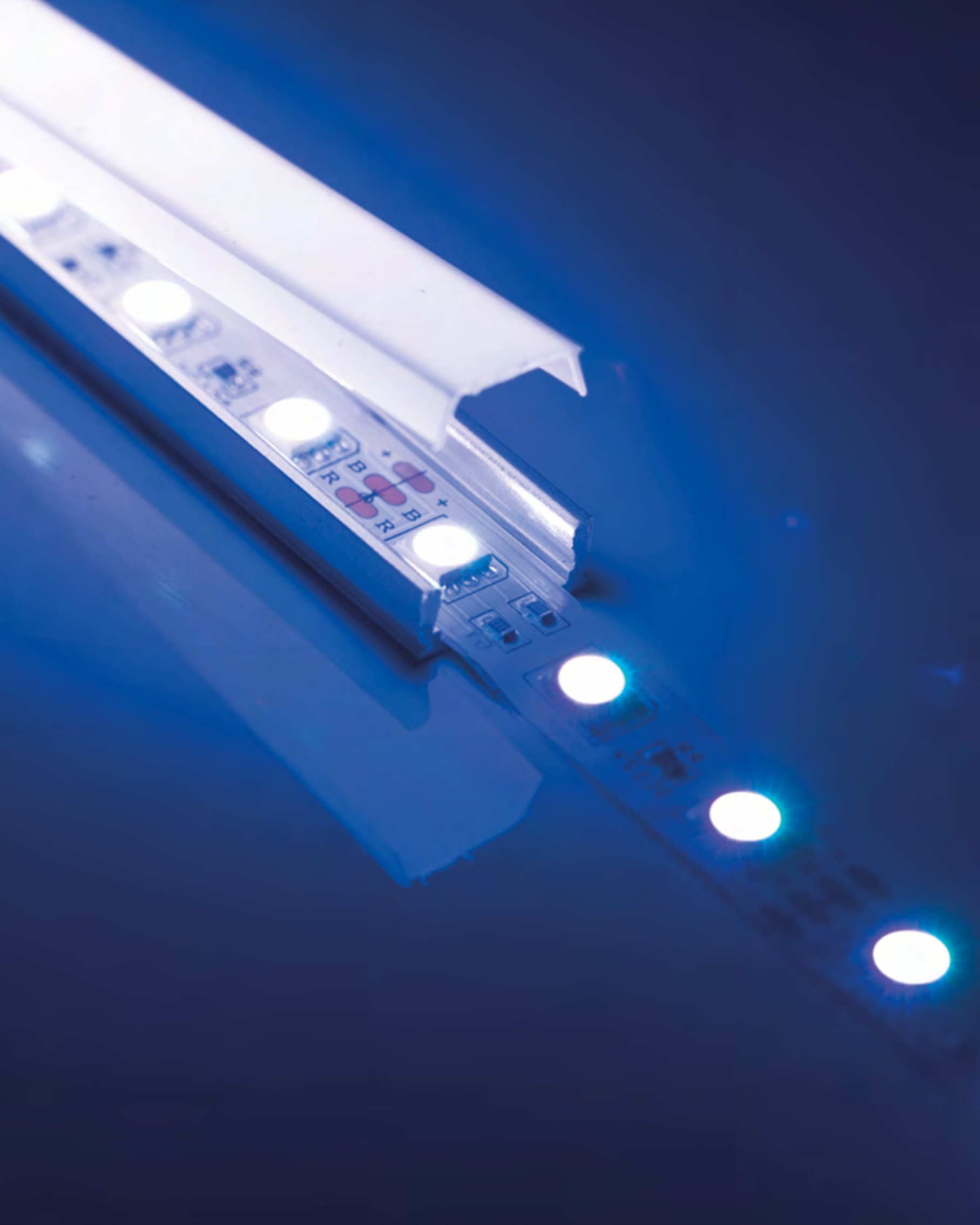
- Direct connection to the AC network without the need for a separate Driver (Rectifier)
- Design using multiple rectifiers in the tape circuit
- Separate rectification system per LED strip section
- Small cutting sections
- Low flickering
- High Reliability
- Safety

#### Drawing / Dimensions



- Protection from dust
- Protection from moisture
- Protection from water jets
- Unsuitable for standing water



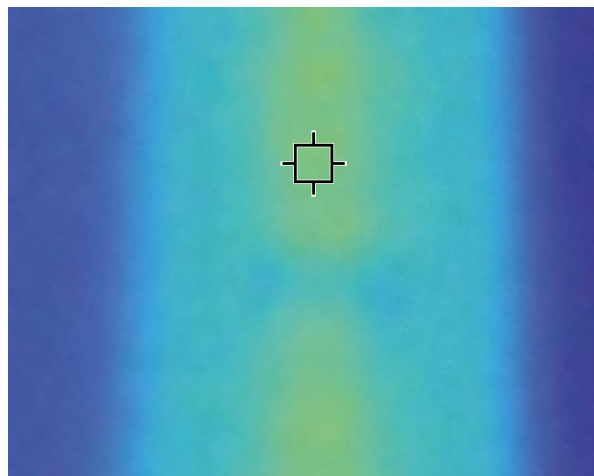
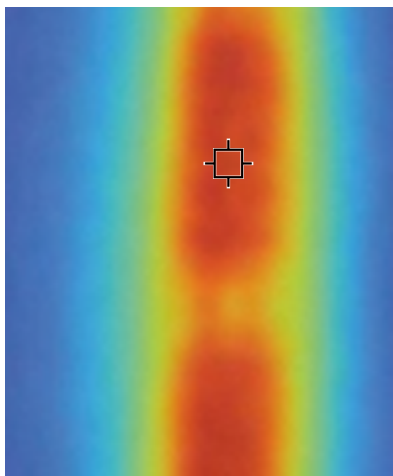


"It is during our  
darkest moments  
that we must focus  
to see the light."

*~ARISTOTLE ONASSIS*

# 4 ALUMINIUM PROFILE

## Advantages



High ambient temperature is the most common reason for the luminous flux reduction of an LED strip.

An LED strip should always be operated within the recommended ambient temperature range.

Therefore, the use of appropriate aluminum profiles is highly recommended.

### Advantages.

Our aluminum profiles, apart from offering a high aesthetic result, they secure the **correct heat dissipation**, so the LED tape is operating normally reaching their **full lifetime**.

In all types of LED strip installation, the opal covers of the profiles are also recommended, in order to avoid or **reduce the "dot effect"** and therefore glare.

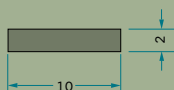
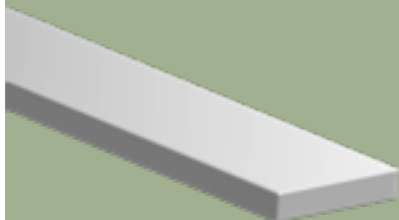
All our profiles are made from **high quality anodized aluminium**.

All profile covers are **made from PC**. So the final luminous flux is very close to the one of the LED strip, protecting at the same time the LEDs mechanically.

### Simplest Solution

#### Aluminum Plate

Code. 130249



#### Flexible Aluminum Profile



Opal Cover for Flexible Aluminum Profile

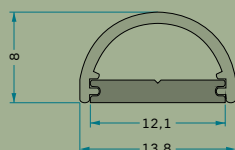
Code. 130251

Flexible Aluminum Profile

Code. 130250

#### Aluminum Plate with opal cover

Code. 130034



#### Components



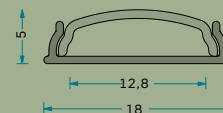
End Cap for Flexible Profile

Code. 130253



Holder for Flexible Profile

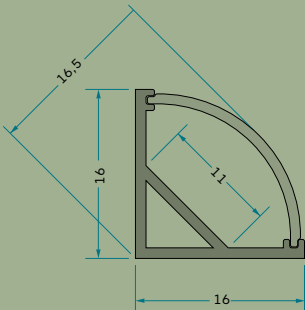
Code. 130252





# 4 ALUMINIUM PROFILE

## 1. Aluminium Profile **Corner**



Cover for Corner Profile  
Code. 980709

Corner Aluminum Profile  
Code. 980039

Corner White Aluminum Profile  
Code. 130894



**Components**

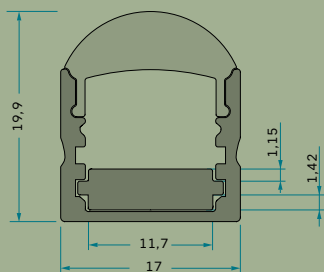


End Cap for Corner Profile  
Code. 130559



Holder for Corner Profile  
Code. 130568

## 2. Aluminium Profile **with Lens**



Special Lens Cover  
Code. 131071

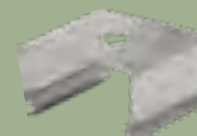
Aluminum Profile for Lens  
Code. 131070



**Components**



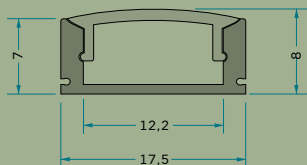
End Caps for  
Aluminum Profile with Lens  
Code. 131072



Holder for  
Aluminum Profile with Lens  
Code. 131073

# 4 ALUMINIUM PROFILE

## 3. Aluminium Profile "Π" Shape



**Opal Cover**  
for "Π" Profile

**Code. 130624**

**Semi-transparent Cover**  
for "Π" Profile

**Code. 130524**

**Transparent Cover**  
for "Π" Profile

**Code. 131012**

Aluminum "Π" Profile

**Code. 130623**

White Aluminum "Π" Profile

**Code. 130892**

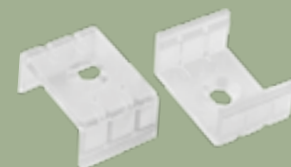


### Components



End Caps for "Π" Profile

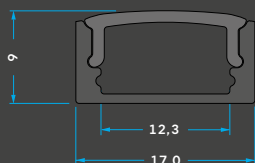
**Code. 130625**



Holder for "Π" Profile

**Code. 130626**

## BLACK SERIES



**Black semi-transparent Cover**  
for black "Π" Profile

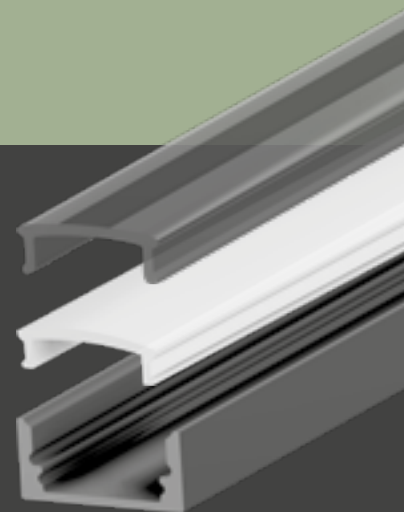
**Code. 131101**

**Black Opal Cover**  
for black "Π" Profile

**Code. 130896**

Black Aluminum "Π" Profile

**Code. 131100**



### Components



End Caps for "Π" Profile

**Code. 131102**

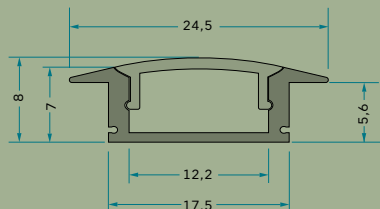


Holder for "Π" Profile

**Code. 131103**

## 4 ALUMINIUM PROFILE

### 4. Aluminium Profile Recessed



**Opal Cover**  
for "Π" Profile

**Code. 130624**

**Semi-transparent Cover**  
for "Π" Profile

**Code. 130524**

**Transparent Cover**  
for "Π" Profile

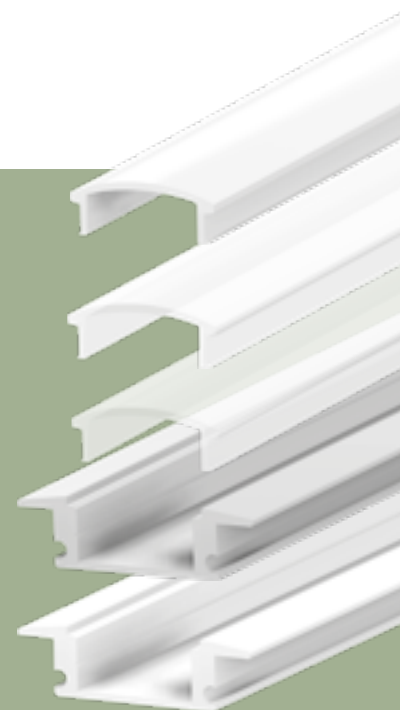
**Code. 131012**

Recessed Aluminum "Π" Profile

**Code. 130627**

Recessed White Aluminum "Π" Profile

**Code. 130893**



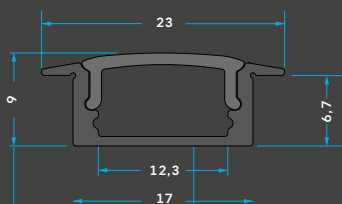
#### Components



End Caps for "Π" Profile

**Code. 130629**

### BLACK SERIES



**Black semi-transparent Cover**  
for black "Π" Profile

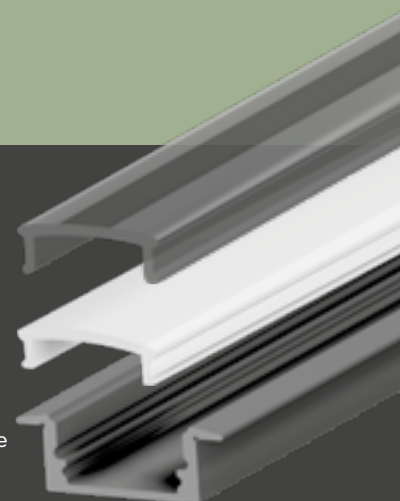
**Code. 131101**

**Black Opal Cover**  
for black "Π" Profile

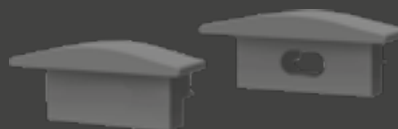
**Code. 130896**

Recessed Black Aluminum "Π" Profile

**Code. 131104**



#### Components

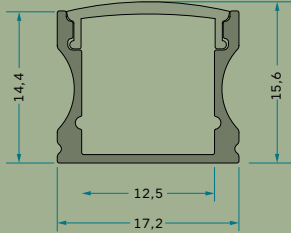


Black End Caps for recessed "Π" Profile

**Code. 131105**

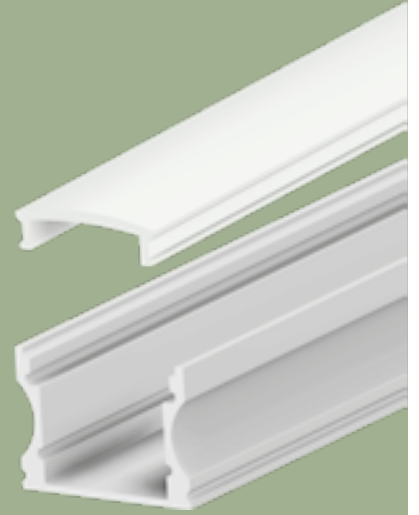
# 4 ALUMINIUM PROFILE

## 5. Aluminium Profile "Π" Shape Deep



**Opal Cover**  
for "Π" Shape Deep Profile  
**Code. 130896**

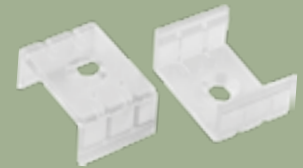
Aluminum "Π" Shape Deep Profile  
**Code. 130895**



**Components**

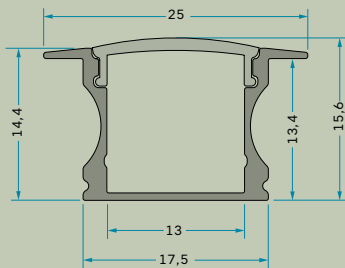


End Caps  
for "Π" Shape Deep Profile  
**Code. 130898**



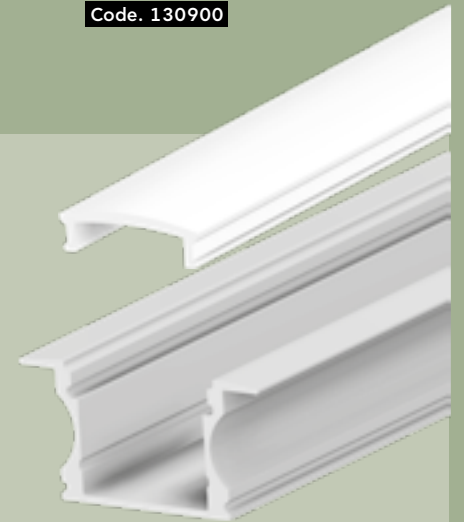
Holder  
for "Π" Shape Deep Profile  
**Code. 130900**

### Recessed



**Opal Cover** for Recessed  
"Π" Shape Deep Profile  
**Code. 130896**

Recessed Aluminum "Π"  
Shape Deep Profile  
**Code. 130899**



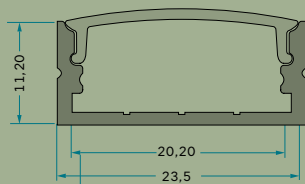
**Components**



End Caps  
for "Π" Shape Deep Profile  
**Code. 130901**

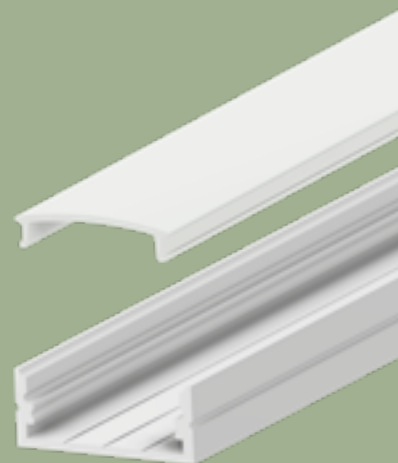
# 4 ALUMINIUM PROFILE

## 6. Aluminium Profile "Π" Shape Wide



**Opal Cover**  
for "Π" Shape Wide Profile  
**Code. 131078**

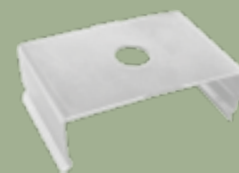
Aluminum "Π" Shape  
Wide Profile  
**Code. 131077**



### Components

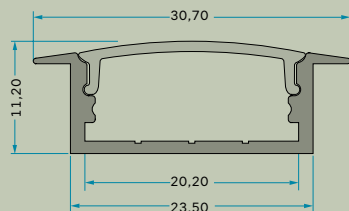


End Caps  
for "Π" Shape Wide Profile  
**Code. 131080**



Holder  
for "Π" Shape Wide Profile  
**Code. 131079**

### Recessed



**Opal Cover** for Recessed  
"Π" Shape Wide Profile  
**Code. 131078**

Recessed Aluminum "Π" Shape  
Wide Profile  
**Code. 131081**



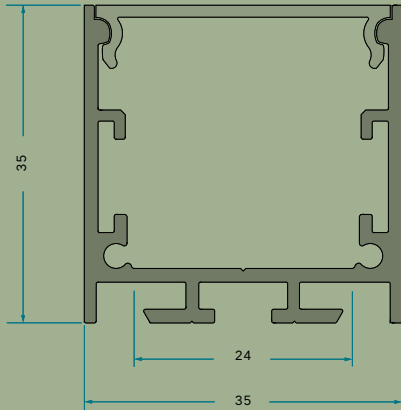
### Components



End Caps for Recessed Aluminum "Π"  
Shape Wide Profile  
**Code. 131082**

# 4 ALUMINIUM PROFILE

## 7. Aluminium Profile Large "Π" Shape for Surface or Pendant Installation



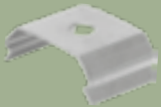
**Micro-Prismatic Cover**  
for Large "Π" Profile  
**Code. 131085**

**Opal Cover**  
for Large "Π" Profile  
**Code. 131084**

**Aluminum Large "Π" Profile**  
**Code. 131083**



### Components



**Holder**  
for Large "Π" Profile  
**Code. 131087**



**Aluminum plate**  
for Line Extension  
**Code. 131089**



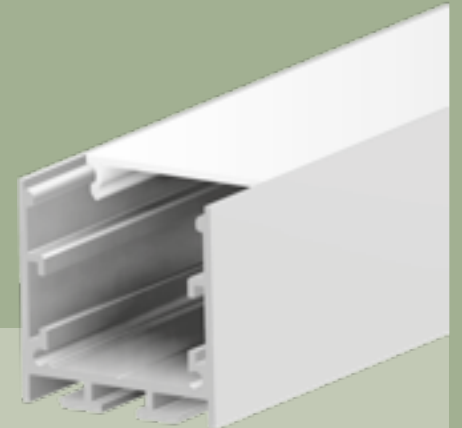
**Aluminum plate**  
for 90 degrees Extension  
**Code. 131090**



**End Caps**  
for Large "Π" Profile  
**Code. 131086**

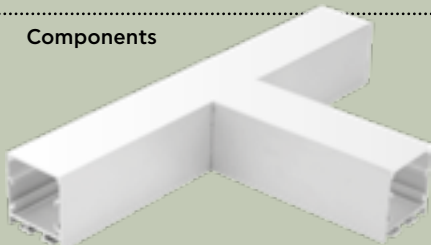


**Set for Pendant Installation**  
**Code. 131088**

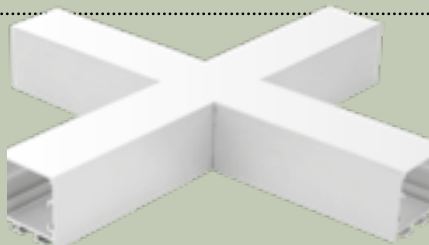


### Connectors

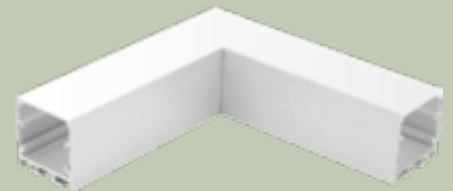
#### Components



**"T" Connection Joint**  
**Code. 131092**



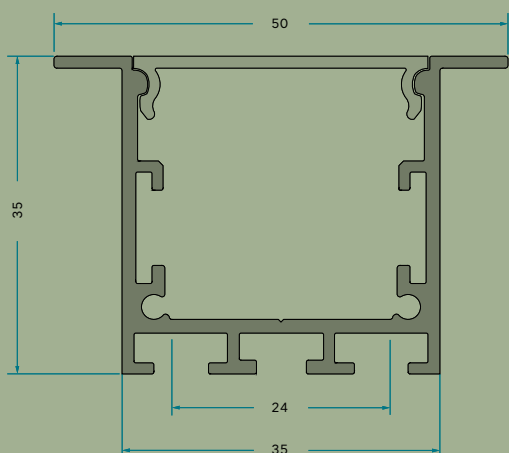
**"X" Connection Joint**  
**Code. 131093**



**90 Degrees Connection Joint**  
**Code. 131091**

# 4 ALUMINIUM PROFILE

## 8. Aluminium Profile "Π" Shape Large Recessed



**Micro-Prismatic Cover**  
for Large "Π" Profile  
**Code. 131085**

**Opal Cover**  
for Large "Π" Profile  
**Code. 131084**

Aluminum Recessed Large "Π" Profile Recessed  
**Code. 131094**



### Components



Retaining Spring Holder for Large "Π" Profile  
**Code. 131096**



Aluminum plate for Line Extension  
**Code. 131089**



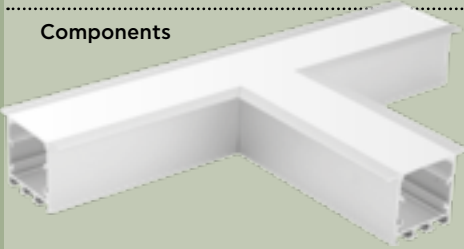
Aluminum plate for 90 degrees Extension  
**Code. 131090**



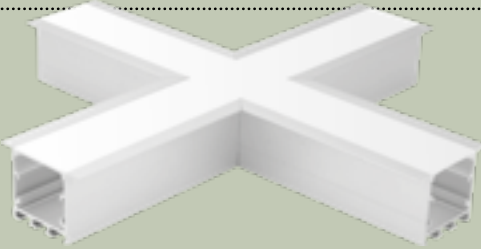
End Caps for Recessed Large "Π" Profile  
**Code. 131095**

### Connectors

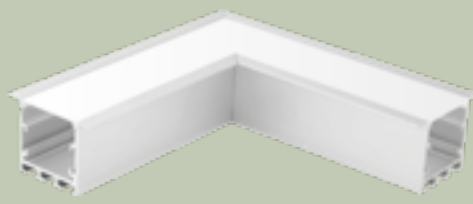
#### Components



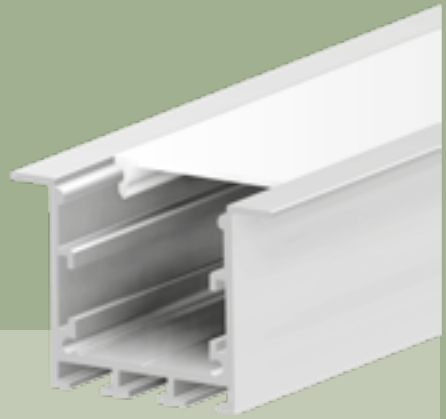
"T" Connection Joint  
**Code. 131098**



"X" Connection Joint  
**Code. 131099**



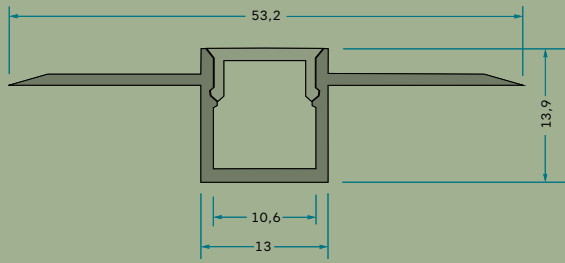
90 Degrees Connection Joint  
**Code. 101097**



