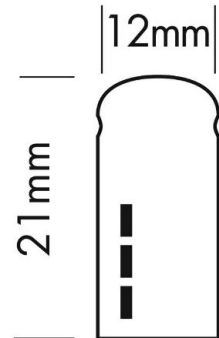


Datasheet

PROLED FLEX TUBE FLAT DIGITAL RGBW

PROLED[®]

Article number: L372D40R
Article name: PROLED FLEX TUBE FLAT DIGITAL RGBW
Article description: PROLED FLEX TUBE DIGITAL RGBW reel 50m
GTIN: 4251158484358



picture similar

Article description:

The PROLED FLEX TUBE FLAT DIGITAL RGBW is an innovative LED product for linear pixel applications. With the digital controllers (PROLED Pixel Controller; DiGidot Controller and LED CTRL Controller), each segment can be controlled individually. The FLEX TUBE has cutting signs printed on for an easy cutting to the required length. Installation is quite easy. Due to the high flexibility and pliability various shapes and designs are possible. With an operating voltage of 24 VDC and the protection rating IP67 FLEX TUBE is absolutely safe for indoor and outdoor use.

- Digital controllable (UCS2904 ICs)
- dimmable and controllable with suitable PWM dimmers or MULTI power supplies/controllers
- When used indoors (constant temperature), up to 10 m with a single power supply line, up to 20 m with power supply lines on both ends from same power supply. When used outdoors (because of temperature fluctuations and different thermal expansion coefficients of the materials), max. 10 m.
- Premolded silicon sealed IP67 endcaps and feed, including cable with water stop against capillary effect, offer a durable and safe solution for preparing FLEX TUBES for various installation environments. As it is identical in shape to the FLEX TUBE, this method also simplifies installation in profiles.

Date: 3.9.2024

Technical amendments and errors reserved.

PROLED[®]

MBN GmbH | Balthasar-Schaller-Str. 3 | 86616 Friedberg | Germany

Phone +49.821.60099-0 | Fax +49.821.60099-99


Central: info@proled.com | Internet: www.proled.com

Registered office of the company: Friedberg | Amtsgericht Augsburg HRB 19419 | Managing Director: Dr. Bernhard Steidl, Christian von Sassen

Photometrical properties:

Light flux:	350 lm/m
Light flux red:	60 lm
Light flux green:	140 lm
Light flux blue:	30 lm
Light flux white:	150 lm
Color appearance:	RGBW
CCT:	4000 K
CRI:	80
Beam angle:	120 °

Electrical properties:

IC type:	UCS2904
Voltage supply:	24 VDC
Electrical safety class:	III
Power consumption per m:	15 W/m
Power consumption:	750 W
max. power consumption per reel	750 W
Luminaire luminous efficacy:	23 lm/W
EEC (EU 2019/2015):	
Control:	with separate controller

Technical properties:

IP safety class:	IP67 (for outdoor use)
Min. bending radius:	60 mm

Housing and size:

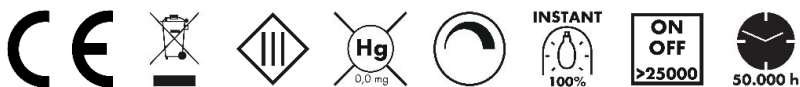
Size:	50000 x 12 x 21 mm (l x w x h)
Housing colour:	white
Cutting length:	125 mm
Housing material:	Plastics
Product weight:	17,500 kg

Mounting instructions:

For outdoor use:	✓
Self adhesive:	–
Mounting place:	Wall-ceiling mounting
Mounting type:	clampable
Ambient temperature:	-20 °C to 45 °C
Average lifetime**:	50.000 h at L80/B10

** With correct installation and suitable thermal management.

Flags:



Detail and realisation pictures:

