S1 Signal tower

LMC0775-D0x3A

Dimensioned drawing

Downloads

Download STEP-File:
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Download 3D-PDF:
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Mounting

The light can be mounted via two M5 threaded holes.

Technical details

Operating voltage	18-28 VDC
Power	7,5 W
Connection	M12 plug downwards
Connection (optional)	Available with M12 plug on the side or downwards.
Protection	IP54
Protection class	III
Risk group	0
Length (L)	158 mm
Material	anodized aluminum, polycarbonate
Beam angle	360° diffuse
Light color	RGB + mixed colors
Control	digital I/O
UL	No
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.

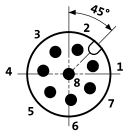
Care instructions

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.

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



input (M12-plug, 8-pin)

PIN 1	white	segment 1 (+24 V @10mA)
PIN 2	brown	segment 2 (+24 V @10mA)
PIN 3	green	segment 3 (+24 V @10mA)
PIN 4	yellow	segment 4 (+24 V @10mA)
PIN 5	grey	segment 5 (+24 V @10mA)
PIN 6	pink	signal transmitter (+24 V @10mA)
PIN 7	blue	GND
PIN 8	red	+24 V supply voltage

Light supply voltage is 24 VDC. Pay attention to the polarity when connecting.

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Segmentation / position of the segments

Configuration

The number of segments and their color can be individually configured with the smartBOX (part no. MID0806-0775A).