# ④ ALUMINIUM PROFILE

## ② Plasterboard

### 9. Aluminium Profile "T" Shape

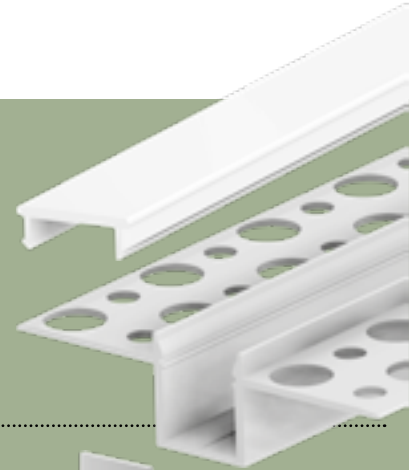


**Opal Cover**  
for "T" shape Profile  
**Code. 130904**

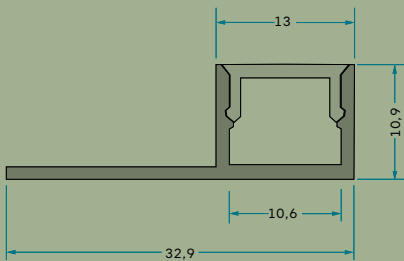
"T" shape Profile for  
Plasterboard  
**Code. 130902**

**Components**

End Caps  
for "T" shape Profile  
& Internal Corner Profile  
**Code. 130903**



### 10. Aluminium Profile "L" Shape

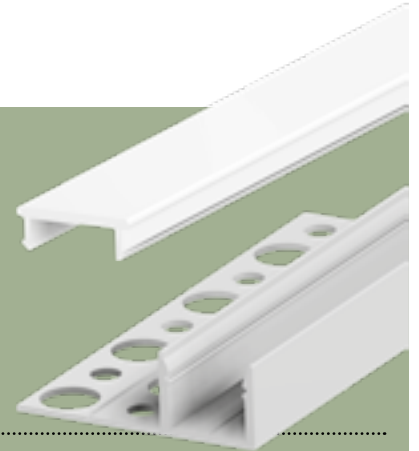


**Opal Cover**  
for "L" shape Profile  
**Code. 130904**

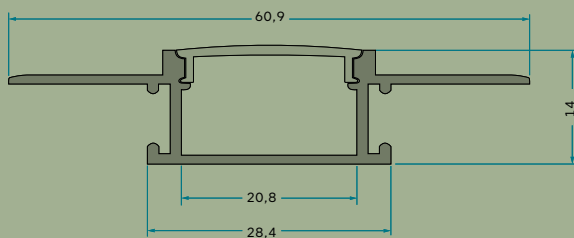
Aluminum "L" shape Profile  
**Code. 130905**

**Components**

End Caps  
for "L" shape Profile  
**Code. 130928**



### 11. Aluminium Profile "T" Shape Wide



**Opal Cover**  
for Wide "T" shape Profile  
**Code. 131075**

Wide "T" shape Profile  
**Code. 131074**

**Components**

End Caps  
for Wide "T" shape Profile  
**Code. 131076**

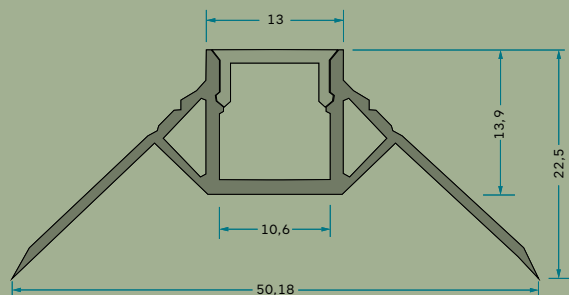




# ④ ALUMINIUM PROFILE

## ② Plasterboard

### 12. Aluminium Profile External Corner

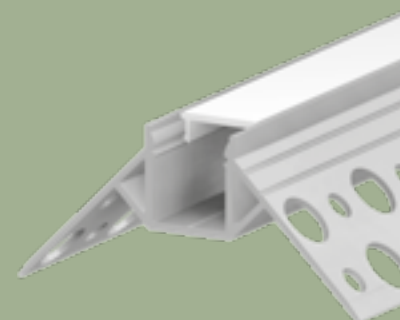


**Opal Cover**  
for External Corner Profile

**Code. 130904**

External Corner Profile

**Code. 130906**



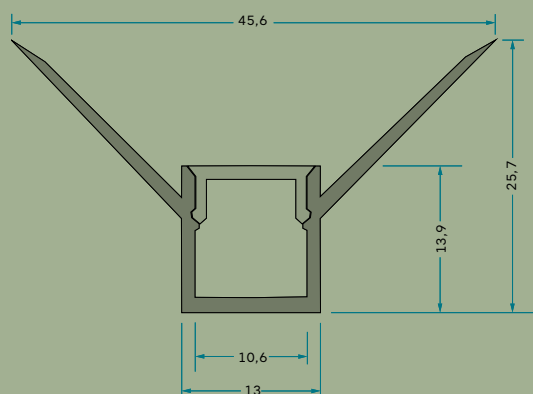
#### Components

End Caps  
for External Corner Profile

**Code. 130927**



### 13. Aluminium Profile Internal Corner

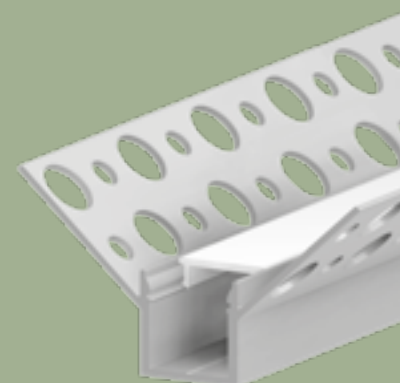


**Opal Cover**  
for Internal Corner Profile

**Code. 130904**

Internal Corner Profile

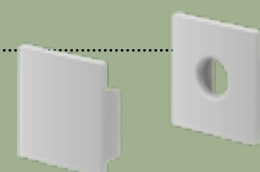
**Code. 130907**



#### Components

End Caps  
for "T" shape Profile  
& Internal Corner Profile

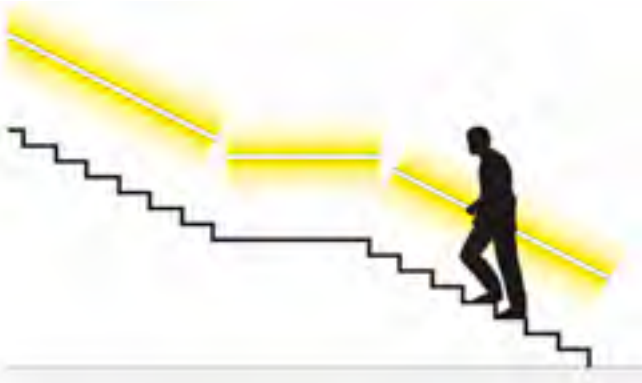
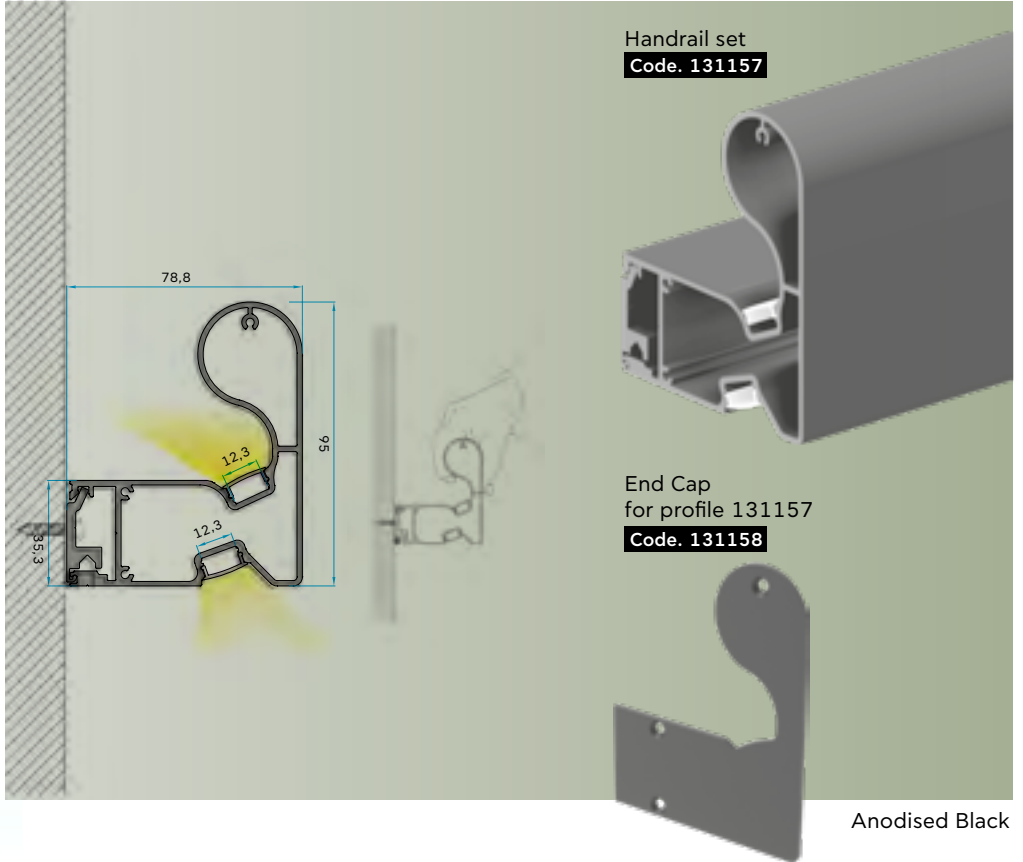
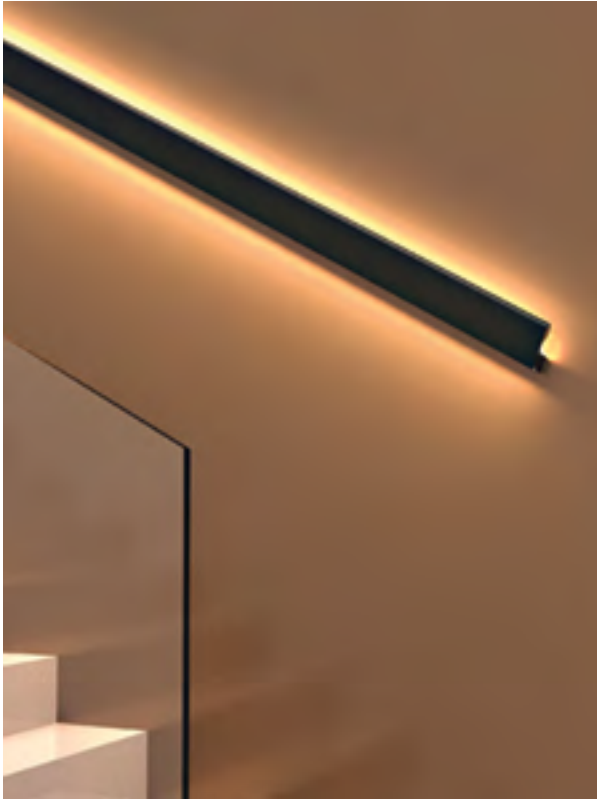
**Code. 130903**



# ④ ALUMINIUM PROFILE

## ③ Indirect and hidden lighting

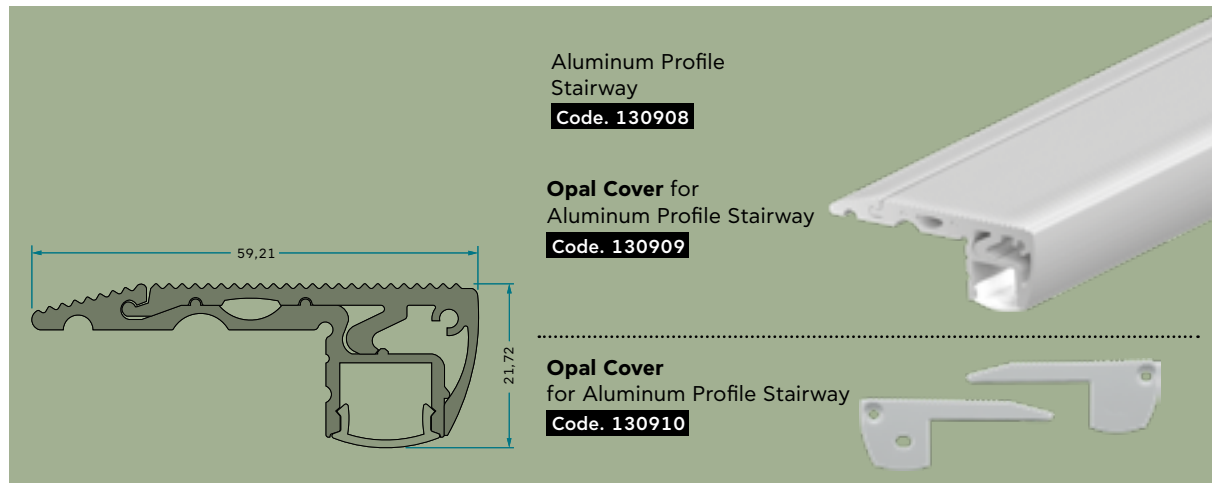
### 14. Handrail



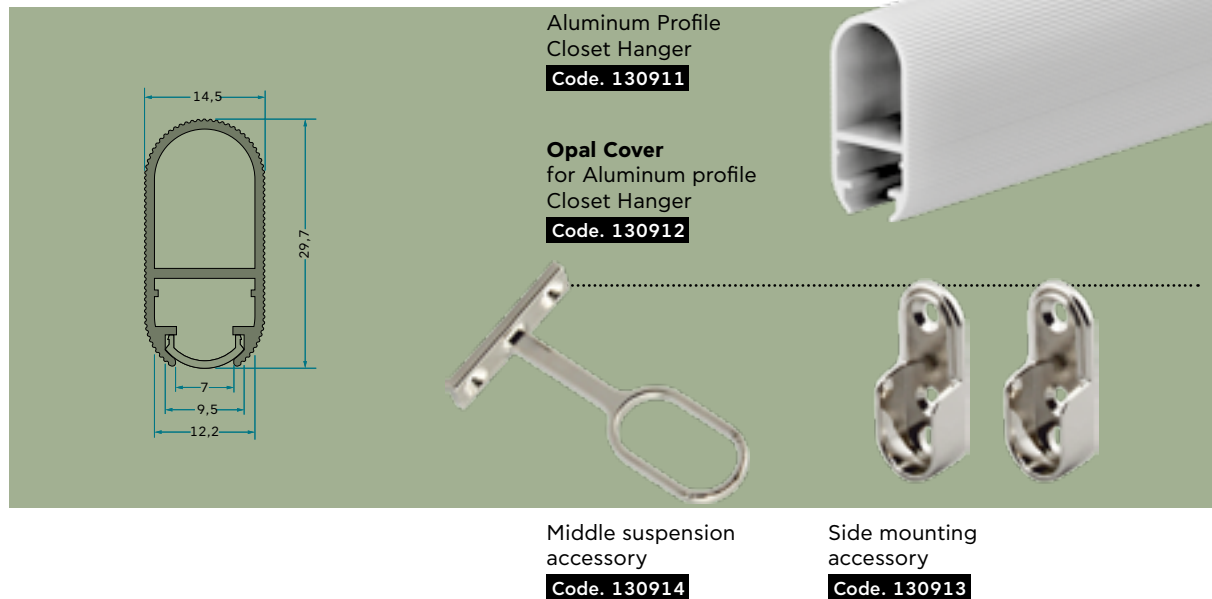
## ④ ALUMINIUM PROFILE

### ④ Special uses

#### 15. Stairway



#### 16. Closet Hanger



#### IR ON-OFF Sensor for closets

##### Technical Specifications

|                      |                                |
|----------------------|--------------------------------|
| Input voltage:       | 12-24 Vdc                      |
| Output current:      | 7 W/m                          |
| Nominal Current:     | 4 A                            |
| Nominal wattage:     | 12 Vdc/48Watt<br>24 Vdc/96Watt |
| Type of Control:     | On/Off                         |
| Detection range:     | <10 cm                         |
| Working temperature: | -30 ... +55°C                  |
| IP protection:       | IP20                           |
| Dimensions:          | 54x 45x 16,5 mm (MxPxY)        |
| Weight:              | 32g                            |
| Cable length:        | 1+1 m                          |
| EAN:                 | 5206704004404                  |

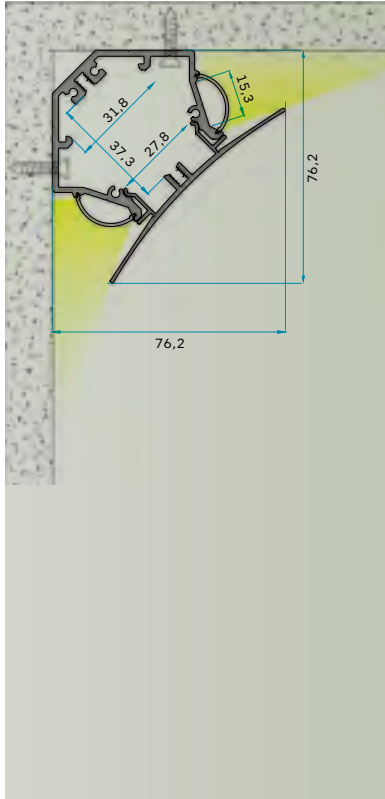


The LED strip automatically turns on when the closet door is opened and automatically turns off when the closet door is closed. Maximum sensor mounting distance: approx. 5cm from doors.

# ④ ALUMINIUM PROFILE

## ④ Special uses

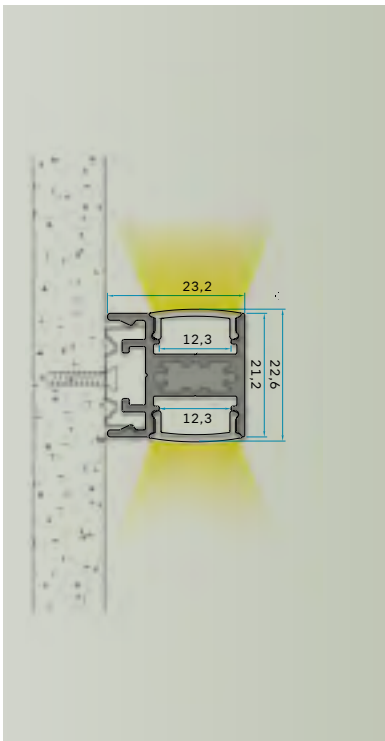
### 17. Cove Lighting Effect



Set of white Aluminum Profile with cover  
Code. 131147

End Cap for for profile 131147  
Code. 131148

### 18. Dual Emission Effect



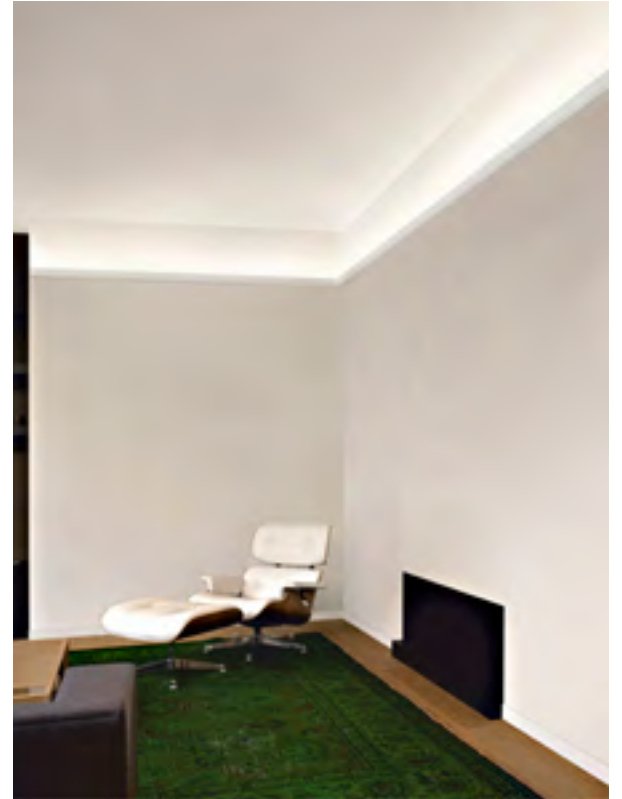
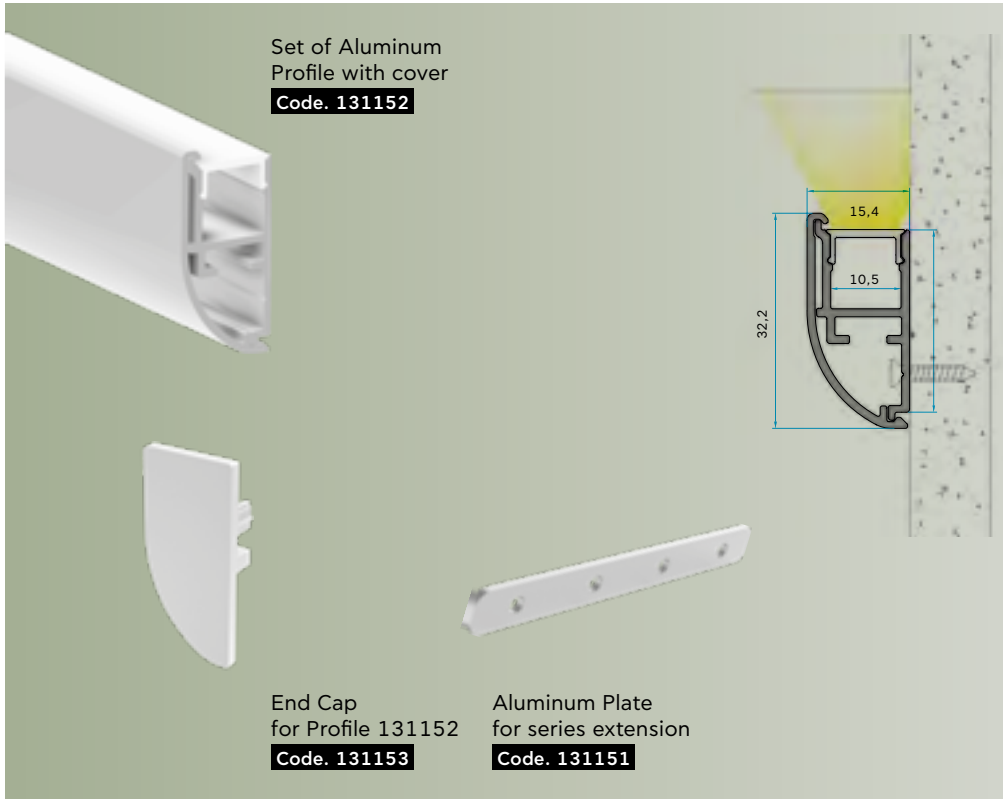
Holder  
Code. 131156

Set of Aluminum Profile with cover  
Code. 131154

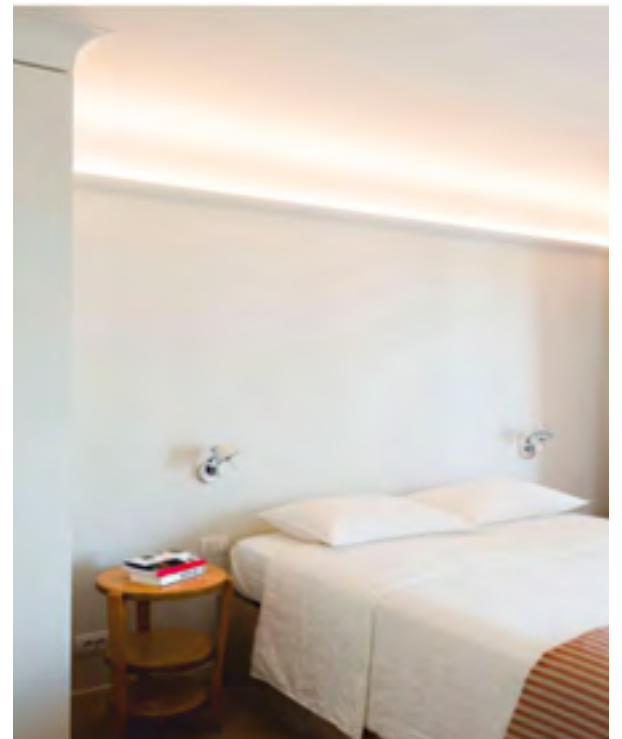
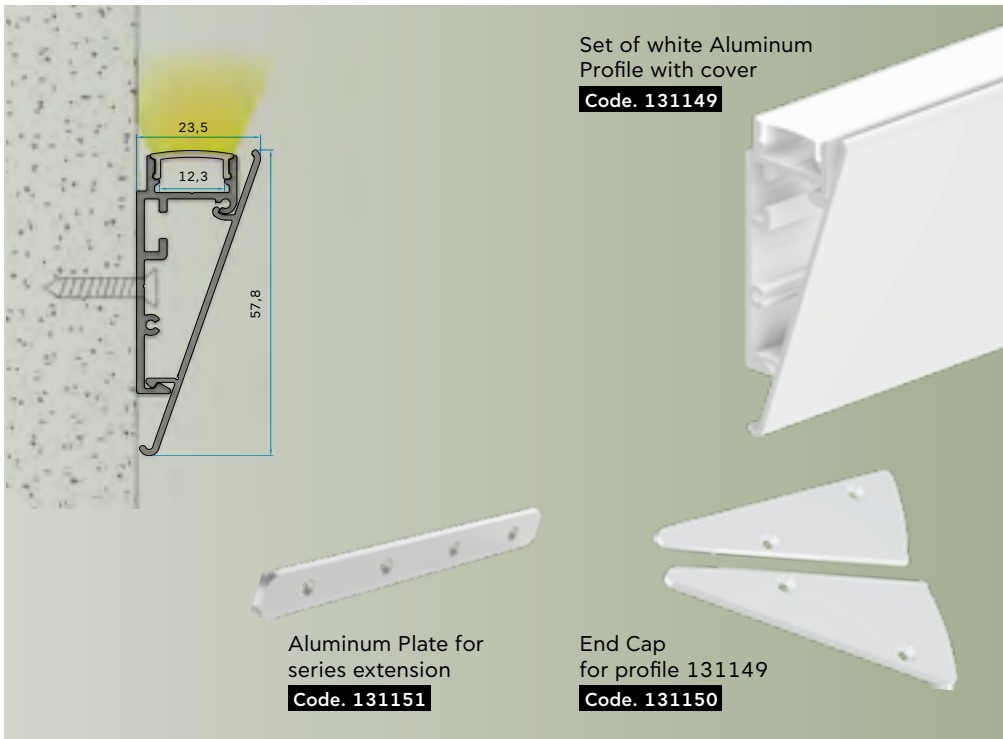
Aluminum plate for line extension  
Code. 131151

