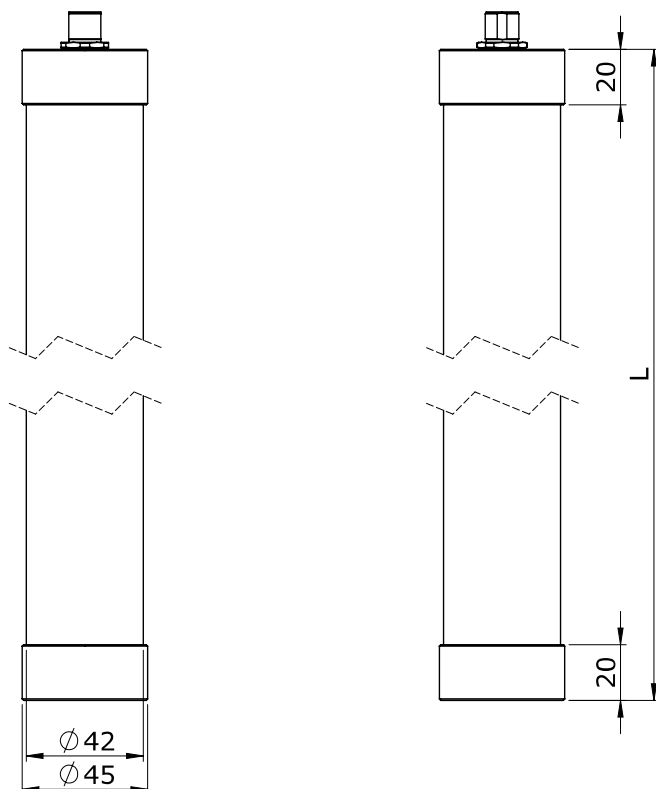


# D45 V4A Bi-Color Tube Light

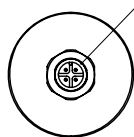
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## Dimensioned drawing



M12 Stecker 4pol  
M12 plug 4pol



## Downloads

Download STEP-File:

[https://api.diana-leuchten.de/uploads/M\\_LMR\\_0694\\_0\\_Fx1\\_B\\_xx\\_025f9d5d90.STEP](https://api.diana-leuchten.de/uploads/M_LMR_0694_0_Fx1_B_xx_025f9d5d90.STEP)

Download 3D-PDF:

[https://api.diana-leuchten.de/uploads/M\\_LMR\\_0694\\_0\\_Fx1\\_B\\_xx\\_03af6caa2c.PDF](https://api.diana-leuchten.de/uploads/M_LMR_0694_0_Fx1_B_xx_03af6caa2c.PDF)

## Mounting

To mount the light, light holders are required, which are not included in the delivery. The mounting is made at the pressure-loadable end caps of the light (see illustration). Caution: Mounting the light over the protective glass may destroy the glass bulb. No warranty can be given in case of improper mounting.

## Technical details

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Operating voltage | 22-28 VDC                                       |
| Power             | 6 W                                             |
| Connection        | M12 plug                                        |
| Protection        | IP67                                            |
| Protection class  | III                                             |
| Risk group        | 0                                               |
| Diameter          | 45 mm                                           |
| Length (L)        | 210 mm                                          |
| Material          | borosilicate glass, V4A stainless steel 1.4404  |
| Beam angle        | 80°                                             |
| Light color       | 2 light colors (red, blue, green, amber, white) |
| UL                | Yes                                             |
| IO-Link           | No                                              |

Based on complex manufacturing process of LEDs typical values of technical LED-parameters as stated above are only statistical values, which do not comply necessarily with real technical parameters of each single product. Measurement of the light color white according to EN 62471:2008 at standard distance (illuminance = 500 lx). The risk group may vary depending on light color and application. Detailed information and measurement results are available on request.

## Safety note

LED Lighting Systems are able to generate very intense radiation, which can damage eyes by inappropriate use. The LED lights may only be used in accordance with the technical data and safety regulations. The safety and installation notes refer to the whole life cycle of the LED light. In-house regulations and relevant regulations valid for the country of use must be observed. If basically safety and warning requirements are ignored, there is a danger of personal injuries and property damages. We are not liable for any damage resulting from these cases.

• Use the light in perfect technical condition. Perform a professional assembly and electrical connection. • Installation of the LED light only by qualified staff. • The light is designed for a voltage of 24 VDC and should never be operated at other voltage. • Before working on the light, disconnect the power supply. • The light cannot be opened. Unauthorized modifications of the light are prohibited. • The light is fixed with the corresponding fixing elements (available as accessories).

The suitability of the product for the intended purpose of use has to be checked by the customer.

## Care instructions

Before cleaning the light, it must be disconnected from the power supply. If the light is dirty, it can be cleaned with a damp cloth and rubbing alcohol. Restart the light only, when there is no moisture on it. If the LED light fails, it must be checked by the manufacturer and repaired if necessary.

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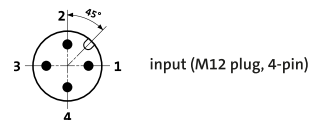
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## Disposal information

This product is covered by WEEE Directive 2012/19/EU on waste electrical and electronic equipment. Dispose of the product properly and not as part of the domestic waste. The regulations of the respective country are to be observed. Information is provided by the national authorities.

## Electrical connection



|       |       |                          |
|-------|-------|--------------------------|
| PIN 1 | brown | +24V                     |
| PIN 2 | white | nc                       |
| PIN 3 | blue  | GND                      |
| PIN 4 | black | color change +24V (10mA) |

Light supply voltage is 24 VDC. By applying +24V to PIN4, the light color of the light can be changed.