End Cap for profile 131154  
Code. 131155

### 19. Curved, Wall-mounted for indirect lighting effect



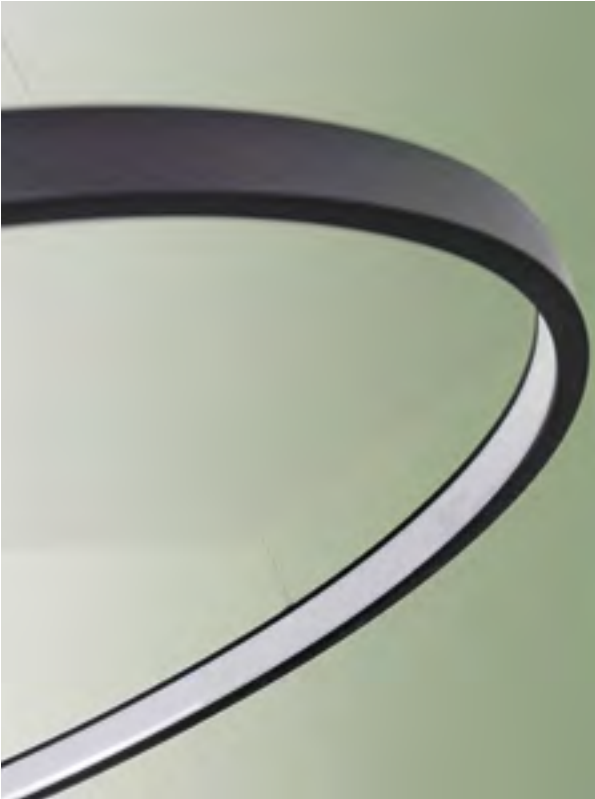
### 20. Straight, Wall-mounted for indirect lighting effect



# ④ ALUMINIUM PROFILE

## ⑤ Circle

### 21. Internal Lighting



Suspension Kit  
Code. 131088

Ceiling Base for Suspension  
(Diameter 330mm)  
Black  
Code. 131172  
White  
Code. 131171

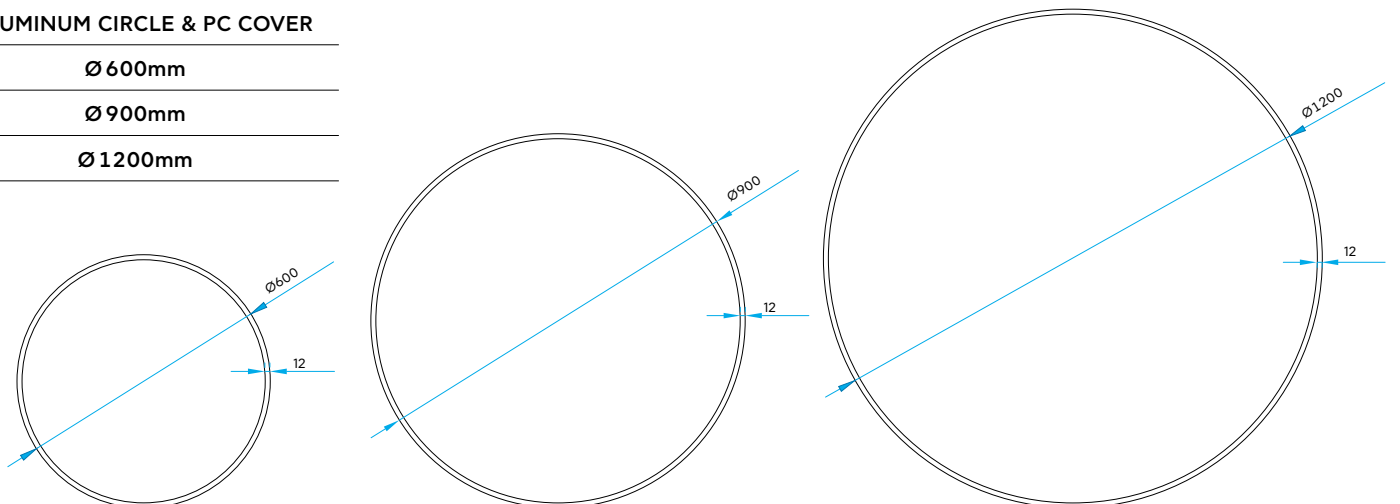
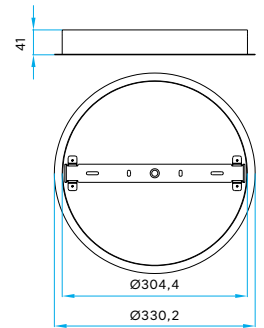
SET OF ONE BLACK ALUMINUM CIRCLE & PC COVER

|              |          |
|--------------|----------|
| Code. 131162 | Ø 600mm  |
| Code. 131163 | Ø 900mm  |
| Code. 131164 | Ø 1200mm |

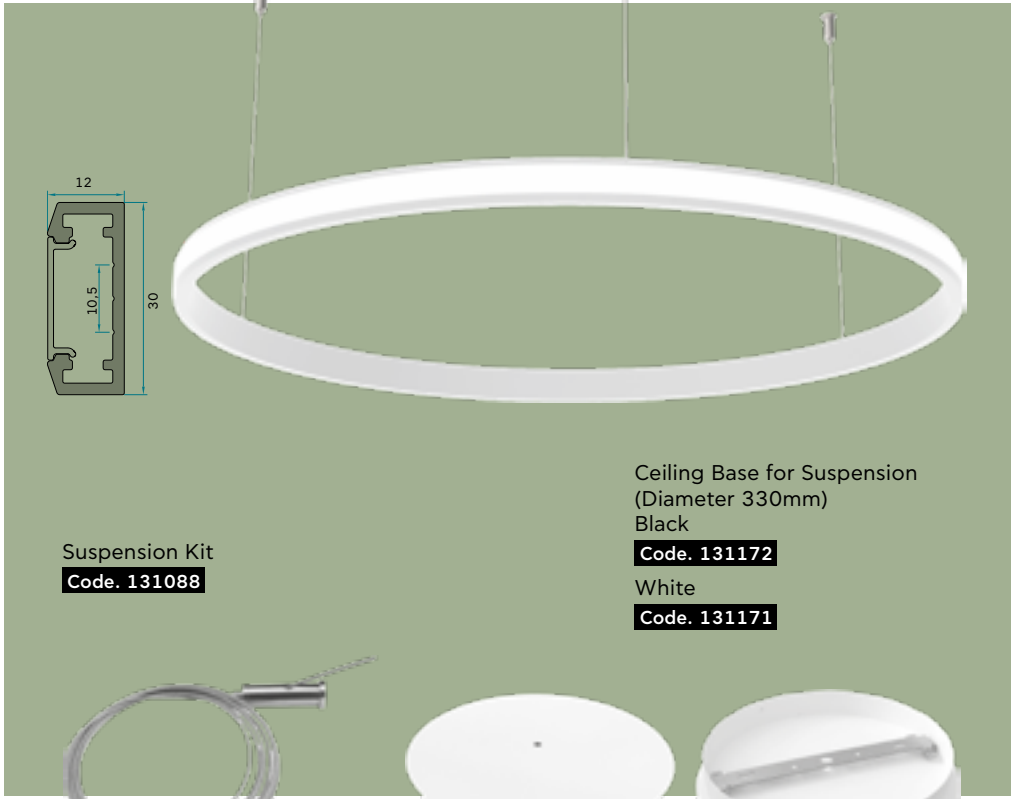


SET OF ONE WHITE ALUMINUM CIRCLE & PC COVER

|              |          |
|--------------|----------|
| Code. 131159 | Ø 600mm  |
| Code. 131160 | Ø 900mm  |
| Code. 131161 | Ø 1200mm |



## 22. External Lighting



Suspension Kit  
Code. 131088

Ceiling Base for Suspension  
(Diameter 330mm)  
Black  
Code. 131172  
White  
Code. 131171

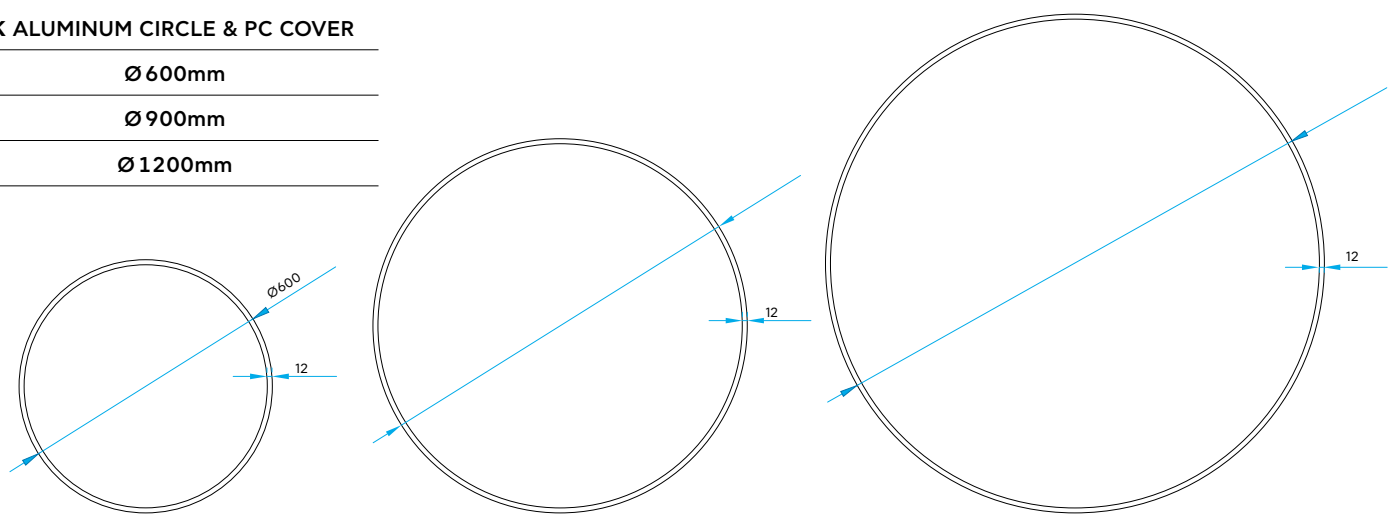
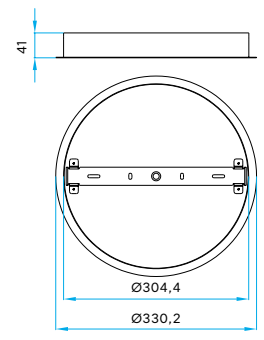
### SET OF ONE WHITE ALUMINUM CIRCLE & PC COVER

|              |          |
|--------------|----------|
| Code. 131165 | Ø 600mm  |
| Code. 131166 | Ø 900mm  |
| Code. 131167 | Ø 1200mm |



### SET OF ONE BLACK ALUMINUM CIRCLE & PC COVER

|              |          |
|--------------|----------|
| Code. 131168 | Ø 600mm  |
| Code. 131169 | Ø 900mm  |
| Code. 131170 | Ø 1200mm |



# 5 CONNECTORS

## 1 Slim connectors LED strip

**Slim Connector Single Colour LED Strip**  
 3-24Vdc, 5A CE RoHS

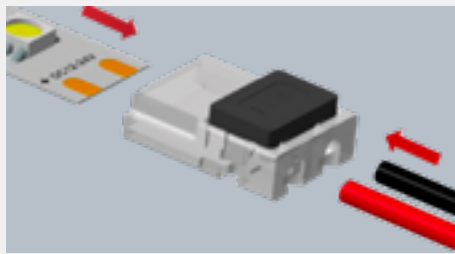
| Technical Specifications |                     |
|--------------------------|---------------------|
| Operating voltage:       | 3 - 24Vdc           |
| Max Current:             | 5 A                 |
| Suitable for cable       | 0,50mm <sup>2</sup> |



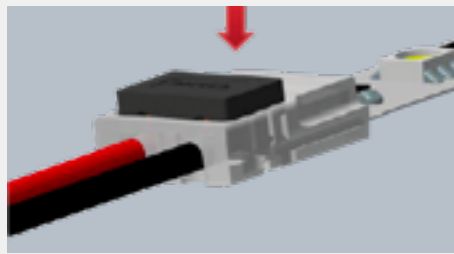
| SLIM CONNECTOR for LED strip 8mm width |  |
|--|--|
| <b>Code. 131054</b>                    | Slim power supply connector for 8mm single color LED strip |
| <b>Code. 131055</b>                    | Slim middle connector for 8mm single color LED strip       |

| SLIM CONNECTOR for LED strip 10mm width |   |
|---|---|
| <b>Code. 130888</b>                     | Slim power supply connector for 10mm single color LED strip |
| <b>Code. 130889</b>                     | Slim middle connector for 10mm single color LED strip       |

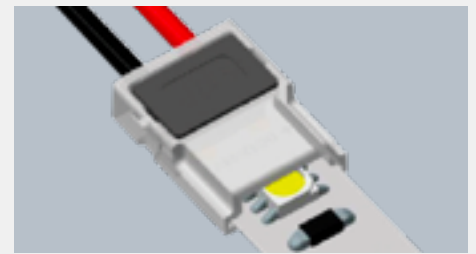
### ↪ Application SLIM CONNECTOR POWER SUPPLY END FEED



**1.** Place the cables on the one side and on the other the LED strip (observe the polarity)

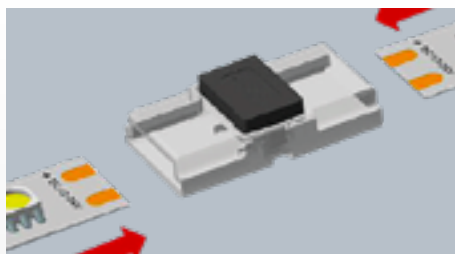


**2.** Now, press the black button until it goes fully down.  
 A hand tool -like a wrench- can be also used, for a quicker and easier result.

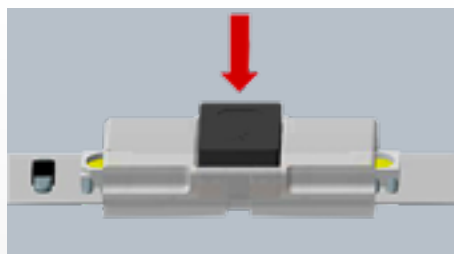


**3.** The LED strip is now ready for use.

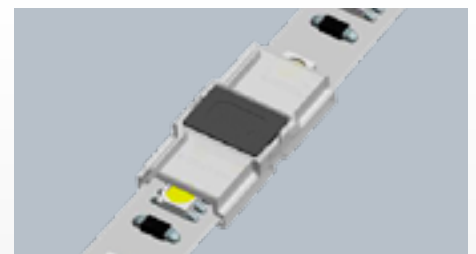
### ↪ Application SLIM MIDDLE CONNECTOR



**1.** Place one LED strip on the one side and the second LED strip on the other (observe the polarity)



**2.** Now, press the black button until it goes fully down.  
 A hand tool -like a wrench- can be also used, for a quicker and easier result.




**3.** The LED strip is now ready for use.



# 5 CONNECTORS

## 2 Connectors LED strip

Connector  Monochrome LED Strip **IP20**  
3-24Vdc, 5A CE RoHS



CONNECTOR for LED strip **8mm** WIDTH

|                     |   |
|---------------------|---|
| <b>Code. 130845</b> | Connector παροχής <b>8mm</b> με καλώδιο 15cm    |
| <b>Code. 130846</b> | Connector ενδιάμεσος <b>8mm</b>                 |
| <b>Code. 130847</b> | Connector ενδιάμεσος <b>8mm</b> με καλώδιο 15cm |

CONNECTOR for LED strip **10mm** WIDTH


|                     |  |
|---------------------|--|
| <b>Code. 130849</b> | Connector παροχής <b>10mm</b> με καλώδιο 15cm    |
| <b>Code. 130848</b> | Connector ενδιάμεσος <b>10mm</b>                 |
| <b>Code. 130850</b> | Connector ενδιάμεσος <b>10mm</b> με καλώδιο 15cm |

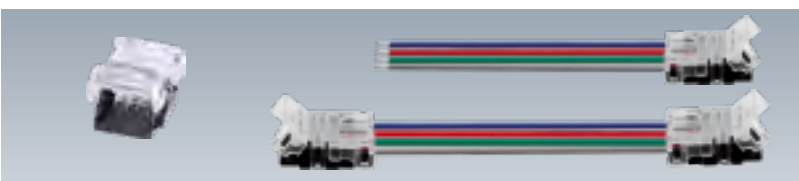
Connector  CCT LED Strip **IP20**  
3-24Vdc, 5A CE RoHS



CONNECTOR for LED strip **10mm** WIDTH

|                     |  |
|---------------------|--|
| <b>Code. 131109</b> | Connector CCT παροχής <b>10mm</b> με καλώδιο 15cm    |
| <b>Code. 131110</b> | Connector CCT ενδιάμεσος <b>10mm</b>                 |
| <b>Code. 131111</b> | Connector CCT ενδιάμεσος <b>10mm</b> με καλώδιο 15cm |

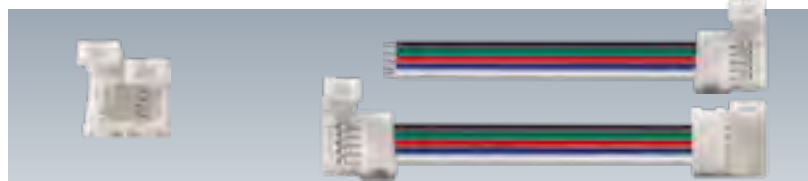
Connector  RGB LED Strip **IP20**  
3-24Vdc, 5A CE RoHS



CONNECTOR for LED strip **10mm** WIDTH


|                     |  |
|---------------------|--|
| <b>Code. 130852</b> | Connector RGB παροχής <b>10mm</b> με καλώδιο 15cm    |
| <b>Code. 130851</b> | Connector RGB ενδιάμεσος <b>10mm</b>                 |
| <b>Code. 130456</b> | Connector RGB ενδιάμεσος <b>10mm</b> με καλώδιο 15cm |

Connector  RGBW LED Strip **IP20**  
3-24Vdc, 5A CE RoHS



CONNECTOR for LED strip **10mm** WIDTH


|                     |   |
|---------------------|---|
| <b>Code. 131051</b> | Connector RGBW παροχής <b>10mm</b> με καλώδιο 15cm    |
| <b>Code. 131052</b> | Connector RGBW ενδιάμεσος <b>10mm</b>                 |
| <b>Code. 131053</b> | Connector RGBW ενδιάμεσος <b>10mm</b> με καλώδιο 15cm |

Connector  RGBW LED Strip **IP20**  
3-24Vdc, 5A CE RoHS



CONNECTOR for LED strip **12mm** WIDTH

|                     |  |
|---------------------|--|
| <b>Code. 132181</b> | Connector RGBW παροχής <b>12mm</b> με καλώδιο        |
| <b>Code. 132182</b> | Connector RGB ενδιάμεσος <b>12mm</b>                 |
| <b>Code. 132183</b> | Connector RGB ενδιάμεσος <b>12mm</b> με καλώδιο 15cm |

Connector  RGBW LED Strip **IP67**  
3-24Vdc, 5A CE RoHS



CONNECTOR for LED strip **12mm** WIDTH

|                     |   |
|---------------------|---|
| <b>Code. 132184</b> | Connector RGBW IP67 παροχής <b>14mm</b> with καλώδιο  |
| <b>Code. 132185</b> | Connector RGBW IP67 ενδιάμεσος <b>14mm</b>            |
| <b>Code. 132186</b> | Connector RGBW IP67 ενδιάμεσος <b>14mm</b> με καλώδιο |



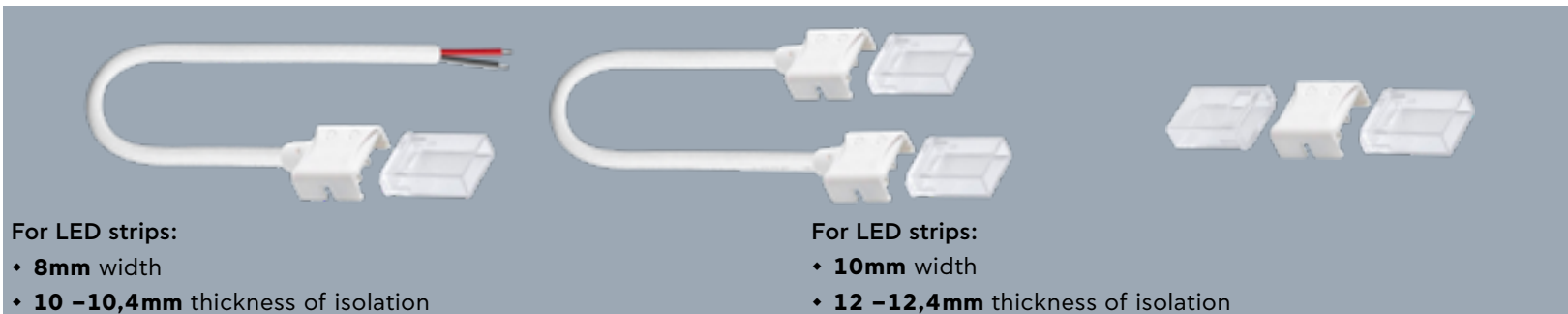
# 5 CONNECTORS

## 3 Connectors IP67/IP68 LED strip

### Connector IP67/IP68 LED Strip

3-48Vdc, 5A

CE RoHS



For LED strips:

- 8mm width
- 10 - 10,4mm thickness of isolation

For LED strips:

- 10mm width
- 12 - 12,4mm thickness of isolation

|                     |   |
|---------------------|---|
| <b>Code. 131046</b> | Connector IP67/IP68 παροχής 10,4 mm               |
| <b>Code. 131047</b> | Connector IP67/IP68 ενδιάμεσος 10,4 mm            |
| <b>Code. 131048</b> | Connector IP67/IP68 ενδιάμεσος με καλώδιο 10,4 mm |

|                     |   |
|---------------------|---|
| <b>Code. 131009</b> | Connector IP67/IP68 παροχής 12,4 mm               |
| <b>Code. 131010</b> | Connector IP67/IP68 ενδιάμεσος 12,4 mm            |
| <b>Code. 131011</b> | Connector IP67/IP68 ενδιάμεσος με καλώδιο 12,4 mm |

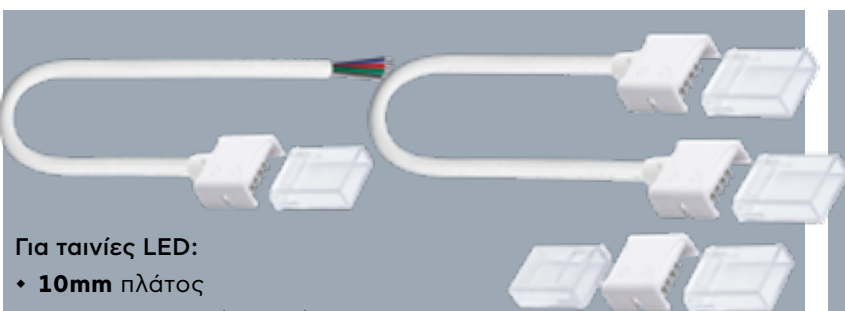
### Connector IP67/IP68 RGB LED Strip

3-48Vdc, 5A

CE RoHS

### Terminal Sealing Caps

CE RoHS



Για ταινίες LED:

- 10mm πλάτος
- 12 - 12,4mm πάχος μόνωσης

|                     |   |
|---------------------|---|
| <b>Code. 131106</b> | Connector RGB IP67/IP68 παροχής 12,4 mm           |
| <b>Code. 131107</b> | Connector IP67/IP68 ενδιάμεσος 12,4 mm            |
| <b>Code. 131108</b> | Connector IP67/IP68 ενδιάμεσος με καλώδιο 12,4 mm |



|                     |  |
|---------------------|--|
| <b>Code. 131049</b> | Σετ 3 θερματικές τάπες για ταινία IP67/IP68 12,4 mm + Σιλικόνη |
| <b>Code. 131050</b> | Σετ 3 θερματικές τάπες για ταινία IP67/IP68 10,4 mm + Σιλικόνη |

### Application CONNECTOR IP68/IP67 παροχής & ενδοιάμεσου με καλώδιο

### Application CONNECTOR IP68/IP67 παροχής



1. Τοποθετήστε την ταινία led στο διάφανο τμήμα μέχρι να πατήσει σωστά στο πίσω μέρος.
2. Τοποθετείστε το λευκό τμήμα με το καλώδιο ώστε τα μαχαίρια να μπουν στην εγκοπή.
3. Πιέστε τα δύο τμήματα μεταξύ τους μέχρι να κουμπώσουν.
4. Το σύστημα είναι έτοιμο προς χρήση.
1. Τοποθετήστε τα τμήματα της ταινίας led στα διάφανα μέρη του connector μέχρι να πατήσει σωστά στο πίσω μέρος.
2. Ακουμπήστε τα δύο τμήματα όπως φαίνεται στη φωτογραφία.
3. Τοποθετείστε το λευκό τμήμα ώστε τα μαχαίρια να μπουν στις εγκοπές. Πιέστε μεταξύ τους μέχρι να κουμπώσουν.
4. Το σύστημα είναι έτοιμο προς χρήση.

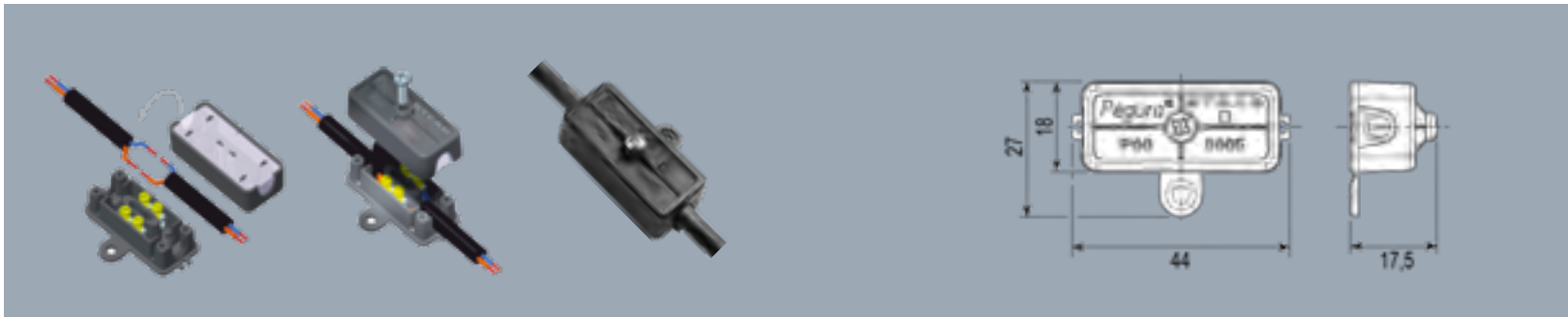
# 5 CONNECTORS

## ④ Connection box IP67/IP68

### Connection box IP68 (5665)

250V, 6A

CE RoHS



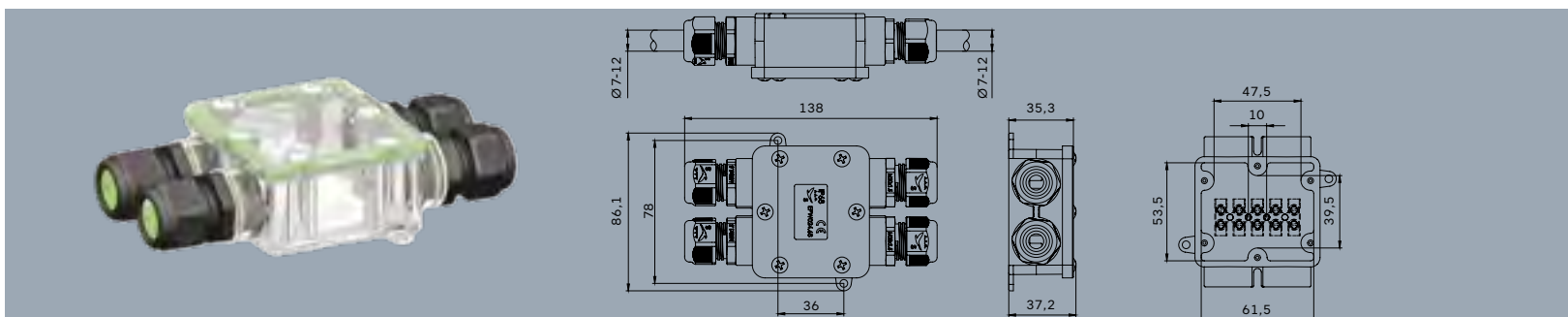
Code. 130971

Connection box IP68 (5665)

### Connection box IP68 (EPW024.68)

450V, 32A

CE RoHS



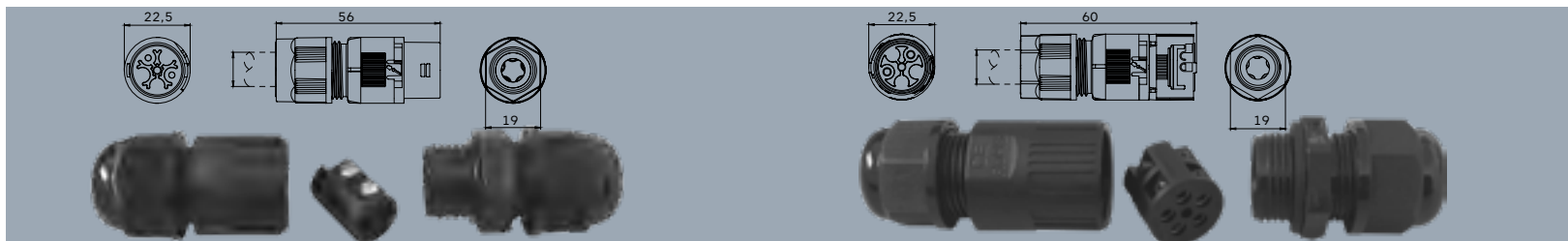
Code. 020777

Connection box IP68 (EPW024.68)

### Connector IP68

400V, 16A

CE RoHS



Code. 131127

Connector IP68 (3801/V-M-2P-BK)

Code. 131129

Connector IP68 (3802/V-M-2P-BK)

# 6 ACCESSORIES

## 1 Cable connector waterproof

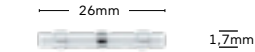
### Connector στεγανοί με καλάι

Code. 270001

Στεγανοί connectors καλωδίων με καλάι (ΣΕΤ)  
Η συσκευασία περιέχει 50τμχ.



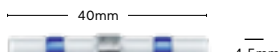
Κατάλληλο για διατομή καλωδίου 0,25-0,34 mm<sup>2</sup>  
10 τμχ.



Κατάλληλο για διατομή καλωδίου 0,50-1,00 mm<sup>2</sup>  
20 τμχ.



Κατάλληλο για διατομή καλωδίου 1,00-2,50 mm<sup>2</sup>  
15 τμχ.



Κατάλληλο για διατομή καλωδίου 4,00-6,00 mm<sup>2</sup>  
5 τμχ.



### Εφαρμογή Στεγανών connector IP68/IP67 με καλάι



**1.** Απογυμνώστε τα καλώδια και περάστε τον κονέκτορα μέσα από το ένα καλώδιο.



**2.** Ενώστε τα καλώδια και σύρετε τον κονέκτορα ώστε η κόλληση να ακουμπάει στα γυμνά καλώδια.



**3.** Θερμάνετε με πιστόλι θερμού αέρα μέχρι κόλληση και η αδιάβροχη κόλλα θερμής τήξης να λιώσουν. Αφήστε επαρκή χρόνο ψύξης για βέλτιστο αποτέλεσμα.

#### Useful products

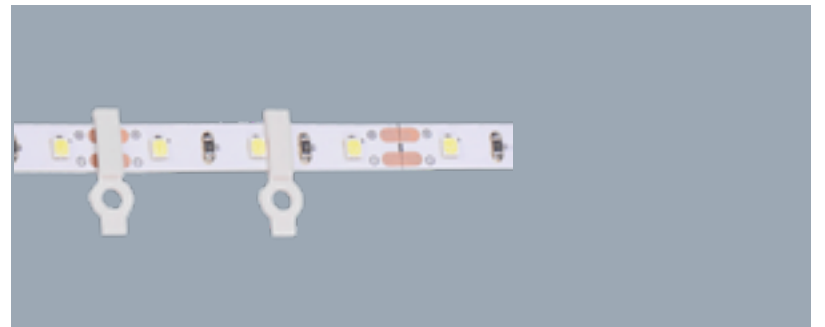


Code. 270002

Καλώδιο διπολικό 0,50mm<sup>2</sup> για LED strip (10m)

Code. 270003

Καλώδιο RGB 0,35mm<sup>2</sup> για ταινίες LED strip (10m)



Code. 270007

Κλιπ στερέωσης LED strip 10mm

# 6 ACCESSORIES

## 2 Cable connector

### Cable Connector

300V, 9A

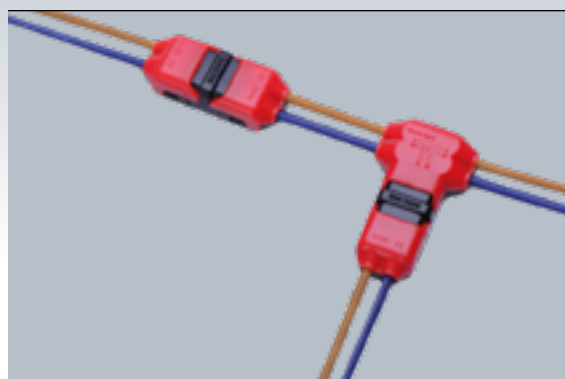
CE RoHS

Code. 130925

Connector καλωδίων αυτόματος

Code. 130926

Connector καλωδίων αυτόματος T



Κατάλληλο για διατομή καλωδείου 0,34 – 0,50 mm<sup>2</sup>

#### Useful products



Code. 270004

Ταινία διπλής όψων 3M πλάτους 10mm (55 μέτρα)



Code. 270005

Αντιστατικό Βραχιόλι



"Let the light  
drive the way."

*~ANONYMOUS*

# 7 POWER SUPPLY

## 1 Constant voltage IP20

**3 YEARS WARRANTY**



**Code. 130528**

15Watt/12V

**Code. 130529**

25Watt/12V

**Code. 130530**

35Watt/12V



**IP20 CE RoHS**

### Power supply Cubalux — Constant Voltage

15Watt/12Vdc

25Watt/12Vdc

35Watt/12Vdc

#### Technical Specifications

|                           | 15Watt                    | 25Watt                    | 35Watt                    |
|---------------------------|---------------------------|---------------------------|---------------------------|
| Nominal wattage:          | 15Watt                    | 25Watt                    | 35Watt                    |
| Input voltage /frequency: | 175 / 240Vac<br>47 / 63Hz | 175 / 240Vac<br>47 / 63Hz | 175 / 240Vac<br>47 / 63Hz |
| Nominal voltage (output): | 12Vdc                     | 12Vdc                     | 12Vdc                     |
| Output current:           | 1,25A                     | 2,1A                      | 2,9A                      |
| Efficiency:               | 85%                       | 85%                       | 85%                       |
| Working temperature:      | -20... +60°C              | -20... +60°C              | -20... +60°C              |
| Isolation class:          | Class II                  | Class II                  | Class II                  |
| IP protection:            | IP20                      | IP20                      | IP20                      |
| Protections:              | OTP / OLP / OVP / SCP     | OTP / OLP / OVP / SCP     | OTP / OLP / OVP / SCP     |
| Dimensions:               | 100x 30x 22mm<br>(LxWxH)  | 145x 38x 22mm<br>(LxWxH)  | 145x 38x 22mm<br>(LxWxH)  |
| Weight:                   | 50g                       | 98g                       | 98g                       |
| EAN:                      | 5206704000000             | 5206704000055             | 5206704000062             |

**3 YEARS WARRANTY**



**Code. 130523**

200Watt/12V

**Code. 130540**

200Watt/24V

**Code. 130535**

300Watt/12V

**Code. 130541**

300Watt/24V



**IP20 CE RoHS**

### Power supply Cubalux — Constant Voltage

200Watt 12/24Vdc

300Watt 12/24Vdc

#### Technical Specifications

|                           | 200Watt                   | 200Watt                   | 300Watt                   | 300Watt                   |
|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Nominal voltage (output): | 12Vdc                     | 24Vdc                     | 12Vdc                     | 24Vdc                     |
| Nominal wattage:          | 200Watt                   | 200Watt                   | 300Watt                   | 300Watt                   |
| Input voltage /frequency: | 175 / 240Vac<br>47 / 63Hz | 175 / 240Vac<br>47 / 63Hz | 175 / 240Vac<br>47 / 63Hz | 175 / 240Vac<br>47 / 63Hz |
| Output current:           | 16,66A                    | 8,33A                     | 25A                       | 12,5A                     |
| Efficiency:               | 84%                       | 85%                       | 84%                       | 85%                       |
| Working temperature:      | -20... +60°C              | -20... +60°C              | -20... +60°C              | -20... +60°C              |
| Isolation class:          | Class I                   | Class I                   | Class I                   | Class I                   |
| IP protection:            | IP20                      | IP20                      | IP20                      | IP20                      |
| Protections:              | OTP / OLP / OVP / SCP     | OTP / OLP / OVP / SCP     | OTP / OLP / OVP / SCP     | OTP / OLP / OVP / SCP     |
| Dimensions:               | 216x 62x 32mm<br>(LxWxH)  | 216x 62x 32mm<br>(LxWxH)  | 216x 62x 32mm<br>(LxWxH)  | 216x 62x 32mm<br>(LxWxH)  |
| Weight:                   | 480g                      | 480g                      | 480g                      | 480g                      |
| EAN:                      | 5206704000093             | 5206704000130             | 5206704000109             | 5206704000147             |





**2 YEARS WARRANTY**

**Code. 500094**

**36Watt/12V**

**Code. 500047**

**36Watt/24V**



**IP20 CE RoHS ERP**

**Power supply**  
**Cubalux TORA**  
**— Constant Voltage**  
 36 Watt 12/24Vdc

**Technical Specifications**

|                           |                          |                          |
|---------------------------|--------------------------|--------------------------|
| Nominal voltage (output): | 12Vdc                    | 24Vdc                    |
| Nominal wattage:          | 36Watt                   | 36Watt                   |
| Input voltage/frequency:  | 100/240Vac<br>50/60Hz    | 100/240Vac<br>50/60Hz    |
| Output current:           | 3A                       | 1,5A                     |
| Efficiency:               | 88%                      | 90%                      |
| No-load consumption:      | <0,5 Watt                | <0,5 Watt                |
| Working temperature:      | -20...45°C               | -20...45°C               |
| Isolation class:          | Class I                  | Class I                  |
| IP protection:            | IP20                     | IP20                     |
| Protections:              | OTP/OLP/OVP/SCP          | OTP/OLP/OVP/SCP          |
| Lifespan:                 | 20.000 hours             | 20.000 hours             |
| Dimensions:               | 120x37x22,5mm<br>(LxWxH) | 120x37x22,5mm<br>(LxWxH) |
| Weight:                   | 150g                     | 150g                     |
| EAN:                      | 5206704004343            | 5206704003513            |



**2 YEARS WARRANTY**

**Code. 500048**

**60Watt/12V**

**Code. 500054**

**60Watt/24V**



**IP20 CE RoHS ERP**

**Power supply**  
**Cubalux TORA**  
**— Constant Voltage**  
 60 Watt 12/24Vdc

**Technical Specifications**

|                           |                            |                            |
|---------------------------|----------------------------|----------------------------|
| Nominal voltage (output): | 12Vdc                      | 24Vdc                      |
| Nominal wattage:          | 60Watt                     | 60Watt                     |
| Input voltage/frequency:  | 100/240Vac<br>50/60Hz      | 100/240Vac<br>50/60Hz      |
| Output current:           | 5A                         | 2,5A                       |
| Efficiency:               | 88%                        | 90%                        |
| No-load consumption:      | <0,5 Watt                  | <0,5 Watt                  |
| Working temperature:      | -20...45°C                 | -20...45°C                 |
| Isolation class:          | Class I                    | Class I                    |
| IP protection:            | IP20                       | IP20                       |
| Protections:              | OTP/OLP/OVP/SCP            | OTP/OLP/OVP/SCP            |
| Lifespan:                 | 20.000 hours               | 20.000 hours               |
| Dimensions:               | 126x49,5x22,5mm<br>(LxWxH) | 126x49,5x22,5mm<br>(LxWxH) |
| Weight:                   | 180g                       | 180g                       |
| EAN:                      | 5206704003452              | 5206704003520              |

# 7 POWER SUPPLY

## 1 Constant voltage IP20



Code. 500049

100 Watt/12V

Code. 500055

100 Watt/24V

**2 YEARS WARRANTY**

**IP20** CE RoHS ERP

Power supply  
Cubalux **TORA**  
— Constant Voltage  
100 Watt 12/24Vdc

### Technical Specifications

|                           |                             |                             |
|---------------------------|-----------------------------|-----------------------------|
| Nominal voltage (output): | 12Vdc                       | 24Vdc                       |
| Nominal wattage:          | 100Watt                     | 100Watt                     |
| Input voltage/frequency:  | 100/240Vac<br>50/60Hz       | 100/240Vac<br>50/60Hz       |
| Output current:           | 8,3A                        | 4,17A                       |
| Efficiency:               | 90%                         | 90%                         |
| No-load consumption:      | <0,5 Watt                   | <0,5 Watt                   |
| Working temperature:      | -20 ... 45°C                | -20 ... 45°C                |
| Isolation class:          | Class I                     | Class I                     |
| IP protection:            | IP20                        | IP20                        |
| Protections:              | OTP / OLP / OVP / SCP       | OTP / OLP / OVP / SCP       |
| Lifespan:                 | 20.000 hours                | 20.000 hours                |
| Dimensions:               | 146x49,5x 22,7mm<br>(LxWxH) | 146x49,5x 22,7mm<br>(LxWxH) |
| Weight:                   | 255 g                       | 255 g                       |
| EAN:                      | 5206704003469               | 5206704003537               |



Code. 500050

150 Watt/12V

Code. 500056

150 Watt/24V

**2 YEARS WARRANTY**

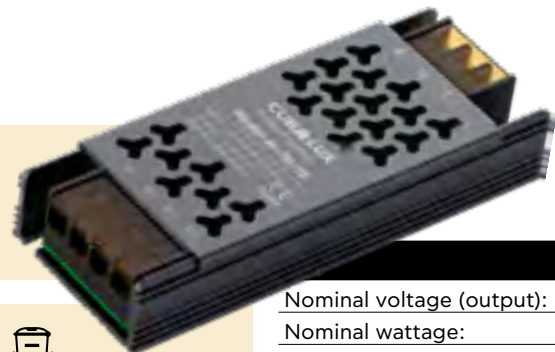
**IP20** CE RoHS ERP

Power supply  
Cubalux **TORA**  
— Constant Voltage  
150 Watt 12/24Vdc

### Technical Specifications

|                           |                          |                          |
|---------------------------|--------------------------|--------------------------|
| Nominal voltage (output): | 12Vdc                    | 24Vdc                    |
| Nominal wattage:          | 150 Watt                 | 150 Watt                 |
| Input voltage/frequency:  | 100/240Vac<br>50/60Hz    | 100/240Vac<br>50/60Hz    |
| Output current:           | 12,5A                    | 6,25A                    |
| Efficiency:               | 90%                      | 90%                      |
| No-load consumption:      | <0,5 Watt                | <0,5 Watt                |
| Working temperature:      | -20 ... 45°C             | -20 ... 45°C             |
| Isolation class:          | Class I                  | Class I                  |
| IP protection:            | IP20                     | IP20                     |
| Protections:              | OTP / OLP / OVP / SCP    | OTP / OLP / OVP / SCP    |
| Lifespan:                 | 20.000 hours             | 20.000 hours             |
| Dimensions:               | 175x 60x 25mm<br>(LxWxH) | 175x 60x 25mm<br>(LxWxH) |
| Weight:                   | 320g                     | 320g                     |
| EAN:                      | 5206704003476            | 5206704003544            |

**2 YEARS WARRANTY**



**Code. 500051**

**200Watt/12V**

**Technical Specifications**

|                           |                       |
|---------------------------|-----------------------|
| Nominal voltage (output): | 12Vdc                 |
| Nominal wattage:          | 200Watt               |
| Input voltage/frequency:  | 175/240Vac 50/60Hz    |
| Output current:           | 16,6A                 |
| Efficiency:               | 90%                   |
| No-load consumption:      | <0,5 Watt             |
| Working temperature:      | -20 ... 45°C          |
| Isolation class:          | Class I               |
| IP protection:            | IP20                  |
| Protections:              | OTP/ OLP/OVP/SCP      |
| Lifespan:                 | 20.000 hours          |
| Dimensions:               | 185x 60x 25mm (LxWxH) |
| Weight:                   | 320g                  |
| EAN:                      | 5206704003483         |



**IP20 CE RoHS ERP**

**Power supply Cubalux TORA**  
**— Constant Voltage**  
 200 Watt 12Vdc

**Code. 500052**

**250 Watt/12V**

**Code. 500057**

**250Watt/24V**



**2 YEARS WARRANTY**

**Technical Specifications**

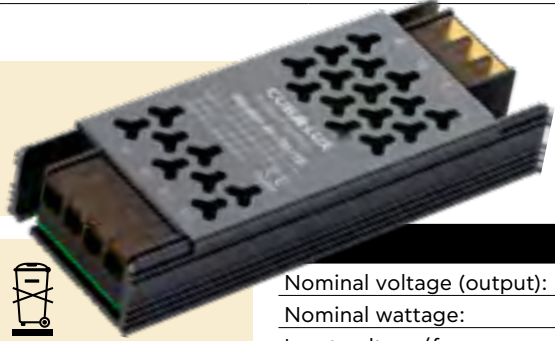
|                           |                       |                       |
|---------------------------|-----------------------|-----------------------|
| Nominal voltage (output): | 12Vdc                 | 24Vdc                 |
| Nominal wattage:          | 250Watt               | 250Watt               |
| Input voltage/frequency:  | 175/240Vac 50/60Hz    | 175/240Vac 50/60Hz    |
| Output current:           | 20,8A                 | 10,4A                 |
| Efficiency:               | 90%                   | 90%                   |
| No-load consumption:      | <0,5 Watt             | <0,5 Watt             |
| Working temperature:      | -20 ... 45°C          | -20 ... 45°C          |
| Isolation class:          | Class I               | Class I               |
| IP protection:            | IP20                  | IP20                  |
| Protections:              | OTP/ OLP/OVP/SCP      | OTP/ OLP/OVP/SCP      |
| Lifespan:                 | 20.000 hours          | 20.000 hours          |
| Dimensions:               | 224x 60x 25mm (LxWxH) | 224x 60x 25mm (LxWxH) |
| Weight:                   | 420g                  | 420g                  |
| EAN:                      | 5206704003490         | 5206704003551         |



**IP20 CE RoHS ERP**

**Power supply Cubalux TORA**  
**— Constant Voltage**  
 250 Watt 12/24Vdc

**2 YEARS WARRANTY**



**Code. 500053**

**350Watt/12V**

**Code. 500058**

**350Watt/24V**

**Technical Specifications**

|                           |                       |                       |
|---------------------------|-----------------------|-----------------------|
| Nominal voltage (output): | 12Vdc                 | 24Vdc                 |
| Nominal wattage:          | 350Watt               | 350Watt               |
| Input voltage/frequency:  | 175/240Vac 50/60Hz    | 175/240Vac 50/60Hz    |
| Output current:           | 30A                   | 15A                   |
| Efficiency:               | 90%                   | 90%                   |
| No-load consumption:      | <0,5 Watt             | <0,5 Watt             |
| Working temperature:      | -20 ... 45°C          | -20 ... 45°C          |
| Isolation class:          | Class I               | Class I               |
| IP protection:            | IP20                  | IP20                  |
| Protections:              | OTP/ OLP/OVP/SCP      | OTP/ OLP/OVP/SCP      |
| Lifespan:                 | 20.000 hours          | 20.000 hours          |
| Dimensions:               | 224x 60x 25mm (LxWxH) | 224x 60x 25mm (LxWxH) |
| Weight:                   | 420g                  | 420g                  |
| EAN:                      | 5206704003506         | 5206704003568         |



**IP20 CE RoHS ERP**

**Power supply Cubalux TORA**  
**— Constant Voltage**  
 350 Watt 12/24Vdc

# 7 POWER SUPPLY

## 2 Constant voltage IP67

Power supply Cubalux  
— Constant Voltage  
60Watt 12/24Vdc



Power supply Cubalux  
— Constant Voltage  
100Watt 12/24Vdc



**2 YEARS WARRANTY**



**2 YEARS WARRANTY**



**IP67** **CE** RoHS ERP

**IP67** **CE** RoHS ERP

**Code. 130533**

60 Watt/12V

**Code. 130855**

60 Watt/24V

**Code. 130534**

100Watt/12V

**Code. 130854**

100Watt/24V

| Technical Specifications  |                              |                              |
|---------------------------|------------------------------|------------------------------|
| Nominal voltage (output): | 12Vdc                        | 24Vdc                        |
| Nominal wattage:          | 60Watt                       | 60Watt                       |
| Input voltage/frequency:  | 100/240Vac<br>50/60Hz        | 100/240Vac<br>50/60Hz        |
| Output current:           | 5A                           | 2,5A                         |
| Efficiency:               | 90%                          | 90%                          |
| No-load consumption:      | <0,5 Watt                    | <0,5 Watt                    |
| Working temperature:      | -20 ... +60°C                | -20 ... +60°C                |
| Isolation class:          | Class I                      | Class I                      |
| IP protection:            | IP67                         | IP67                         |
| Protections:              | OTP / OLP / OVP / SCP        | OTP / OLP / OVP / SCP        |
| Lifespan:                 | 20.000 hours                 | 20.000 hours                 |
| Dimensions:               | 173,6x 50x 22,7mm<br>(LxWxH) | 173,6x 50x 22,7mm<br>(LxWxH) |
| Weight:                   | 350g                         | 350g                         |
| EAN:                      | 5206704000963                | 5206704000994                |

| Technical Specifications  |                              |                              |
|---------------------------|------------------------------|------------------------------|
| Nominal voltage (output): | 12Vdc                        | 12Vdc                        |
| Nominal wattage:          | 100Watt                      | 100Watt                      |
| Input voltage/frequency:  | 100/240Vac<br>50/60Hz        | 100/240Vac<br>50/60Hz        |
| Output current:           | 8,33A                        | 4,17A                        |
| Efficiency:               | 90%                          | 90%                          |
| No-load consumption:      | <0,5 Watt                    | <0,5 Watt                    |
| Working temperature:      | -20 ... +60°C                | -20 ... +60°C                |
| Isolation class:          | Class I                      | Class I                      |
| IP protection:            | IP67                         | IP67                         |
| Protections:              | OTP / OLP / OVP / SCP        | OTP / OLP / OVP / SCP        |
| Lifespan:                 | 20.000 hours                 | 20.000 hours                 |
| Dimensions:               | 173,6x 50x 22,7mm<br>(LxWxH) | 173,6x 50x 22,7mm<br>(LxWxH) |
| Weight:                   | 450g                         | 450g                         |
| EAN:                      | 5206704000970                | 5206704001007                |

Power supply Cubalux  
— Constant Voltage  
200Watt 12/24Vdc



Power supply Cubalux  
— Constant Voltage  
300Watt 12/24Vdc



**2 YEARS WARRANTY**



**2 YEARS WARRANTY**



**IP67** **CE** RoHS ERP



**IP67** **CE** RoHS ERP

**Code. 130538**  
200Watt/12V

**Code. 130853**  
200 Watt/24V

**Code. 130800**  
300Watt/12V

**Code. 130801**  
300Watt/24V

**Technical Specifications**

|                           |                          |                          |
|---------------------------|--------------------------|--------------------------|
| Nominal voltage (output): | 12Vdc                    | 24Vdc                    |
| Nominal wattage:          | 200Watt                  | 200Watt                  |
| Input voltage/frequency:  | 100/240Vac<br>50/60Hz    | 100/240Vac<br>50/60Hz    |
| Output current:           | 16,5A                    | 8,3A                     |
| Efficiency:               | 90%                      | 90%                      |
| No-load consumption:      | <0,5 Watt                | <0,5 Watt                |
| Working temperature:      | -20 ... 60°C             | -20 ... 60°C             |
| Isolation class:          | Class I                  | Class I                  |
| IP protection:            | IP67                     | IP67                     |
| Protections:              | OTP/OLP/OVP/SCP          | OTP/OLP/OVP/SCP          |
| Lifespan:                 | 20.000 hours             | 20.000 hours             |
| Dimensions:               | 202,6x60x25mm<br>(LxWxH) | 202,6x60x25mm<br>(LxWxH) |
| Weight:                   | 900g                     | 900g                     |
| EAN:                      | 5206704000987            | 5206704001014            |

**Technical Specifications**

|                           |                          |                            |
|---------------------------|--------------------------|----------------------------|
| Nominal voltage (output): | 12Vdc                    | 24Vdc                      |
| Nominal wattage:          | 300Watt                  | 300Watt                    |
| Input voltage/frequency:  | 175/240Vac<br>50/60Hz    | 175/240Vac<br>50/60Hz      |
| Output current:           | 25A                      | 12,5A                      |
| Efficiency:               | 90%                      | 90%                        |
| No-load consumption:      | <0,5 Watt                | <0,5 Watt                  |
| Working temperature:      | -20 ... 60°C             | -20 ... 60°C               |
| Isolation class:          | Class I                  | Class I                    |
| IP protection:            | IP67                     | IP67                       |
| Protections:              | OTP/OLP/OVP/SCP          | OTP/OLP/OVP/SCP            |
| Lifespan:                 | 20.000 hours             | 20.000 hours               |
| Dimensions:               | 251,6x60x25mm<br>(LxWxH) | 126x49,5x22,5mm<br>(LxWxH) |
| Weight:                   | 1100g                    | 1100g                      |
| EAN:                      | 5206704006590            | 5206704006606              |

A person in a grey and black jacket and dark pants is walking away from the camera down a long, modern hallway. The ceiling is illuminated with bright, rectangular light fixtures. The walls are decorated with large, colorful murals in shades of red, orange, and yellow. The floor is highly reflective, mirroring the lights and the person. On the left side, there are rows of curved metal bike racks. The overall atmosphere is vibrant and contemporary.

“Light is  
the symbol of  
truth.”

~ JAMES RUSSELL LOWELL

CUBA★LUX

# 8 DIMMABLE LED DRIVER

## 1 Constant voltage IP20

**5 YEARS WARRANTY**



**IP20**

**CE**

**RoHS**

- TRIAC
- PUSH BUTTON

75Watt/12Vdc 75Watt/24Vdc



**Code. 131112**

75Watt/12V

**Code. 131113**

75Watt/24V

### Technical Specifications

|                           |                        |                        |
|---------------------------|------------------------|------------------------|
| Nominal voltage (output): | 12Vdc                  | 24Vdc                  |
| Nominal wattage:          | 75Watt                 | 75Watt                 |
| Input voltage/frequency:  | 100/240Vac 50/60Hz     | 100/240Vac 50/60Hz     |
| Nominal Output current:   | 6,25A                  | 3,125A                 |
| Dimmable:                 | TRIAC/ELV, AC Push dim | TRIAC/ELV, AC Push dim |
| Dimming range:            | 1 - 100% <sup>1</sup>  | 1 - 100% <sup>1</sup>  |
| Efficiency:               | 85%                    | 85%                    |
| Working temperature:      | -30 ... +50°C          | -30 ... +50°C          |
| Isolation class:          | Class II               | Class II               |
| IP protection:            | IP20                   | IP20                   |
| Protections:              | OTP/OLP/SCP            | OTP/OLP/SCP            |
| Dimensions:               | 179x56x30mm (Lx-WxH)   | 179x56x30mm (Lx-WxH)   |
| Weight:                   | 300g                   | 300g                   |
| EAN:                      | 5206704005753          | 5206704005760          |

<sup>1</sup> The minimum dimmer percentage is affected by the triac dimmer that will work. To achieve a dimmer rate of 1% it must be supported by the triac dimmer

**Code. 131114**

150Watt/12V

**Code. 131115**

150Watt/24V

**5 YEARS WARRANTY**



**IP20**

**CE**

**RoHS**

- TRIAC
- PUSH BUTTON

150Watt/12Vdc 150Watt/24Vdc



### Technical Specifications

|                           |                        |                        |
|---------------------------|------------------------|------------------------|
| Nominal voltage (output): | 12Vdc                  | 24Vdc                  |
| Nominal wattage:          | 150Watt                | 150Watt                |
| Input voltage/frequency:  | 100/240Vac 50/60Hz     | 100/240Vac 50/60Hz     |
| Nominal Output current:   | 12,5A                  | 6,25A                  |
| Dimmable:                 | TRIAC/ELV, AC Push dim | TRIAC/ELV, AC Push dim |
| Dimming range:            | 1 - 100% <sup>1</sup>  | 1 - 100% <sup>1</sup>  |
| Efficiency:               | 85%                    | 85%                    |
| Working temperature:      | -30 ... +50°C          | -30 ... +50°C          |
| Isolation class:          | Class I                | Class I                |
| IP protection:            | IP20                   | IP20                   |
| Protections:              | OTP/OLP/SCP            | OTP/OLP/SCP            |
| Dimensions:               | 235x66,5x36mm (Lx-WxH) | 235x66,5x36mm (Lx-WxH) |
| Weight:                   | 700g                   | 700g                   |
| EAN:                      | 5206704005777          | 5206704005784          |

<sup>1</sup> The minimum dimmer percentage is affected by the triac dimmer that will work. To achieve a dimmer rate of 1% it must be supported by the triac dimmer

# 8 DIMMABLE LED DRIVER

## 1 Constant voltage IP20



**5 YEARS WARRANTY**

F, Light bulb icon, Plug icon, House icon, Truck icon

**IP20**    **CE**    **RoHS**

©RF  
 ●PUSH BUTTON  
 ●0/1 - 10V  
 75Watt/12Vdc  
 75Watt/24Vdc

**Code. 130985**  
 75Watt/12V

**Code. 130986**  
 75Watt/24V

| Technical Specifications  |                            |                            |
|---------------------------|----------------------------|----------------------------|
| Nominal voltage (output): | 12Vdc                      | 24Vdc                      |
| Nominal wattage:          | 75Watt                     | 75Watt                     |
| Input voltage/frequency:  | 100/240Vac 50/60Hz         | 100/240Vac 50/60Hz         |
| Output current:           | 6,25A                      | 3,125A                     |
| Dimmable:                 | RF, 0/1 - 10V, Push button | RF, 0/1 - 10V, Push button |
| Dimming range:            | 1 - 100%                   | 1 - 100%                   |
| Remote distance:          | 30m                        | 30m                        |
| Efficiency:               | 88%                        | 88%                        |
| Power factor:             | > 0,95                     | > 0,95                     |
| Working temperature:      | -30 ... +50°C              | -30 ... +50°C              |
| Isolation class:          | Class I                    | Class I                    |
| IP protection:            | IP20                       | IP20                       |
| Protections:              | OTP/OLP/SCP                | OTP/OLP/SCP                |
| Dimensions:               | 388x31x22,5mm (LxWxH)      | 388x31x22,5mm (LxWxH)      |
| Weight:                   | 448g                       | 448g                       |
| EAN:                      | 5206704004503              | 5206704004510              |

**5 YEARS WARRANTY**

F, Light bulb icon, Plug icon, House icon, Truck icon

**IP20**    **CE**    **RoHS**

©RF  
 ●PUSH BUTTON  
 ●0/1 - 10V  
 150Watt/12Vdc  
 150Watt/24Vdc



**Code. 131015**  
 150Watt/12V

**Code. 131016**  
 150Watt/24V

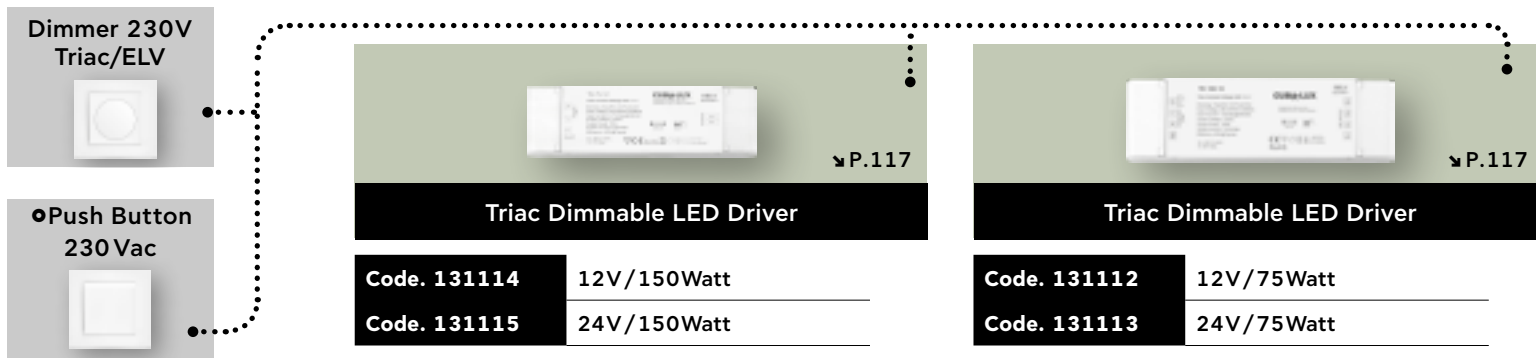
| Technical Specifications  |                            |                            |
|---------------------------|----------------------------|----------------------------|
| Nominal voltage (output): | 12Vdc                      | 24Vdc                      |
| Nominal wattage:          | 150Watt                    | 150Watt                    |
| Input voltage/frequency:  | 100/240Vac 50/60Hz         | 100/240Vac 50/60Hz         |
| Output current:           | 12,5A                      | 6,25A                      |
| Dimmable:                 | RF, 0/1 - 10V, Push button | RF, 0/1 - 10V, Push button |
| Dimming range:            | 1 - 100%                   | 1 - 100%                   |
| Remote distance:          | 30m                        | 30m                        |
| Efficiency:               | 92%                        | 92%                        |
| Power factor:             | > 0,95                     | > 0,95                     |
| Working temperature:      | -30 ... +50°C              | -30 ... +50°C              |
| Isolation class:          | Class I                    | Class I                    |
| IP protection:            | IP20                       | IP20                       |
| Protections:              | OTP/OLP/SCP                | OTP/OLP/SCP                |
| Dimensions:               | 280x67x36mm (LxWxH)        | 280x67x36mm (LxWxH)        |
| Weight:                   | 835g                       | 835g                       |
| EAN:                      | 5206704005180              | 5206704005197              |



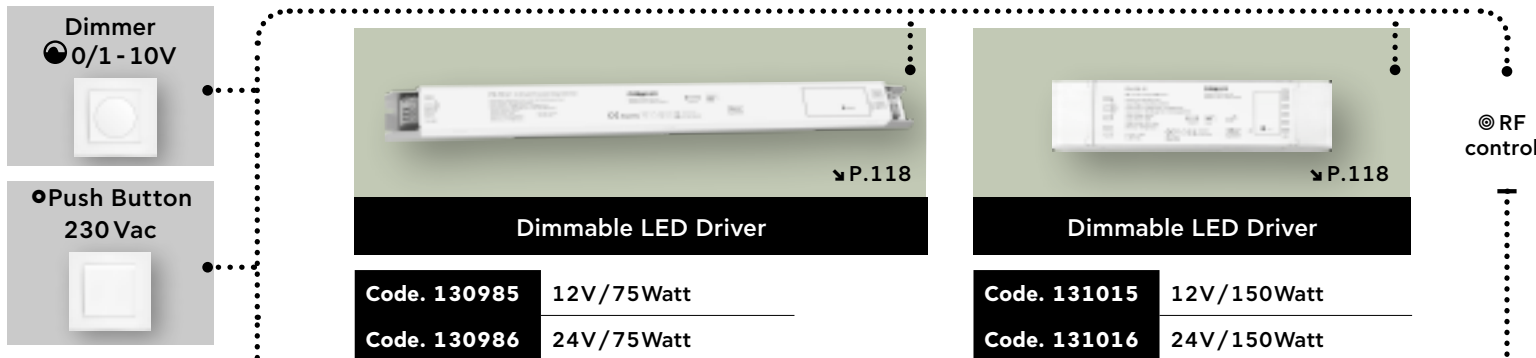
# Compatibility Diagram

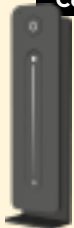







## Dimmable LED drivers & remote controllers for single colour LED Strips

### TRIAC ●PUSH BUTTON



### ⊙RF ●PUSH BUTTON ●0/1-10V



|  |  |   |  |
|--|--|---|--|
| <b>Code. 130932</b><br>Remote Control<br>1 CONTROL ZONE<br><br>P.120    | <b>Code. 130842</b><br>Remote Control<br>4 CONTROL ZONES<br><br>P.123 | <b>Code. 131058</b><br>Table Remote Control<br>1 CONTROL ZONE<br><br>P.120 | <b>Code. 130933</b><br>Remote Control with Magnetic base<br>1 CONTROL ZONE<br><br>P.121 |
| <b>Code. 131060</b><br>Push Button to RF<br>1 CONTROL ZONE<br><br>P.121 | <b>Code. 130977</b><br>Touch Panel<br>4 CONTROL ZONES<br><br>P.122    | <b>Code. 130934</b><br>Touch Panel<br>1-4 CONTROL ZONES<br><br>P.122       | <b>Code. 131057</b><br>Microwave Sensor<br>1 CONTROL ZONE<br><br>P.134                  |

# 9 LIGHT MANAGEMENT

## 1 ©RF controller for simple Dimming

**TOUCH  
REMOTE CONTROL  
FOR DIMMING  
WITH MAGNETIC  
BASE & HOLDER**

**Code. 130932**



**5 YEARS  
WARRANTY**



**YouTube**  
Video of wiring



**CE**

**RoHS**



Dimming

### Technical Specifications

|                                      |                     |
|--------------------------------------|---------------------|
| Output signal:                       | RF 2.4Ghz           |
| Working voltage:                     | 3Vdc (CR2032)       |
| Working current:                     | < 5mA               |
| Stand-by current:                    | < 10µA              |
| Remote distance (without obstacles): | 30m                 |
| Working temperature:                 | -30...+55°C         |
| IP Rating:                           | IP20                |
| Dimensions:                          | 139x36x11mm (LxWxH) |
| Weight:                              | 41g                 |
| EAN:                                 | 5206704003827       |

**©RF REMOTE CONTROLLER  
DESK MOUNT**



**Code. 131058**

**5 YEARS  
WARRANTY**



**CE**

**RoHS**



Dimming

### Technical Specifications

|                                      |                    |
|--------------------------------------|--------------------|
| Output signal:                       | RF 2.4Ghz          |
| Working voltage:                     | 3Vdc (CR2032)      |
| Working current:                     | < 5mA              |
| Stand-by current:                    | < 10mA             |
| Remote distance (without obstacles): | 30m                |
| Working temperature:                 | -30...+55°C        |
| IP Rating:                           | IP20               |
| Dimensions:                          | 91x72x67mm (LxWxH) |
| Weight:                              | 61g                |
| EAN:                                 | 5206704005524      |

**MINI ©RF  
REMOTE CONTROLLER**



Magnetic Wall Bracket  
for installation on iron  
surfaces

**Code. 130933**

### Technical Specifications

|                                      |                  |
|--------------------------------------|------------------|
| Output signal:                       | RF 2.4Ghz        |
| Working voltage:                     | 3Vdc (CR2032)    |
| Working current:                     | < 5mA            |
| Stand-by current:                    | < 2µA            |
| Remote distance (without obstacles): | 30m              |
| Working temperature:                 | -30...+55°C      |
| IP Rating:                           | IP20             |
| Dimensions:                          | Ø 43x 17mm (DxH) |
| Weight:                              | 24g              |
| EAN:                                 | 5206704003834    |



**5 YEARS WARRANTY**

**NEW! PRODUCT**



**CE RoHS**



Dimming



**REMOTE CONTROLLER  
4 CHANNEL  
© RF**

**Code. 131133**

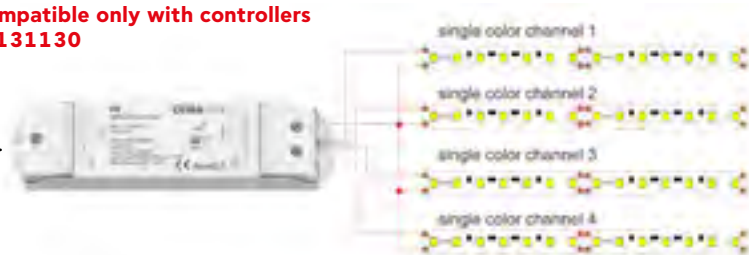
**Technical Specifications**

|                                      |                          |
|--------------------------------------|--------------------------|
| Output signal:                       | RF 2.4Ghz                |
| Working voltage:                     | 3Vdc (2xAAA) - Batteries |
| Working current:                     | < 5mA                    |
| Stand-by current:                    | < 10µA                   |
| Remote distance (without obstacles): | 30m                      |
| Working temperature:                 | -30 ... +55°C            |
| IP Rating:                           | IP20                     |
| Dimensions:                          | 155x 43x 17,5mm (LxWxH)  |
| Weight:                              | 57g                      |
| EAN:                                 | 5206704006644            |

• The SIMPLICITY RF Controller 131133 may control 1-4 channels of a 4 channel controller of a group of the same 4 channel controller

**Attention. Compatible only with controllers 130939 and 131130**

© RF Control



**5 YEARS WARRANTY**



**CE RoHS**



Dimming

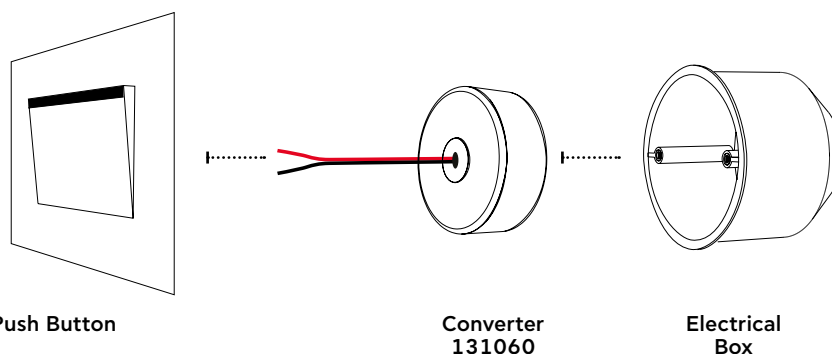
**© PUSH BUTTON CONVERTER TO © RF CONTROLLER**



**Code. 131060**

**Technical Specifications**

|                                      |                         |
|--------------------------------------|-------------------------|
| Output signal:                       | RF 2.4Ghz               |
| Working voltage:                     | 3Vdc (CR2032) - Battery |
| Working current:                     | < 5mA                   |
| Stand-by current:                    | < 2µA                   |
| Remote distance (without obstacles): | 30m                     |
| Working temperature:                 | -30 ... +55°C           |
| IP Rating:                           | IP20                    |
| Dimensions:                          | Ø 43x 17mm (DxH)        |
| Weight:                              | 26g                     |
| EAN:                                 | 5206704005555           |



# 9 LIGHT MANAGEMENT

## 1 RF controller

**TOUCH PANEL DIMMER**  
**SIMPLICITY**  
 4 ZONES  
 RF or  
 DMX512

**Code. 130977**



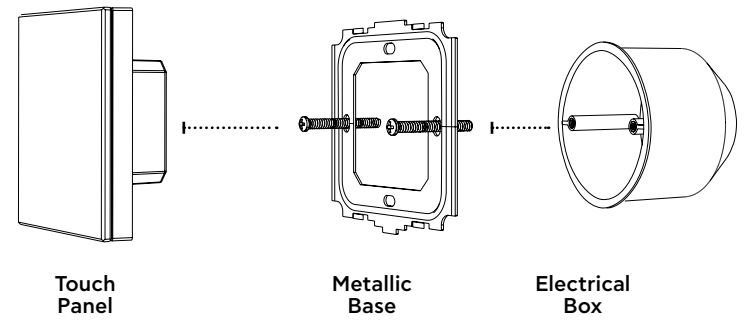
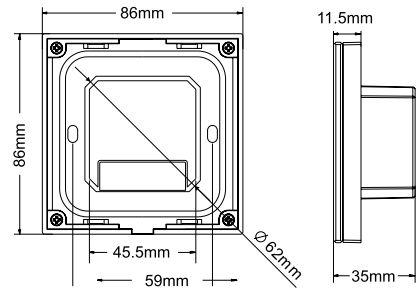
**5 YEARS WARRANTY**

F Home Recycle

**CE RoHS**

Dimming

| Technical Specifications             |                      |
|--------------------------------------|----------------------|
| Working voltage:                     | 85 – 265Vac          |
| Output signal:                       | RF 2.4Ghz / DMX512   |
| Remote distance (without obstacles): | 30m                  |
| Working temperature:                 | -30 ... +55°C        |
| IP Rating:                           | IP20                 |
| Dimensions:                          | 86x 86x 35mm (LxWxH) |
| Weight:                              | 188g                 |
| EAN:                                 | 5206704004367        |



**WALL MOUNTED TOUCH PANEL**  
 RF  
 1-4 ZONES



**5 YEARS WARRANTY**

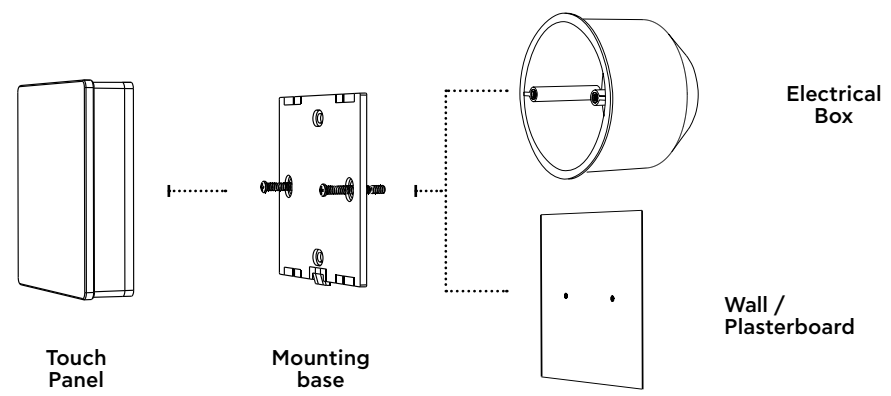
F Home Recycle

**CE RoHS**

Dimming

| Technical Specifications             |                           |
|--------------------------------------|---------------------------|
| Output signal:                       | RF 2.4Ghz                 |
| Working voltage:                     | 3Vdc (2x AAA) - Batteries |
| Working current:                     | < 20mA                    |
| Stand-by current:                    | < 20µA                    |
| Remote distance (without obstacles): | 30m                       |
| Working temperature:                 | -30 ... +55°C             |
| IP Rating:                           | IP20                      |
| Dimensions:                          | 86x 86x 20,50mm (LxWxH)   |
| Weight:                              | 155g                      |

|                     |                     |                 |
|---------------------|---------------------|-----------------|
| <b>Code. 130934</b> | Touch Panel 1 slot. | 5206 70400 3841 |
| <b>Code. 130935</b> | Touch Panel 2 slot. | 5206 70400 3858 |
| <b>Code. 130936</b> | Touch Panel 3 slot. | 5206 70400 3865 |
| <b>Code. 130937</b> | Touch Panel 4 slot. | 5206 70400 3872 |



PROGRAMMABLE ©RF  
REMOTE CONTROL  
4 ZONES

Code. 130842

5 YEARS WARRANTY



Dimming



RGB



RGBW



CCT



Technical Specifications

|                                      |                      |
|--------------------------------------|----------------------|
| Output signal:                       | RF 2.4Ghz            |
| Working voltage:                     | 3Vdc (CR2032)        |
| Working current:                     | < 5mA                |
| Stand-by current:                    | < 10µA               |
| Remote distance (without obstacles): | 30m                  |
| Working temperature:                 | -30 ... +55°C        |
| IP Rating:                           | IP20                 |
| Dimensions:                          | 107x58,5x9mm (LxWxH) |
| Weight:                              | 34g                  |
| EAN:                                 | 5206704002592        |

- The remote control **SIMPLICITY** 130842 can control up to 4 different zones. (Each zone consisting from one to virtually large amount of controllers)

Each one of the 4 zones can be set to control 4 different types of LED strips

- SINGLE COLOUR LED STRIPS**
- RGB LED STRIPS**
- RGBW LED STRIPS**
- CCT LED STRIP**

PROGRAMMABLE ©RF  
REMOTE CONTROL  
8 ZONES

Code. 131132

5 YEARS WARRANTY **NEW! PRODUCT**



Dimming



RGB



RGBW



CCT



Technical Specifications

|                                      |                      |
|--------------------------------------|----------------------|
| Output signal:                       | RF 2.4Ghz            |
| Working voltage:                     | 3Vdc (2x AAA)        |
| Working current:                     | < 5mA                |
| Stand-by current:                    | < 10µA               |
| Remote distance (without obstacles): | 30m                  |
| Working temperature:                 | -30 ... +55°C        |
| IP Rating:                           | IP20                 |
| Dimensions:                          | 107x58,5x9mm (LxWxH) |
| Weight:                              | 59g                  |
| EAN:                                 | 5206704006637        |

- The remote control **SIMPLICITY** 131132 can control up to 4 different zones. (Each zone consisting from one to virtually large amount of controllers)

Each one of the 8 zones can be set to control 4 different types of LED strips

- SINGLE COLOUR LED STRIPS**
- RGB LED STRIPS**
- RGBW LED STRIPS**
- CCT LED STRIP**

# 9 LIGHT MANAGEMENT

## 1 RF controller

### PROGRAMMABLE REMOTE CONTROL

- 1 ZONE
- RF



Code. 130948

5 YEARS WARRANTY



CE RoHS



#### Technical Specifications

|                                      |                        |
|--------------------------------------|------------------------|
| Output signal:                       | RF 2.4Ghz              |
| Working voltage:                     | 3Vdc (CR2032) Battery  |
| Working current:                     | < 5mA                  |
| Stand-by current:                    | < 2µA                  |
| Remote distance (without obstacles): | 30m                    |
| Working temperature:                 | -30... +55°C           |
| IP Rating:                           | IP20                   |
| Dimensions:                          | 107x 58,5x 9mm (LxWxH) |
| Weight:                              | 41g                    |
| EAN:                                 | 5206704003988          |

### TABLETOP REMOTE CONTROL

- RF
- DMX512
- 4 CH



Code. 131059

5 YEARS WARRANTY



CE RoHS



#### Technical Specifications

|                                      |                       |
|--------------------------------------|-----------------------|
| Output signal:                       | RF 2.4Ghz             |
| Working voltage:                     | 3Vdc (CR2032) Battery |
| Working current:                     | < 5mA                 |
| Stand-by current:                    | <102µA                |
| Remote distance (without obstacles): | 30m                   |
| Working temperature:                 | -30... +55°C          |
| IP Rating:                           | IP20                  |
| Dimensions:                          | 91x 72x 67mm (DxH)    |
| Weight:                              | 61g                   |
| EAN:                                 | 5206704005531         |

### TOUCH PANEL

- 4 ZONES/
- RF CONTROL
- 16 CH/
- DMX512 CONTROL



Code. 130940

5 YEARS WARRANTY



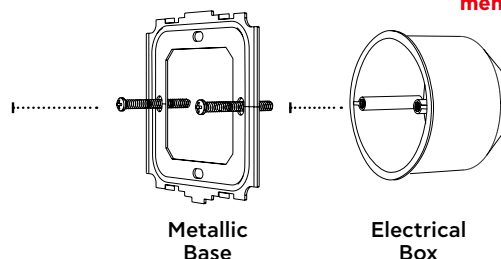
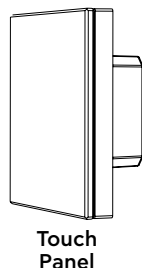
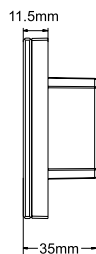
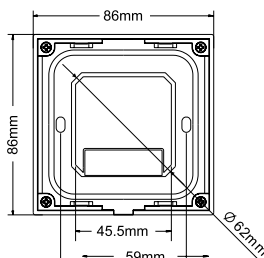
CE RoHS



#### Technical Specifications

|                                      |                      |
|--------------------------------------|----------------------|
| Working voltage:                     | 85 – 265Vac          |
| Output signal:                       | RF 2.4Ghz / DMX512   |
| Remote distance (without obstacles): | 30m                  |
| Working temperature:                 | -30... +55°C         |
| IP Rating:                           | IP20                 |
| Dimensions:                          | 86x 86x 35mm (LxWxH) |
| Weight:                              | 188g                 |
| EAN:                                 | 5206704003902        |

**Attention. Compatible only with controllers 130939, 131061, 131130 and 131131 for management RF RGB/RGBW LED strips**



# 9 LIGHT MANAGEMENT

## 2 Dimmer & controller set

**5 YEARS WARRANTY**

**NEW! PRODUCT**



**CE RoHS**



Dimming



©RF DIMMER WITH REMOTE CONTROL

Code. 131136

### Technical Specifications

|                                      |                               |
|--------------------------------------|-------------------------------|
| Input Voltage:                       | 5 – 36Vdc                     |
| Output:                              | PWM constant voltage          |
| Output current:                      | 8A max 12/24 Vdc              |
| Nominal wattage:                     | 12Vdc/96Watt<br>24Vdc/192Watt |
| Dimmable through:                    | RF 2.4GHz – Push Button       |
| Type of Control:                     | Dimming                       |
| Dimming range:                       | 0 – 100%                      |
| Remote distance (without obstacles): | 30m                           |
| Working temperature:                 | -30 ... +55°C                 |
| IP Rating:                           | IP20                          |
| Dimensions:                          | 97x 33x 18mm (LxWxH)          |
| Weight:                              | 41g                           |

### Technical Specifications

|                                      |                        |
|--------------------------------------|------------------------|
| Output signal:                       | RF 2.4Ghz              |
| Working voltage:                     | 3Vdc (CR2032)          |
| Working current:                     | < 5mA                  |
| Stand-by current:                    | < 2µA                  |
| Remote distance (without obstacles): | 30m                    |
| Working temperature:                 | -30 ... +55°C          |
| IP Rating:                           | IP20                   |
| Dimensions:                          | 107x 58,5x 9mm (LxWxH) |
| Weight:                              | 41g                    |
| EAN:                                 | 5206704006675          |

**5 YEARS WARRANTY**

**NEW! PRODUCT**



**CE RoHS**



RGB



RGBW



©RF CONTROLLER WITH REMOTE CONTROL

Code. 131137

### Technical Specifications




|                                      |                                |
|--------------------------------------|--------------------------------|
| Input Voltage:                       | 12 – 24Vdc                     |
| Output:                              | PWM constant voltage           |
| Output current:                      | 4x4A max 12/24 Vdc             |
| Nominal wattage:                     | 12Vdc/192Watt<br>24Vdc/384Watt |
| Dimmable through:                    | RF 2.4GHz                      |
| Type of Control:                     | RGB/RGBW                       |
| Dimming range:                       | 0 – 100%                       |
| Remote distance (without obstacles): | 30m                            |
| Working temperature:                 | -30 ... +55°C                  |
| IP Rating:                           | IP20                           |
| Dimensions:                          | 97x 33x 18mm (LxWxH)           |
| Weight:                              | 41g                            |

### Technical Specifications

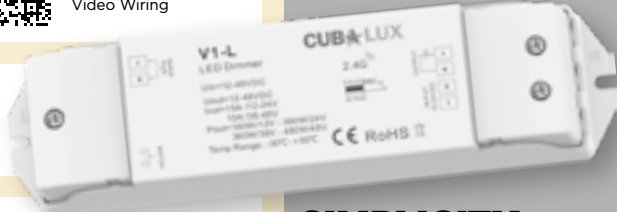
|                                      |                        |
|--------------------------------------|------------------------|
| Output signal:                       | RF 2.4Ghz              |
| Working voltage:                     | 3Vdc (2x AAA)          |
| Working current:                     | < 5mA                  |
| Stand-by current:                    | < 2µA                  |
| Remote distance (without obstacles): | 30m                    |
| Working temperature:                 | -30 ... +55°C          |
| IP Rating:                           | IP20                   |
| Dimensions:                          | 107x 58,5x 9mm (LxWxH) |
| Weight:                              | 41g                    |
| EAN:                                 | 5206704006682          |


# 9 LIGHT MANAGEMENT




## 3 Dimmer - controller






**Code. 130930**





**IP20**   

 Dimming




**SIMPLICITY CONTROLLER**  
 © RF  
 ● PUSH BUTTON  
 15A/12 - 48Vdc

| Technical Specifications |  |
|--------------------------|--|
| Input Voltage:           | 12 - 48 Vdc  |
| Output:                  | PWM constant voltage   |
| Output current:          | 15A max 12/24Vdc<br>10A max 36/48Vdc                                   |
| Nominal wattage:         | 12Vdc / 180Watt - 24Vdc / 360Watt<br>36Vdc / 360Watt - 48Vdc / 480Watt |
| Dimmable through:        | RF 2.4GHz - Push Button  |
| Type of Control:         | Dimming  |
| Dimming range:           | 0 - 100%   |
| Remote distance:         | 30m  |
| Ambient temp. range:     | -30 ... +55°C  |
| IP Rating:               | IP20   |
| Dimensions:              | 175x45x27mm (LxWxH)  |
| Weight:                  | 98g  |
| EAN:                     | 5206704003803  |


The SIMPLICITY controller 130930 can control


 **Single colour LED strips**




The input signal can be  
 ©RF ● Push button (simple)






**Code. 130929**





**IP20**   

 Dimming




**SIMPLICITY CONTROLLER**  
 © RF  
 ● POTENTIOMETER  
 1 CHANNEL  
 20A/12 - 24Vdc

| Technical Specifications |                                    |
|--------------------------|------------------------------------|
| Input Voltage:           | 12 - 24 Vdc                        |
| Output:                  | PWM constant voltage               |
| Output current:          | 20A max 12/24Vdc                   |
| Nominal wattage:         | 12Vdc / 240Watt<br>24Vdc / 480Watt |
| Dimmable through:        | RF 2.4GHz - Potentiometer          |
| Type of Control:         | Dimming                            |
| Dimming range:           | 0 - 100%                           |
| Remote distance:         | 30m                                |
| Ambient temp. range:     | -30 ... +55°C                      |
| IP Rating:               | IP20                               |
| Dimensions:              | 107x75x38mm (LxWxH)                |
| Weight:                  | 269g                               |
| EAN:                     | 5206704003797                      |


The SIMPLICITY controller 130929 can control


 **Single colour LED strips**




The input signal can be  
 ©RF ● Rotary Switch (top of the controller)








**Code. 130638**





**IP20**   

 Dimming
  RGB
  CCT

**SIMPLICITY CONTROLLER**  
 © RF  
 ● PUSH BUTTON  
 1-3 CHANNELS  
 3x6A / 12-48Vdc

| Technical Specifications |   |
|--------------------------|---|
| Input Voltage:           | 12 - 36Vdc  |
| Output:                  | PWM constant voltage                                      |
| Output current:          | 3CH, 6A/CH (18A max)                                      |
| Nominal wattage:         | 12Vdc / 3x72Watt (216Watt)<br>24Vdc / 3x144Watt (432Watt) |
| Dimmable through:        | RF 2.4GHz - Push Button                                   |
| Type of Control:         | Dimming, RGB, CCT   |
| Dimming range:           | 0 - 100%  |
| Remote distance:         | 30m   |
| Ambient temp. range:     | -30 ... +55°C   |
| IP Rating:               | IP20  |
| Dimensions:              | 175x45x27mm (LxWxH)                                       |
| Weight:                  | 110g  |
| EAN:                     | 5206704002585   |

The SIMPLICITY Controller 130638 can control:

 **Single colour LED strips**

 **RGB LED strips**

 **CCT LED strips**


The input signal can be  
 ©RF ● Push Button (two wired)







The SIMPLICITY Controller 131130 can control:

-  DIM **Single colour LED strips**
-  RGB **RGB LED strips**
-  RGBW **RGBW LED strips**
-  CCT **CCT LED strips**

The input signal can be  RF

The SIMPLICITY Controller 130939 can control:

-  DIM **Single colour LED strips**
-  RGB **RGB LED strips**
-  RGBW **RGBW LED strips**
-  CCT **CCT LED strips**

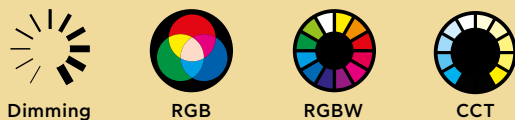
The input signal can be  
 RF  Push button (single wired)



**Code. 131130**

## SIMPLICITY CONTROLLER

 RF  
**1-4 CHANNELS**  
 4x5A / 12-36 Vdc





### Technical Specifications

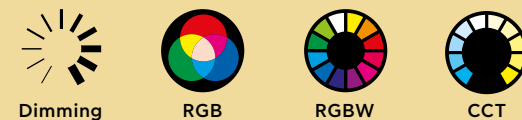
|                      |  |
|----------------------|--|
| Input Voltage:       | 12-36Vdc   |
| Output:              | PWM constant voltage   |
| Output current:      | 4CH, 5A/CH (20A max)   |
| Nominal wattage:     | 12Vdc/4x60Watt (240Watt)<br>24Vdc/4x120Watt (480Watt)<br>36Vdc/4x180Watt (720Watt) |
| Dimmable through:    | RF 2.4GHz  |
| Type of Control:     | Dim, RGB, RGBW, CCT  |
| Dimming range:       | 0-100%   |
| Remote distance:     | 30m  |
| Working temperature: | -30...+55°C  |
| IP Rating:           | IP67   |
| Dimensions:          | 176x78x38mm (LxWxH)  |
| Weight:              | 145g   |
| EAN:                 | 5206704006613  |



**Code. 130939**

## SIMPLICITY CONTROLLER

 RF  PUSH BUTTON  
**1-4 CHANNELS**  
 4x5A / 12-36 Vdc



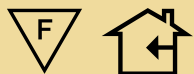
### Technical Specifications

|                      |  |
|----------------------|--|
| Input Voltage:       | 12-36Vdc   |
| Output:              | PWM constant voltage   |
| Output current:      | 4CH, 5A/CH (20A max)   |
| Nominal wattage:     | 12Vdc/4x60Watt (240Watt)<br>24Vdc/4x120Watt (480Watt)<br>36Vdc/4x180Watt (720Watt) |
| Dimmable through:    | RF 2.4GHz - Push Button  |
| Type of Control:     | Dim, RGB, RGBW, CCT  |
| Dimming range:       | 0-100%   |
| Remote distance:     | 30m  |
| Working temperature: | -30...+55°C  |
| IP Rating:           | IP20   |
| Dimensions:          | 175x45x27mm (LxWxH)  |
| Weight:              | 117g   |
| EAN:                 | 5206704003896  |

# 9 LIGHT MANAGEMENT

## 3 Dimmer - controller

**5 YEARS WARRANTY**



Code. 131061

### Technical Specifications

|                                      |  |
|--------------------------------------|--|
| Input Voltage:                       | 12 – 24 Vdc  |
| Output:                              | PWM constant voltage                                       |
| Output current:                      | 5CH, 3A/CH (15A max)                                       |
| Nominal wattage:                     | 12Vdc / 5x36 Watt (180Watt)<br>24Vdc / 5x72 Watt (360Watt) |
| Dimmable through:                    | Tuya APP – RF 2.4GHz                                       |
| Type of Control:                     | Dimming, RGB, RGBW, CCT                                    |
| Dimming range:                       | 0 – 100%   |
| Remote distance (without obstacles): | 30m  |
| Ambient temp. range:                 | -30 ... +55°C  |
| IP Rating:                           | IP20   |
| Dimensions:                          | 114x 38x 20mm (LxWxH)                                      |
| Weight:                              | 54g  |
| EAN:                                 | 5206704005562  |

IP20 CE RoHS

### SIMPLICITY CONTROLLER

Wi-Fi RF  
1-4 CHANNELS  
4x5A/12-24Vdc



Dimming



RGB



RGBW



CCT



Remote Managements



Voice Control



amazon alexa

Google Home

- The Simplicity Controller 131161 can control



**Single colour LED strips**



**RGBW LED strips**



**RGB LED strips**



**CCT LED strips**

- The input signal can be:

RF or Wi-Fi

through the TUYA app for Android or IOS, locally or remotely, via the TUYA Cloud.

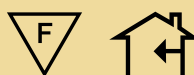
- It can also operate as a **Hub**, in order to control other **RF Simplicity controllers** via the **TUYA App**.

- Through the **TUYA App**,

It can also be connected with

**Amazon Alexa/Google Home**, so that the user can control it via voice commands.

**5 YEARS WARRANTY** **NEW! PRODUCT**



Code. 131131

### Technical Specifications

|                                      |   |
|--------------------------------------|---|
| Input Voltage:                       | 12 – 48 Vdc   |
| Output:                              | PWM constant voltage  |
| Output current:                      | 5CH, 6A/CH 12/24V (30A max)<br>5CH, 4A/CH 36/48V (20A max)  |
| Nominal wattage:                     | 12Vdc / 5x60Watt (300Watt)<br>24Vdc / 5x120Watt (600Watt)<br>36Vdc / 5x144Watt (720Watt)<br>48Vdc / 5x192Watt (960Watt) |
| Dimmable through:                    | Tuya APP – RF 2.4GHz – Push button  |
| Type of Control:                     | Dimming, RGB, RGBW, CCT   |
| Dimming range:                       | 0 – 100%  |
| Remote distance (without obstacles): | 30m   |
| Ambient temp. range:                 | -30 ... +55°C   |
| IP Rating:                           | IP20  |
| Dimensions:                          | 179x 56x 30mm (LxWxH)   |
| Weight:                              | 159g  |
| EAN:                                 | 5206704006620   |

IP20 CE RoHS

### SIMPLICITY CONTROLLER

Wi-Fi RF  
PUSH BUTTON  
1-4 CHANNELS  
12-48Vdc



Dimming



RGB



RGBW



CCT



Remote Managements



Voice Control



amazon alexa

Google Home

- The Simplicity Controller 131061 can control



**Single colour LED strips**



**RGBW LED strips**



**RGB LED strips**



**CCT LED strips**

- The input signal can be:

RF or Wi-Fi

through the TUYA app for Android or IOS, locally or remotely, via the TUYA Cloud.

- It can also operate as a **Hub**, in order to control other **RF Simplicity controllers** via the **TUYA App**.

- Through the **TUYA App**,

It can also be connected with

**Amazon Alexa/Google Home**, so that the user can control it via voice commands.

**2 YEARS WARRANTY**IP20   

CE RoHS

 Dimming**ROTARY DIMMER**  
8A/12 - 24Vdc

Code. 130263

**Technical Specifications**

|                      |                                   |
|----------------------|-----------------------------------|
| Input Voltage:       | 12 - 24 Vdc                       |
| Output:              | PWM constant voltage              |
| Output current:      | 3A max 12/24Vdc                   |
| Nominal wattage:     | 12Vdc / 96Watt<br>24Vdc / 192Watt |
| Dimming range:       | 0 - 100%                          |
| Working temperature: | -20 ... +60°C                     |
| IP Rating:           | IP20                              |
| Dimensions:          | 89x 59x 53mm (LxWxH)              |
| Weight:              | 58g                               |
| EAN:                 | 5206704000208                     |

**2 YEARS WARRANTY**IP20   

CE RoHS

**©RF CONTROLLER WITH REMOTE (SET)**  
8A/12 - 24Vdc

Code. 130264

**Technical Specifications**

|                      |                                   |
|----------------------|-----------------------------------|
| Input Voltage:       | 12 - 24 Vdc                       |
| Output:              | PWM constant voltage              |
| Output current:      | 8Amax 12/24Vdc                    |
| Nominal wattage:     | 12Vdc / 96Watt<br>24Vdc / 192Watt |
| Dimming range:       | 0 - 100%                          |
| Working temperature: | -20 ... +60°C                     |
| IP Rating:           | IP20                              |
| Dimensions:          | 110x 56x 43mm (LxWxH)             |
| Weight:              | 58,5g                             |

**Technical Specifications Remote Control**

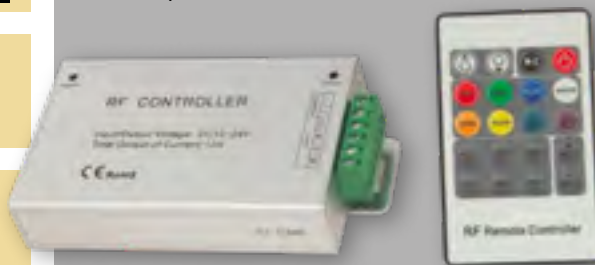
|                                      |                        |
|--------------------------------------|------------------------|
| Input Voltage:                       | 12Vdc (1x27A)          |
| Remote distance (without obstacles): | 30m                    |
| Working temperature:                 | -20 ... +60°C          |
| IP Rating:                           | IP20                   |
| Dimensions:                          | 57x 29,5x 12mm (LxWxH) |
| Weight:                              | 20g                    |
| EAN:                                 | 5206704000185          |

**2 YEARS WARRANTY**IP20   

CE RoHS

 RGB**©RF CONTROLLER WITH REMOTE CONTROLLER (SET)**  
3X4A/12 - 24Vdc

Code. 130363

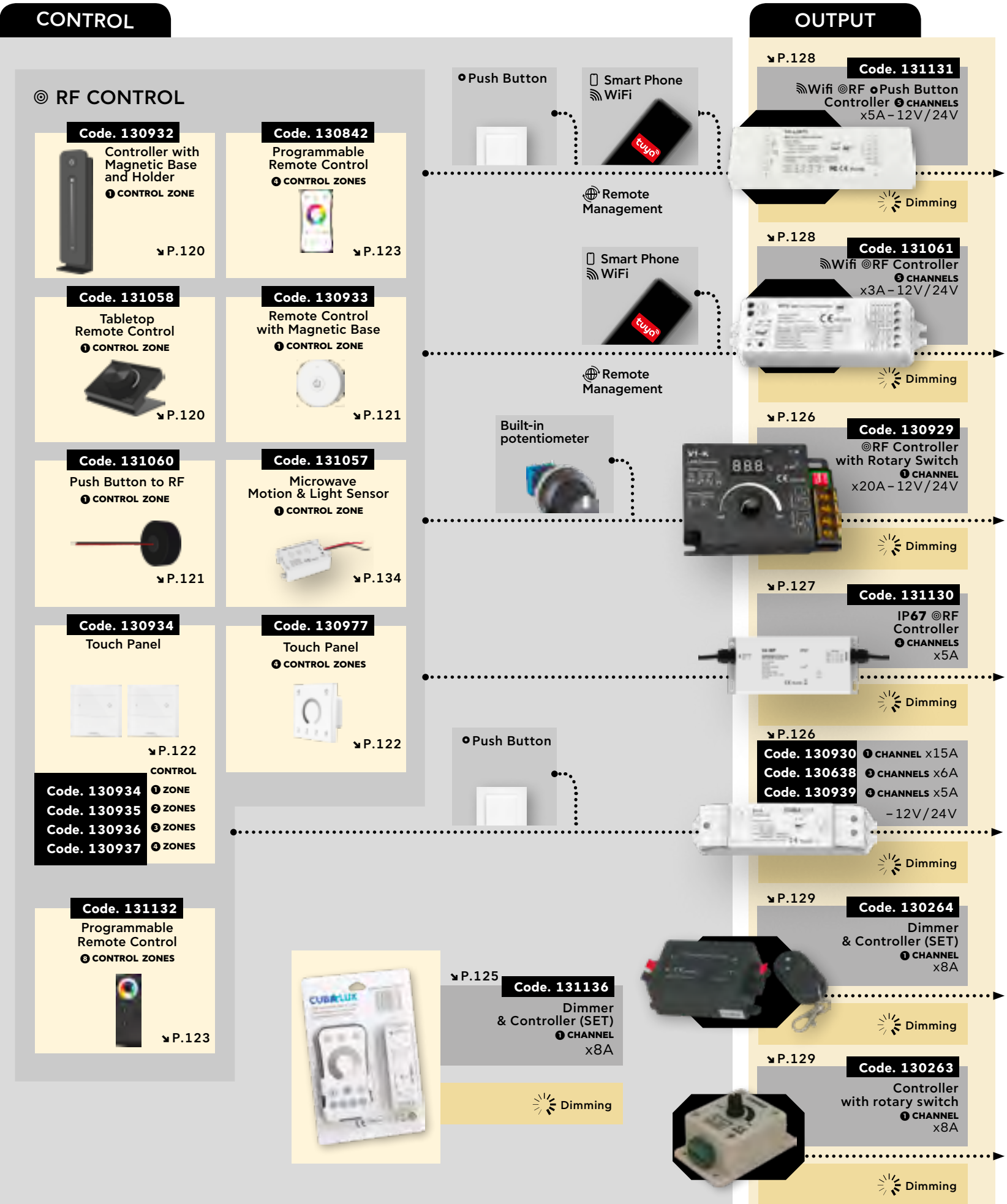
**Technical Specifications**

|                                      |  |
|--------------------------------------|--|
| Input Voltage:                       | 12 - 24 Vdc  |
| Output:                              | PWM constant voltage                                     |
| Output current:                      | 3CH, 4A/CH (12 max)                                      |
| Nominal wattage:                     | 12Vdc / 3x48Watt (144Watt)<br>24Vdc / 3x96Watt (288Watt) |
| Dimmable through:                    | RF 433 MHz   |
| Type of Control:                     | RGB  |
| Remote distance (without obstacles): | 30m  |
| Working temperature:                 | -20 ... +60°C  |
| IP Rating:                           | IP20   |
| Dimensions:                          | 128x 64x 24mm (LxWxH)                                    |
| Weight:                              | 115g   |

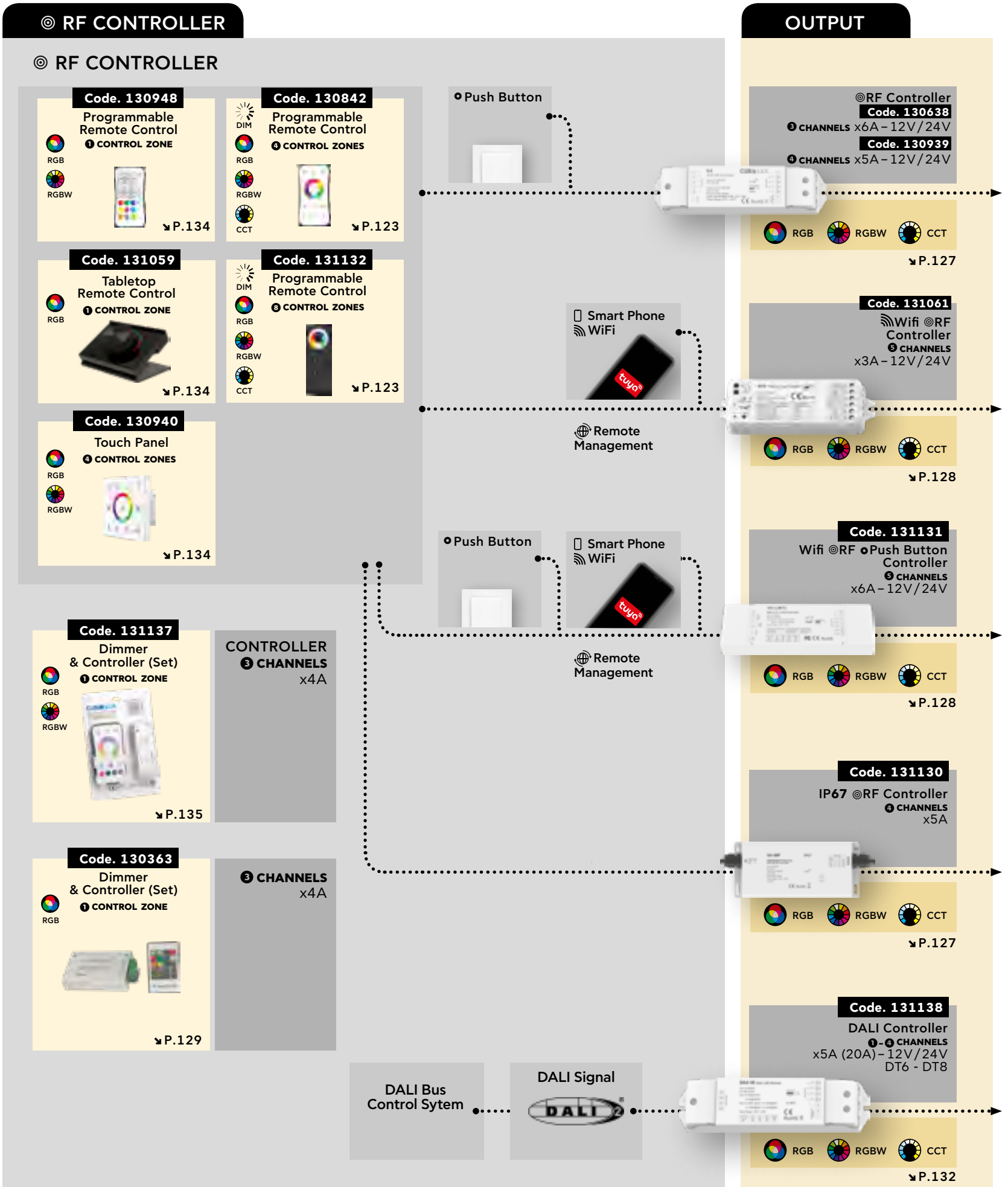
**Technical Specifications Remote Control**

|                                      |                     |
|--------------------------------------|---------------------|
| Input Voltage:                       | 3Vdc (CR2025)       |
| Remote distance (without obstacles): | 30m                 |
| Working temperature:                 | -20 ... +60°C       |
| IP Rating:                           | IP20                |
| Dimensions:                          | 58x 52x 7mm (LxWxH) |
| Weight:                              | 29g                 |
| EAN:                                 | 5206704000154       |

# Compatibility Diagram for wireless or wired control Controllers for single colour LED Strips



# Compatibility Diagram for wireless or wired control Controllers for RGB/RGBW/CCT



# 9 LIGHT MANAGEMENT

## 3 Dimmer - controller

**5 YEARS WARRANTY**



**YouTube**  
Video Συνδεσμολογίας

Code. 130366



**IP20** **CE** **RoHS**



Dimming

**CONTROLLER**  
**0/1 - 10V 8A**

### Technical Specifications

|                      |                      |
|----------------------|----------------------|
| Input Voltage:       | 5 - 36 Vdc           |
| Output:              | PWM constant voltage |
| Output current:      | 8A 12/24Vdc          |
|                      | 12Vdc/96Watt         |
|                      | 24Vdc/192Watt        |
| Nominal wattage:     |                      |
| Dimmable through:    | 0/1 - 10V            |
| Type of Control:     | Dimming              |
| Dimming range:       | 0 - 100%             |
| Remote distance:     | 30m                  |
| Ambient temp. range: | -30 ... +55°C        |
| IP Rating:           | IP20                 |
| Dimensions:          | 97x33x18mm (LxWxH)   |
| Weight:              | 41g                  |
| EAN:                 | 5206704000192        |

- The SIMPLICITY Controller 130366 offers a wide range of dimming without flickering.
- Compatible with active or passive controllers (0-10V or 1-10V).

### Technical Specifications

|                      |                            |
|----------------------|----------------------------|
| Input Voltage:       | 12 - 48 Vdc                |
| Output:              | PWM constant voltage       |
| Output current:      | 15A max 12/24Vdc           |
|                      | 12Vdc/180Watt              |
|                      | 24Vdc/360Watt              |
| Nominal wattage:     |                            |
| Dimmable through:    | 40 - 230 Vdc / Push button |
| Type of Control:     | Dimming                    |
| Dimming range:       | 0 - 100%                   |
| Ambient temp. range: | -30 ... +55°C              |
| IP Rating:           | IP20                       |
| Dimensions:          | 175x45x27mm (LxWxH)        |
| Weight:              | 100g                       |
| EAN:                 | 5206704001175              |

- The SIMPLICITY Controller 130611 is compatible with a wide range of 230V Dimmers.
- The controller offers also flicker-free dimming, due to the microprocessor inside. (Anti Flicker Technology)
- It can also operate via a simple Push Button.

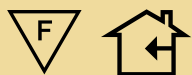
### Technical Specifications

|                                      |                         |
|--------------------------------------|-------------------------|
| Input Voltage:                       | 12 - 48Vdc              |
| Output:                              | PWM constant voltage    |
| Output current:                      | 4x5A max 12/24Vdc       |
|                                      | 4x3A max 36/24Vdc       |
|                                      | 12Vdc/240Watt -         |
|                                      | 24Vdc/480Watt           |
|                                      | 36Vdc/432Watt -         |
|                                      | 48Vdc/960Watt           |
| Nominal wattage:                     |                         |
| Dimmable through:                    | DALI DT6/DT8            |
| Type of Control:                     | Dimming, RGB, RGBW, CCT |
| Dimming range:                       | 0 - 100%                |
| Remote distance (without obstacles): | 30m                     |
| Ambient temp. range:                 | -30 ... +55°C           |
| IP Rating:                           | IP20                    |
| Dimensions:                          | 175x45x27mm (LxWxH)     |
| Weight:                              | 122g                    |
| EAN:                                 | 5206704006699           |

The SIMPLICITY controller 131138 operates in accordance to the DALI protocol.  
**(IEC 62386-102, IEC 62386-207, IEC 62386-209)**

**5 YEARS WARRANTY**

Code. 130611



**IP20** **CE** **RoHS**



Dimming

**TRIAC CONTROLLER**  
**PUSH BUTTON**  
15A

### Technical Specifications

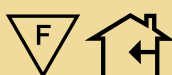
|                                      |                         |
|--------------------------------------|-------------------------|
| Input Voltage:                       | 12 - 48Vdc              |
| Output:                              | PWM constant voltage    |
| Output current:                      | 4x5A max 12/24Vdc       |
|                                      | 4x3A max 36/24Vdc       |
|                                      | 12Vdc/240Watt -         |
|                                      | 24Vdc/480Watt           |
|                                      | 36Vdc/432Watt -         |
|                                      | 48Vdc/960Watt           |
| Nominal wattage:                     |                         |
| Dimmable through:                    | DALI DT6/DT8            |
| Type of Control:                     | Dimming, RGB, RGBW, CCT |
| Dimming range:                       | 0 - 100%                |
| Remote distance (without obstacles): | 30m                     |
| Ambient temp. range:                 | -30 ... +55°C           |
| IP Rating:                           | IP20                    |
| Dimensions:                          | 175x45x27mm (LxWxH)     |
| Weight:                              | 122g                    |
| EAN:                                 | 5206704006699           |

The SIMPLICITY controller 131138 operates in accordance to the DALI protocol.  
**(IEC 62386-102, IEC 62386-207, IEC 62386-209)**

**5 YEARS WARRANTY**

**NEW! PRODUCT**

Code. 131138



**IP20** **CE** **RoHS**



Dimming



RGB



RGBW



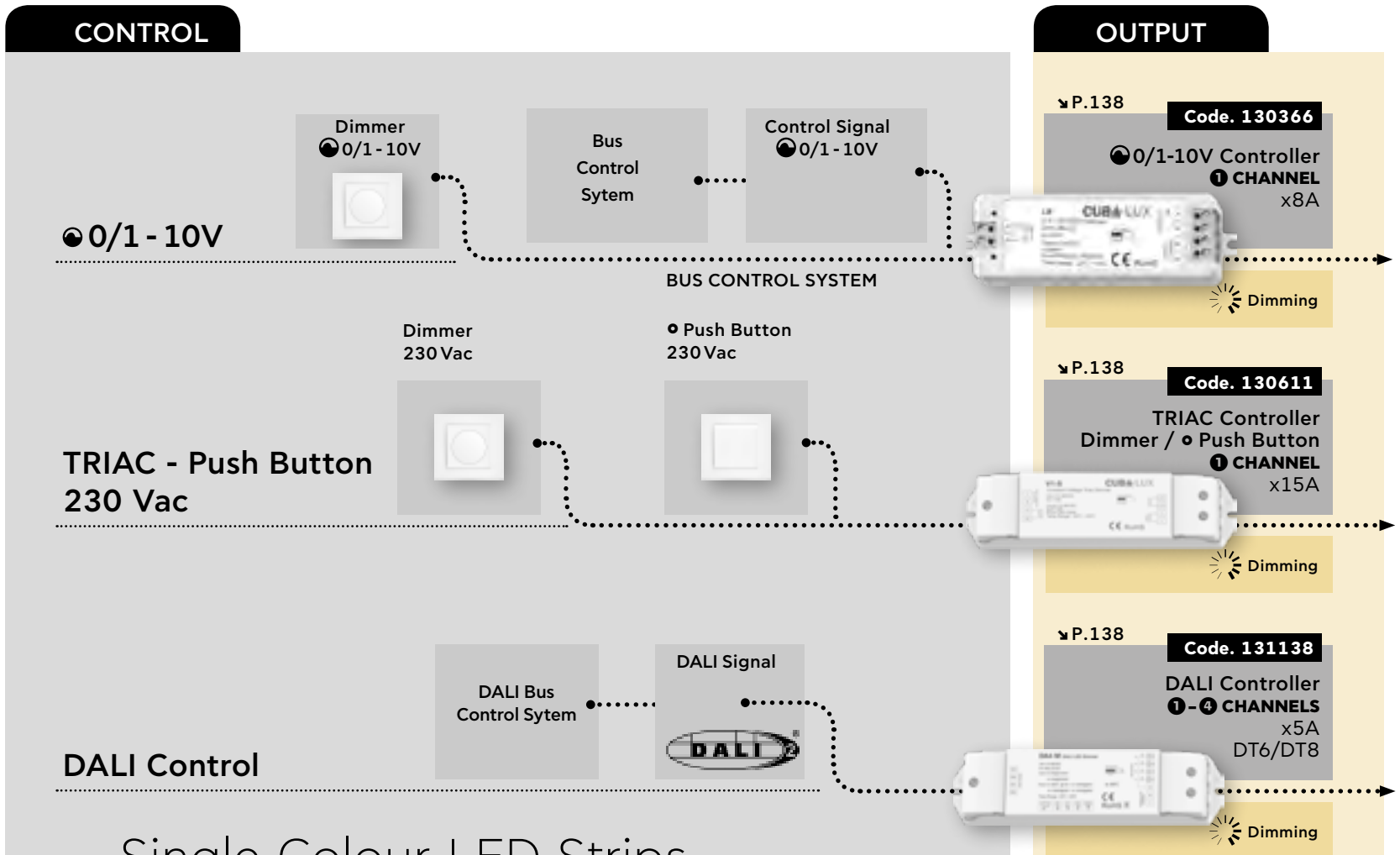
CCT

**DALI CONTROLLER**  
**1-4 CHANNELS**  
x5A DT6/DT8

- 1 DALI Address: • DIM-DT6 • CCT-DT8 • RGB-DT8 • RGBW-DT8
- Light type selection with dip switch

# Compatibility Diagram

Single Colour LED Strips wireless or wired control



Single Colour LED Strips  
Control via sensors/touch controllers

**Code. 130955**

IR Sensor on/off Controller for doors

1 CHANNEL  
x4A

On/Off

↘ P.140

**Code. 131056**

Touch Controller for Installation inside a profile

1 CHANNEL  
x3A

On/Off Dimming

↘ P.141

**PIR Sensor**

↘ P.141 **Code. 131134**

PIR Sensor  
1 CHANNEL  
x8A

On/Off

**Touch Sensor**

↘ P.141 **Code. 131135**

Touch Controller On/Off  
1 CHANNEL  
x8A

On/Off

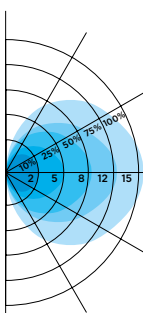
# 9 LIGHT MANAGEMENT

## 4 Detectors

**5 YEARS WARRANTY**



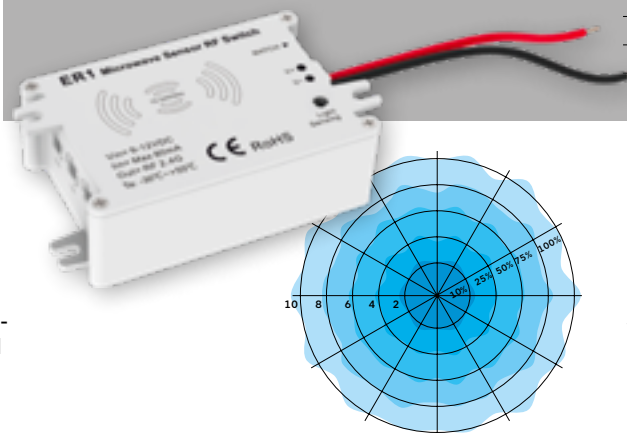
**CE RoHS**



Polar Diagram of the Detection Area, when installed inside a false wall (approx. 1,5m height)

### MICROWAVE MOTION @SENSOR & LIGHT DETECTOR

Code. 131057



#### Technical Specifications

|                                      |                          |
|--------------------------------------|--------------------------|
| Output signal:                       | RF 2.4Ghz                |
| Working voltage:                     | 3Vdc (2xAAA) - Batteries |
| Working current:                     | < 5mA                    |
| Stand-by current:                    | < 10µA                   |
| Remote distance (without obstacles): | 30m                      |
| Working temperature:                 | -30 ... +55°C            |
| IP Rating:                           | IP20                     |
| Dimensions:                          | 155x 43x 17,5mm (LxWxH)  |
| Weight:                              | 57g                      |
| EAN:                                 | 5206704005500            |

- Human motion can be detected through plastic, glass and any thin non plastic material...

Work with the controller @RF **SIMPLICITY**.  
The interconnection is wireless.

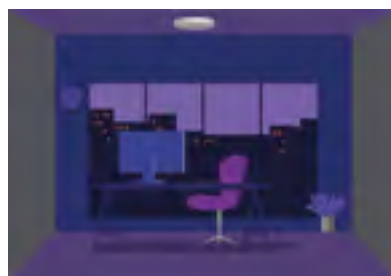
Polar Diagram of the detection area, when installed inside a false ceiling (approx. 2,5 m height)



During the day, the lights will not operate, due to daylight.



During the night, the lights will operate, when motion is sensed.



The lights will stop operating , after a short period of time (pre-adjusted), when not human motion is sensed.

**5 YEARS WARRANTY**



**CE RoHS**

### IR DOOR DETECTOR FOR CLOSETS



Code. 130955

#### Technical Specifications

|                        |                              |
|------------------------|------------------------------|
| Input Voltage:         | 12 – 24Vdc                   |
| Output current:        | 4A max 12/24Vdc              |
| Nominal wattage:       | 12Vdc/48Watt<br>24Vdc/96Watt |
| Type of Control:       | On/Off                       |
| Distance of Detection: | <10cm                        |
| Working temperature:   | -30 ... +55°C                |
| IP Rating:             | IP20                         |
| Dimensions:            | 54x 45x 16,5mm (LxWxH)       |
| Weight:                | 32g                          |
| Cable length:          | 1+1 m                        |
| EAN:                   | 5206704004404                |

- It turns on the LED strips, as soon as we open the closet door.
- It turns off the LED strips, as soon as someone closes the door.
- To be installed at a maximum distance of 5cm from the door.



**5 YEARS WARRANTY** 

**IP20**   

**CE RoHS**



| Technical Specifications |  |
|--------------------------|--|
| Input Voltage:           | 12 – 48Vdc                                     |
| Output current:          | 8A   |
| Nominal wattage:         | 12Vdc/96Watt<br>24Vdc/192Watt<br>48Vdc/384Watt |
| Type of Control:         | On/Off   |
| Distance of Detection:   | <3m  |
| Angle of detection:      | 120°   |
| Stand-by time:           | 30sec.   |
| Working temperature:     | -30 ... +55°C                                  |
| IP Rating:               | IP20   |
| Διαστάσεις Controller:   | 97x 33x 18mm (LxWxH)                           |
| Διαστάσεις αισθητήρα:    | 33,5x 19x 16mm (LxWxH)                         |
| Weight:                  | 59g  |
| Μήκος καλωδίου:          | 1 m  |
| EAN:                     | 5206704006651                                  |


**5 YEARS WARRANTY** 

**IP20**   

**CE RoHS**



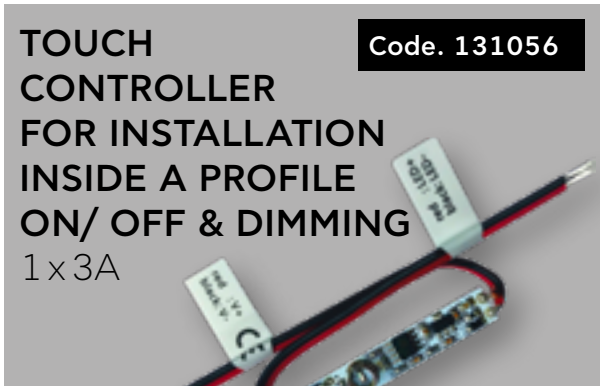
| Technical Specifications |  |
|--------------------------|--|
| Input Voltage:           | 12 – 48Vdc                                     |
| Output current:          | 8A mac   |
| Nominal wattage:         | 12Vdc/96Watt<br>24Vdc/192Watt<br>48Vdc/384Watt |
| Type of Control:         | On/Off Dim                                     |
| Working temperature:     | -30 ... +55°C                                  |
| IP Rating:               | IP20   |
| Διαστάσεις Controller:   | 97x 33x 18mm (LxWxH)                           |
| Διαστάσεις αισθητήρα:    | 33,5x 19x 14mm (LxWxH)                         |
| Weight:                  | 56g  |
| Cable length:            | 1 m  |
| EAN:                     | 5206704006668                                  |

- 
- Short touch the LED to turn on or turn off light;
  - Long touch the LED to dimming up or down.

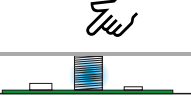
**5 YEARS WARRANTY**

**IP20**   

**CE RoHS**



| Technical Specifications |                               |
|--------------------------|-------------------------------|
| Input Voltage:           | 12 – 24Vdc                    |
| Έξοδος:                  | PMW constant voltage          |
| Output current:          | 3A max 12/24 Vdc              |
| Nominal wattage:         | 12Vdc/96Watt<br>24Vdc/192Watt |
| Type of Control:         | 0 – 100%                      |
| Working temperature:     | -30 ... +55°C                 |
| IP Rating:               | IP20                          |
| Dimensions:              | 50x 7,80x 10mm (LxWxH)        |
| Weight:                  | 269g                          |
| EAN:                     | 5206704005494                 |

- 
- Short touch the LED to turn on or turn off light;
  - Long touch the LED to dimming up or down.

 Dimming

# 9 LIGHT MANAGEMENT

## 5 Signal repeater

**5 YEARS WARRANTY**



**CE RoHS**



**CONSTANT VOLTAGE PWM SIGNAL REPEATER**  
1X8A

**Code. 130856**



**Technical Specifications**

|                      |                      |
|----------------------|----------------------|
| Input Voltage:       | 5 – 36Vdc            |
| Output:              | PWM constant voltage |
| Input:               | PWM constant voltage |
| Output current:      | 8A max 12/24 Vdc     |
|                      | 12Vdc / 96Watt       |
| Nominal wattage:     | 24Vdc / 192Watt      |
| Working temperature: | -30 ... +55°C        |
| IP Rating:           | IP20                 |
| Dimensions:          | 97x33x18mm (LxWxH)   |
| Weight:              | 41g                  |
| EAN:                 | 5206704003186        |

- One constant voltage Controller can theoretically connect to an unlimited number of PWM repeaters, in series or in parallel, and achieve synchronized dimming.

**5 YEARS WARRANTY**



**CE RoHS**



**CONSTANT VOLTAGE PWM SIGNAL REPEATER**  
1X15A

**Code. 130938**



**Technical Specifications**

|                      |                      |
|----------------------|----------------------|
| Input Voltage:       | 5 – 36Vdc            |
| Output:              | PWM constant voltage |
| Input:               | PWM constant voltage |
| Output current:      | 15A max 12/24 Vdc    |
|                      | 12Vdc / 180Watt      |
| Nominal wattage:     | 24Vdc / 360Watt      |
| Working temperature: | -30 ... +55°C        |
| IP Rating:           | IP20                 |
| Dimensions:          | 175x45x27mm (LxWxH)  |
| Weight:              | 96g                  |
| EAN:                 | 5206704003889        |

- One constant voltage Controller can theoretically connect to an unlimited number of PWM repeaters, in series or in parallel, and achieve synchronized dimming.

**5 YEARS WARRANTY**



**CE RoHS**



**SIGNAL REPEATER**  
3X6A

**Code. 130361**



**Technical Specifications**

|                      |                             |
|----------------------|-----------------------------|
| Input Voltage:       | 5 – 36Vdc                   |
| Output:              | PWM constant voltage        |
| Input:               | PWM constant voltage        |
| Output current:      | 3CH, 6A/CH (18A max)        |
|                      | 12Vdc / 3x72Watt (216Watt)  |
| Nominal wattage:     | 24Vdc / 3x144Watt (432Watt) |
| Working temperature: | -30 ... +55°C               |
| IP Rating:           | IP20                        |
| Dimensions:          | 175x45x27mm (LxWxH)         |
| Weight:              | 96g                         |
| EAN:                 | 5206704000161               |

- One constant voltage Controller can theoretically connect to an unlimited number of PWM repeaters, in series or in parallel, and achieve synchronized dimming.



**5 YEARS WARRANTY**



**Technical Specifications**

|                      |   |
|----------------------|---|
| Input Voltage:       | 12 – 36 Vdc   |
| Output:              | PWM constant voltage                                    |
| Input:               | PWM constant voltage                                    |
| Output current:      | 4CH, 5A/CH (20Amax)                                     |
| Nominal wattage:     | 12Vdc/4x60Watt (240 Watt)<br>12Vdc/4x120Watt (480 Watt) |
| Working temperature: | -30 ... +55°C   |
| IP Rating:           | IP20  |
| Dimensions:          | 175x 45x 27mm (LxWxH)                                   |
| Weight:              | 110g  |
| EAN:                 | 5206704003919   |



**Code. 130941**

**IP20 CE RoHS**

**CONSTANT VOLTAGE PWM SIGNAL REPEATER 4X5A FOR CCT/RGB/RGBW LED STRIPS**

- One constant voltage Controller can theoretically connect to an unlimited number of PWM repeaters, in series or in parallel, and achieve synchronized dimming.



Dimming



RGB



RGBW



CCT

**5 YEARS WARRANTY**



**Technical Specifications**

|                                      |                                |
|--------------------------------------|--------------------------------|
| Input Voltage:                       | 100 – 240 Vac<br>12 – 24 Vdc   |
| Power consumption:                   | AC: <0,6 Watt<br>DC: <0,6 Watt |
| Input Signal:                        | RF 2.4 GHz                     |
| Output signal:                       | RF 2.4 GHz                     |
| Remote distance (without obstacles): | 30m                            |
| Working temperature:                 | -30 ... +55°C                  |
| IP Rating:                           | IP20                           |
| Dimensions:                          | 52x 52x 26mm (LxWxH)           |
| Weight:                              | 98g                            |
| EAN:                                 | 5206704005579                  |



**Code. 131062**

**IP20 CE RoHS**


**© RF SIGNAL REPEATER**

# Application Diagram 07


## Signal repeater

### COMPATIBLE CONTROLLERS


**CONTROL** Code. 130930  
 ● RF 1 CHANNEL x15A  
 ● PUSH BUT.  
 ▼ P.132




**CONTROL** Code. 130929  
 ● RF 1 CHANNEL x20A  
 • Built-in Potentiometer  
 ▼ P.132



**CONTROL** Code. 131130  
 ● RF 4 CHANNELS x5A  
 ▼ P.133




**CONTROL** Code. 131131  
 ● Wi-Fi 5 CHANNELS x3A  
 ● PUSH BUT.  
 ▼ P.134




**CONTROL** Code. 131061  
 ● Wi-Fi 5 CHANNELS x3A  
 ● RF  
 ▼ P.134




**CONTROL** Code. 130366  
 0/1-10V 1 CHANNELS x8A  
 ▼ P.138




**CONTROL** Code. 130611  
 230Vac 1 CHANNELS x15A  
 ▼ P.138



**CONTROL** Code. 130942  
 ■ DALI 1 CHANNELS x15A  
 ● PUSH BUT.  
 ▼ P.135



**CONTROL** Code. 130264  
 ● RF 1 CHANNELS x8A  
 ▼ P.135



**CONTROL** Code. 130263  
 • Built-in Potentiometer 1 CHANNELS x8A  
 ▼ P.135



**CONTROL** Code. 130638  
 ● Wi-Fi 3 CHANNELS x6A  
 ● PUSH BUT.  
 ● RF  
 ▼ P.132




**CONTROL** Code. 131061  
 ● Wi-Fi 5 CHANNELS x3A  
 ● RF  
 ▼ P.134




**CONTROL** Code. 131130  
 ● RF IP67 4 CHANNELS x5A  
 ▼ P.133



**CONTROL** Code. 131131  
 ● Wi-Fi 5 CHANNELS x3A  
 ● PUSH BUT.  
 ▼ P.134




**CONTROL** Code. 130363  
 ● RF 3 CHANNELS x4A  
 ▼ P.135




All Controllers & Power supplies ● RF  
**CUBALUX SIMPLICITY**

### SIGNAL REPEATER


Code. 130856  
**SIMPLICITY** SIGNAL REPEATER  
 1 CHANNEL x8A  
 Dimming  
 ▼ P.142




Code. 130938  
**SIMPLICITY** SIGNAL REPEATER  
 1 CHANNEL x15A  
 Dimming  
 ▼ P.142




Code. 130361  
**SIMPLICITY** SIGNAL REPEATER  
 3 CHANNELS x6A  
 RGB CCT  
 ▼ P.142



Code. 130941  
**SIMPLICITY** SIGNAL REPEATER  
 4 CHANNELS x5A  
 RGBW CCT  
 ▼ P.143



Code. 131062  
 ● RF SIGNAL REPEATER  
 ▼ P.143



# 9 LIGHT MANAGEMENT

## 6 DMX512



**5 YEARS WARRANTY**

### Technical Specifications

|                      |   |
|----------------------|---|
| Input Voltage:       | 12 – 36 Vdc   |
| Output:              | PWM constant voltage                                    |
| Output current:      | 4CH, 8A/CH (32Amax)                                     |
| Nominal wattage:     | 12Vdc/4x96Watt (384 Watt)<br>12Vdc/4x192Watt (768 Watt) |
| Dimmable through:    | DMX512  |
| Dimming range:       | 0 – 100%  |
| Working temperature: | -30 ... +55°C   |
| IP Rating:           | IP20  |
| Dimensions:          | 165x70x37mm (LxWxH)                                     |
| Weight:              | 380g  |
| EAN:                 | 5206704000178   |



CE RoHS

Code. 130368

### DMX & RDM DECODER

4x8A – 12/36 Vdc

**DMX512**

- **DMX decode mode**  
Stand Alone **RGB/RGBW** mode  
Stand Alone **4 channel** mode
- Complies with the latest **DMX512, DMX512(1990), DMX512-A, RDM V1.0 (E1.20 - 2006 ESTA Standard)** standard protocols
- **RDM bi-directional communication function**, can realize intercommunication between **DMX master** and **DMX decoder**. For example, you can set DMX decoder address by DMX master console
- **High** or **low** frequency optional.
- **Logarithmic** or **linear dimming** curve optional
- **Three kinds of DMX signal input method, have screw contacts, XLR3 and RJ45 port.**



### Technical Specifications

|                      |  |
|----------------------|--|
| Input Voltage:       | 12 – 24 Vdc  |
| Output:              | PWM constant voltage                                       |
| Output current:      | 12CH, 5A/CH (60Amax)                                       |
| Nominal wattage:     | 12Vdc/12x60Watt (720 Watt)<br>12Vdc/12x120Watt (1140 Watt) |
| Dimmable through:    | DMX512   |
| Dimming range:       | Dim, RGB, RGBW, CCT  |
| Working temperature: | -30 ... +55°C  |
| IP Rating:           | IP20   |
| Dimensions:          | 160x88x60mm (LxWxH)  |
| Weight:              | 254g   |
| EAN:                 | 5206704003940  |

Code. 130944

### DMX & RDM DECODER

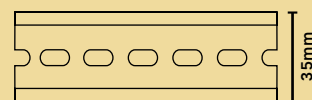
12x5A – 12/36 Vdc

**5 YEARS WARRANTY**



**DMX512**

- **DMX decode mode**  
Stand Alone **RGB/RGBW** mode  
Stand Alone **12 channel** mode
- Complies with the latest **DMX512** standard protocols
- **RDM bi-directional communication function**, can realize intercommunication between **DMX master** and **decoder**. For example, you can set DMX decoder address by DMX master console.
- **High** or **low** frequency optional.
- **Logarithmic** or **linear dimming** curve optional



**DIN Rail Mounting**

Size: • TS-35/7.5  
• TS-35/15

# 9 LIGHT MANAGEMENT

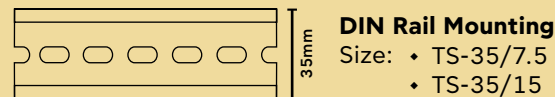
## 6 DMX512



**5 YEARS WARRANTY**



**DMX512**



### Technical Specifications

|                      |                               |
|----------------------|-------------------------------|
| Input Voltage:       | 100 – 240 Vac                 |
| Output:              | 100 – 240 Vac                 |
| Output current:      | 2CH, 1,2A/CH (2,4Amax)        |
| Nominal wattage:     | 230Vac / 2x276Watt (552 Watt) |
| Dimmable through:    | DMX512                        |
| Type of Control:     | DIM                           |
| Dimming range:       | 0 – 100%                      |
| Working temperature: | -30 ... +55°C                 |
| IP Rating:           | IP20                          |
| Dimensions:          | 115x48x67mm (LxWxH)           |
| Weight:              | 135g                          |
| EAN:                 | 5206704003957                 |

Code. 130945

**AC TRIAC DMX DECODER**  
2x1,2A

- **DMX decode** mode / Stand-alone 2 channel dimmer mode / Stand-alone dynamic mode.
- Complies with the latest **DMX512** standard protocols.
- **RDM bi-directional** communication function, can realize intercommunication between DMX master and decoder. For example, you can set DMX decoder address by DMX master console.
- **1/2 DMX** channel decode optional.
- **Reverse-phase** dimming or forward-phase dimming optional.
- **Minimum brightness** set from 1% to 40%.
- To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lamps and phase cut dimmable drivers.



**5 YEARS WARRANTY**

### Technical Specifications

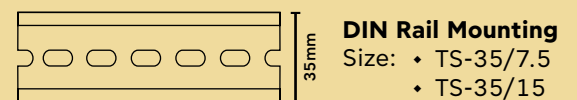
|                      |   |
|----------------------|---|
| Input Voltage:       | 100 – 240 Vac                               |
| Output:              | 100 – 240 Vac                               |
| Output current:      | 1CH, 6A                                     |
| Nominal wattage:     | 230Vac / 1380Watt                           |
| Dimmable through:    | DMX512, 0/1-10V, RF, Embedded Potentiometer |
| Type of Control:     | DIM   |
| Dimming range:       | 0 – 100%                                    |
| Working temperature: | -30 ... +55°C                               |
| IP Rating:           | IP20  |
| Dimensions:          | 168x93,5x63mm (LxWxH)                       |
| Weight:              | 514g  |
| EAN:                 | 5206704005548                               |

Code. 131063

**AC TRIAC DIMMER 6A**  
• **DMX512**  
• **0/1 - 10V, RF POTENTIOMETER**

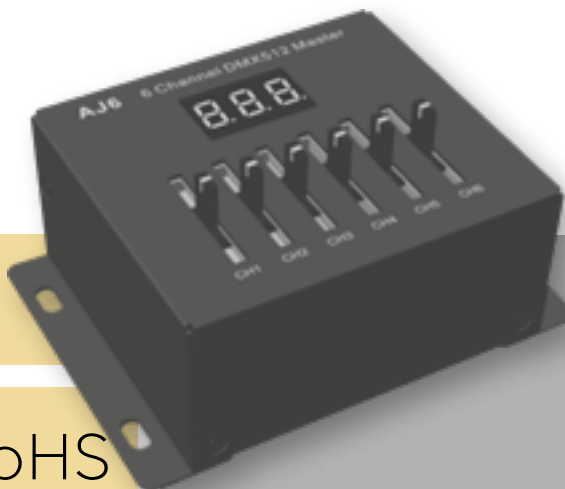


**DMX512 0/1-10V**



### MAXIMUM LOAD PER LOAD TYPE

- Dimmable LED lamps: **1000watt/230Vac**  
Due to the variety of LED lamp designs, the maximum number of LED lamps may vary.
- Triac Dimmable: **1000watt/230Vac**  
Maximum permitted number of drivers is further dependent on power factor result when connected to dimmer.
- Incandescent lighting: **1380Watt/220Vac**

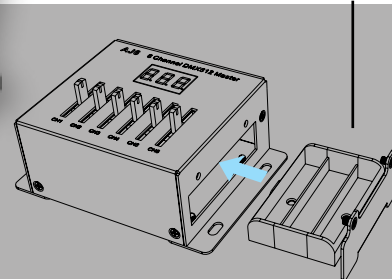


**5 YEARS WARRANTY**

F **CE** RoHS

**DMX512**

• 4.5Vdc (3xAAA) Batteries



**Code. 131064**

**MINI CONSOLE**  
**DMX512**  
 6 CHANNELS

**Technical Specifications**

|                      |                      |
|----------------------|----------------------|
| Input Voltage:       | 5 - 12 Vdc ή 3xAAA   |
| Output signal:       | DMX512               |
| Control Channels:    | 6                    |
| Working temperature: | -30 ... +55°C        |
| IP Rating:           | IP20                 |
| Dimensions:          | 97x 70x 47mm (LxWxH) |
| Weight:              | 284,5g               |
| EAN:                 | 5206704005517        |



**5 YEARS WARRANTY**

F **CE** RoHS

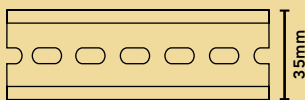
**DMX512**

**Code. 130946**

**DMX SIGNAL AMPLIFIER**

**Technical Specifications**

|                      |                       |
|----------------------|-----------------------|
| Input Voltage:       | 12 - 36 Vac           |
| Input Signal:        | DMX512 (1 CH)         |
| Output signal:       | DMX512 (2 CH)         |
| Working temperature: | -30 ... +55°C         |
| IP Rating:           | IP20                  |
| Dimensions:          | 110x 48x 67mm (LxWxH) |
| Weight:              | 92g                   |
| EAN:                 | 5206704003964         |



**DIN Rail Mounting**  
 Size: • TS-35/7.5  
 • TS-35/15

- One DMX512 signal input, two DMX512 signal outputs.
- Dedicated to amplify, distribute and insulate the signal that comes from the lighting system equipment when it is connected to the bus of DMX512 (or RS-485).

# 9 LIGHT MANAGEMENT

## 6 DMX512

Code. 130940



**5 YEARS WARRANTY**



**CE RoHS**

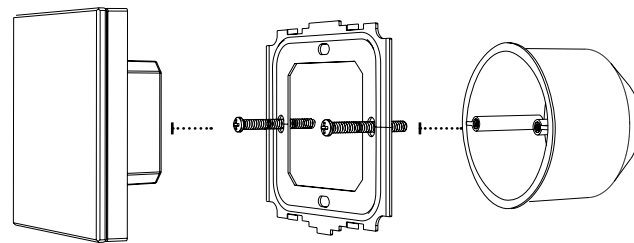
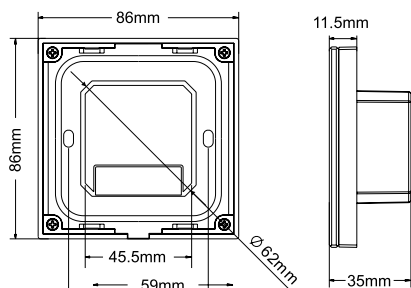


**TOUCH CONTROL PANEL**  
**16 CH / 16 DMX512 CONTROL**  
**4 ZONES / 16 RF CONTROL**

**Technical Specifications**

|                          |                      |
|--------------------------|----------------------|
| Input Voltage:           | 85 - 265 Vac         |
| Output signal:           | RF (2.4Ghz) / DMX512 |
| Max RF control distance: | 30m                  |
| Working temperature:     | -30 ... +55°C        |
| IP Rating:               | IP20                 |
| Dimensions:              | 86x86x35mm (LxWxH)   |
| Weight:                  | 188g                 |
| EAN:                     | 5206704003902        |

**DMX512**



Touch Panel

Metallic Base

Electrical Box

Code. 130977



**5 YEARS WARRANTY**



**CE RoHS**

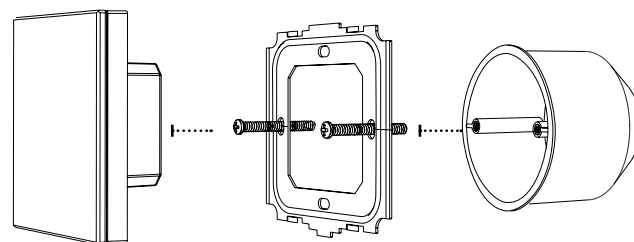
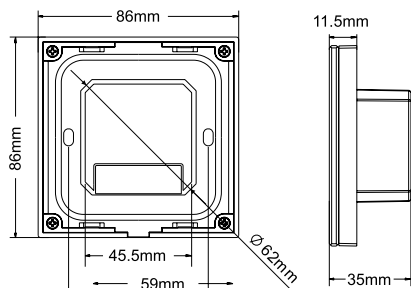


**TOUCH CONTROL PANEL**  
**4 CH / 16 DMX512 CONTROL**  
**4 ZONES / 16 RF CONTROL**

**Technical Specifications**

|                          |                      |
|--------------------------|----------------------|
| Input Voltage:           | 85 - 265 Vac         |
| Output signal:           | RF (2.4Ghz) / DMX512 |
| Max RF control distance: | 30m                  |
| Working temperature:     | -30 ... +55°C        |
| IP Rating:               | IP20                 |
| Dimensions:              | 86x86x35mm (LxWxH)   |
| Weight:                  | 188g                 |
| EAN:                     | 5206704004367        |

**DMX512**



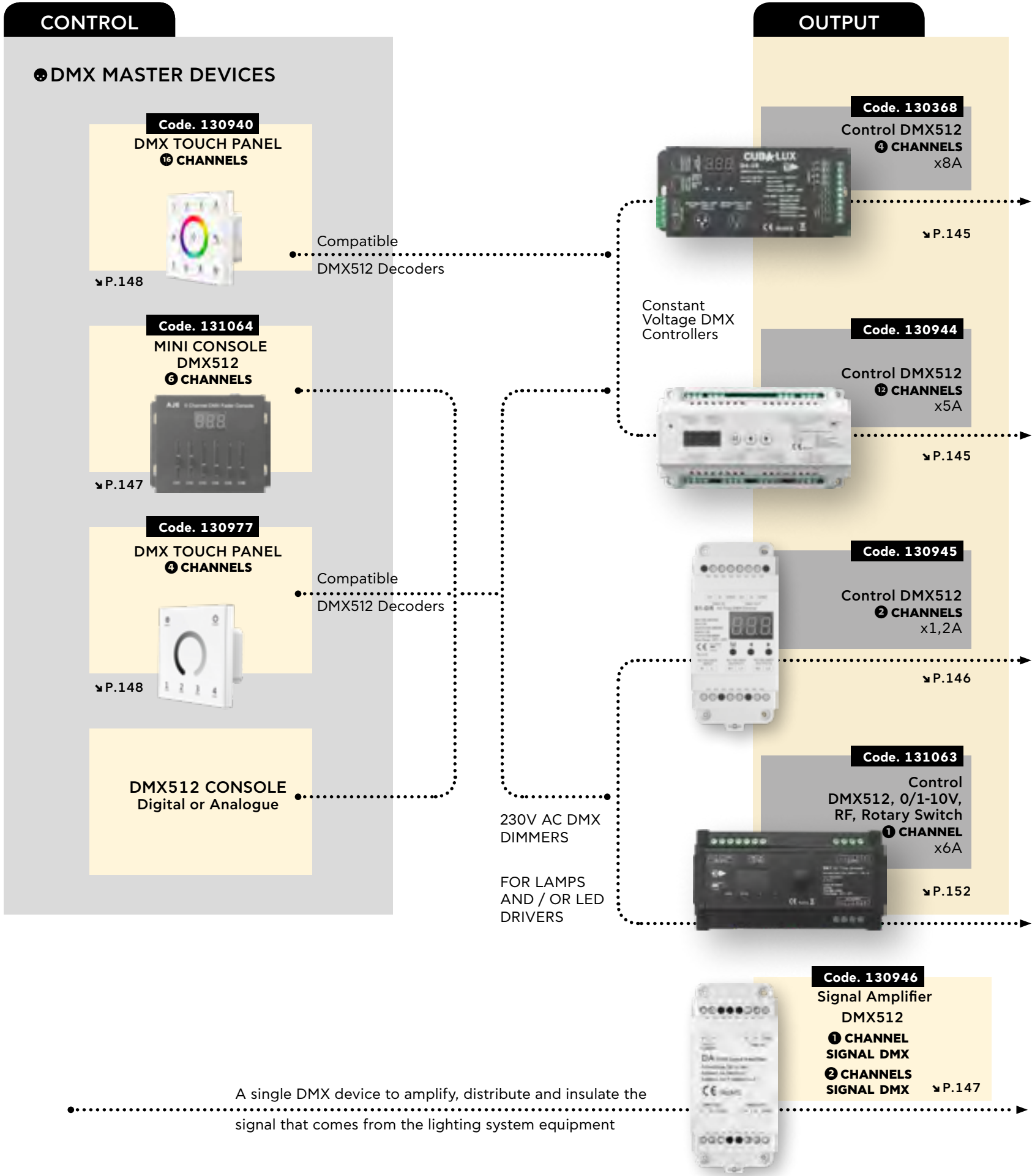
Touch Panel

Metallic Base

Electrical Box



# Compatibility Diagram



# 9 LIGHT MANAGEMENT

## 7 Dimmer 230Vac

**5 YEARS WARRANTY**



**IP20** **CE** **RoHS**



Dimming



Remote  
Managements



Voice  
Control



Google Home

Code. 130931



**TRIAC DIMMER**

Wi-Fi

RF

**PUSH BUTTON**

230Vac 1,5A

### Technical Specifications

|                                      |   |
|--------------------------------------|---|
| Input Voltage:                       | 100 - 240 Vac                           |
| Output:                              | 100 - 240 Vac                           |
| Output current:                      | 1CH, 1A                                 |
| Nominal wattage:                     | 230Vac / 230Watt                        |
| Dimmable through:                    | Wi-Fi, RF 2.4GHz, Push Button, Tuya APP |
| Dimming range:                       | 0 - 100%                                |
| Remote distance (without obstacles): | 30m                                     |
| Working temperature:                 | -30 ... +55°C                           |
| IP Rating:                           | IP20                                    |
| Dimensions:                          | 52x52x26mm (LxWxH)                      |
| Weight:                              | 98g                                     |
| EAN:                                 | 5206704003810                           |

- Triac Dimmer for Lamps (LED or Halogen) or Dimmable LED drivers
- Ability to change dimming type between Leading or Trailing Edge, according to the characteristics of the dimmable load
- Amazon Alexa or Google Home Compatible and voice controllable through the TUYA App.

**5 YEARS WARRANTY**

**NEW! PRODUCT**



**IP20** **CE** **RoHS**



Dimming



Remote  
Managements



Voice  
Control



Google Home

Code. 131139



**0/1 -10V DIMMER**

Wi-Fi

RF

**PUSH BUTTON**

### Technical Specifications

|                                      |   |
|--------------------------------------|---|
| Input Voltage:                       | 100 - 240 Vac                           |
| Output:                              | 0/1 - 10V                               |
| Output current:                      | 1CH                                     |
| Dimmable through:                    | Wi-Fi, RF 2.4GHz, Push Button, Tuya APP |
| Dimming range:                       | 0 - 100%                                |
| Remote distance (without obstacles): | 30m                                     |
| Working temperature:                 | -30 ... +55°C                           |
| IP Rating:                           | IP20                                    |
| Dimensions:                          | 52x52x26mm (LxWxH)                      |
| Weight:                              | 46g                                     |
| EAN:                                 | 5206704006705                           |

- Analogue Dimmer for dimmable LED Drivers 0/1-10V.
- Amazon Alexa or Google Home Compatible and voice controllable through the TUYA App.



**5 YEARS WARRANTY**

**NEW! PRODUCT**



**IP20**

**CE**

**RoHS**



Dimming



Remote Managements



Voice Control



**Code. 131140**

**ΔΙΑΚΟΠΤΗΣ  
ON/OFF**

**Wi-Fi**

**RF**

**PUSH BUTTON**

**230Vac 1A**

**Technical Specifications**

|                                      |   |
|--------------------------------------|---|
| Input Voltage:                       | 100 – 240 Vac                           |
| Output:                              | 100 – 240 Vac                           |
| Output current:                      | 1CH, 1,5A                               |
| Nominal wattage:                     | 230Vac / 345Watt                        |
| Dimmable through:                    | Wi-Fi, RF 2.4GHz, Push Button, Tuya APP |
| Dimming range:                       | 0 – 100%                                |
| Remote distance (without obstacles): | 30m                                     |
| Working temperature:                 | -30 ... +55°C                           |
| IP Rating:                           | IP20                                    |
| Dimensions:                          | 52x 52x 26mm (LxWxH)                    |
| Weight:                              | 50g                                     |
| EAN:                                 | 5206704006712                           |

- WiFi + RF + AC push smart switch, without dimming function.
- To switch single color lamps and lights.
- Tuya APP cloud control, support on/off, delay turn on/off light and timer run function.
- Amazon Alexa or Google Home Compatible and @ voice controllable through the TUYA App.



# 9 LIGHT MANAGEMENT

## 7 Dimmer 230Vac

**5 YEARS WARRANTY**



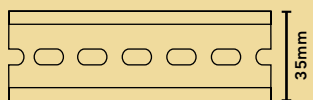
**IP20** **CE** **RoHS**

**Code. 131063**



Dimming

**DMX512** 0/1-10V



**DIN Rail Mounting**  
Size: • TS-35/7.5  
• TS-35/15

**AC TRIAC  
DIMMER ΡΑΓΑΣ 6A**  
• **DMX512**  
• **0/1 - 10V**  
• **RF**  
**POTENTIOMETER**

### Technical Specifications

|                                      |   |
|--------------------------------------|---|
| Input Voltage:                       | 100 – 240 Vac                           |
| Output:                              | 0/1 – 10 V                              |
| Output current:                      | 1CH                                     |
| Dimmable through:                    | Wi-Fi, RF 2.4GHz, Push Button, Tuya APP |
| Dimming range:                       | 0 – 100%                                |
| Remote distance (without obstacles): | 30m                                     |
| Working temperature:                 | -30 ... +55°C                           |
| IP Rating:                           | IP20                                    |
| Dimensions:                          | 52x 52x 26mm (LxWxH)                    |
| Weight:                              | 46g                                     |
| EAN:                                 | 5206704005548                           |

### MAXIMUM LOAD PER LOAD TYPE

- Dimmable LED lamps: **1000watt/230Vac**  
Due to the variety of LED lamp designs, the maximum number of LED lamps may vary.
- Triac Dimmable: **1000watt/230Vac**  
Maximum permitted number of drivers is further dependent on power factor result when connected to dimmer.
- Incandescent lighting: **1380Watt/220Vac**

### Technical Specifications

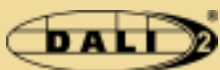
|                      |                       |
|----------------------|-----------------------|
| Input Voltage:       | 100 – 240 Vac         |
| Output:              | 100 – 240 Vac         |
| Output current:      | 1,5 A                 |
| Nominal wattage:     | 245Watt (230 Vac)     |
| Dimmable through:    | Dali, Push button     |
| Type of Control:     | Dimming               |
| Dimming range:       | 0 – 100%              |
| Working temperature: | -30 ... +55°C         |
| IP Rating:           | IP20                  |
| Dimensions:          | 187x 46x 22mm (LxWxH) |
| Weight:              | 124g                  |
| EAN:                 | 5206704006729         |

- Operates according to DALI IEC 62386-102, IEC 62386-207
- Selectable type of dimming: leading edge (forward phase) dimming or trailing edge (reverse phase) according to the lamp/ driver type.
- Suitable for dimmable LED Lamps, TRIAC dimmable LED drivers with max load of 200Watt / 230V
- Suitable for dimmable halogen Lamps with max load of 345Watt / 230V.

**5 YEARS WARRANTY**

**NEW! PRODUCT**

**Code. 131141**



Dimming

**TRIAC AC  
DALI DIMMER**  
1,5A/230Vac

# ↪ Lighting Management Diagram 230Vac

## Ⓞ RF CONTROLLER


## OUTPUT

### Ⓞ RF CONTROLLER

**Code. 130932**  
Controller with Magnetic base  
① CONTROL ZONE  
P.126




**Code. 130842**  
Controller with Support base  
④ CONTROL ZONES  
P.140




**Code. 131058**  
Table Controller  
① ΖΩΝΗ ΕΛΕΓΧΟΥ  
P.126




**Code. 130933**  
Controller with Magnetic base  
① CONTROL ZONE  
P.127




**Code. 131060**  
Push Button to RF  
① CONTROL ZONE  
P.127




**Code. 130977**  
Switch 230 Vac  
④ CONTROL ZONES  
P.128



**Code. 130934**  
Switch με μπαταρία  
P.128

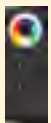


**Code. 131057**  
Microwave Sensor RF Switch  
① CONTROL ZONE  
P.140



**Code. 130934** ① ZONE  
**Code. 130935** ② ZONES  
**Code. 130936** ③ ZONES  
**Code. 130937** ④ ZONES

**Code. 131132**  
Χειριστήριο με βάση στήριξης  
③ CONTROL ZONES  
P.129



• Push Button  
• Smart Phone WiFi  
Remote Management



• Push Button  
• Smart Phone WiFi  
Remote Management



• Push Button  
• Smart Phone WiFi  
Remote Management




• 0/1-10V  
• DMX512  
• Built-in Potentiometer




• Push Button  
• DALI Bus Control System  
• DALI Signal




**Code. 130931**  
TRIAC DIMMER  
② CHANNELS  
230Vac 1,2A  
Dimming  
P.150



**Code. 131139**  
DIMMER  
0/1-10V  
① CHANNEL  
0/1-10V  
Dimming  
P.150




**Code. 131140**  
ΔΙΑΚΟΠΤΗΣ ON/OFF  
① CHANNEL  
230Vac 1,5A  
Dimming  
P.151



**Code. 131063**  
TRIAC DIMMER AC ΡΑΓΑΣ  
① CHANNEL  
6A  
Dimming  
P.152



**Code. 131141**  
AC TRIAC DALI DIMMER  
① CHANNEL  
230V 1,5A  
Dimming  
P.152



CUBALUX.COM





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