

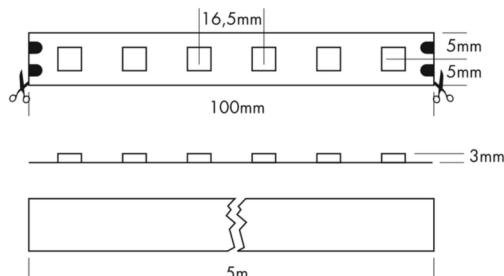
Data sheet

L654806 - Flex Strip IP53 HD Mono - WW

PROLED®

Article name: Flex Strip IP53 HD Mono - WW

Article number: L654806



Article description:

The PROLED FLEX STRIPS are perfect for indirect lightning, as custom made versions for fair or shop applications as well as for all kinds of illumination. Due to their shallow design and the individually adaptable lengths the PROLED FLEX STRIPS offer a wide spectrum of application possibilities.

- High flexibility - adaptable to round shapes.
- Installation with 3M adhesive tape on the strip's backside (self adhesive)
- IP53 only if glued correctly and if the sides are sealed with glue.
- dimmable and controllable via DMX 512, DALI, KNX, 1-10V, CASAMBI, RF by MULTI power supplies/controller

Technical:

Mounting type: Surface-mounted on ceiling

Adjustability: Fixed

Controllability: Dimmable

Safety: IP53

Temperature range: -10...45 °C

Lifetime: 50.000 h at L80B10

Electric:

System power: 14.4 W

Current: 24 V

Safety class: 3

EEL: A++ - A

UGR: 37.11

Shape and dimensions:

Length: 1000 mm

Width: 10 mm

Height: 3 mm

Weight: -

Status 08.12.2020

Technical amendments and errors reserved.

PROLED®

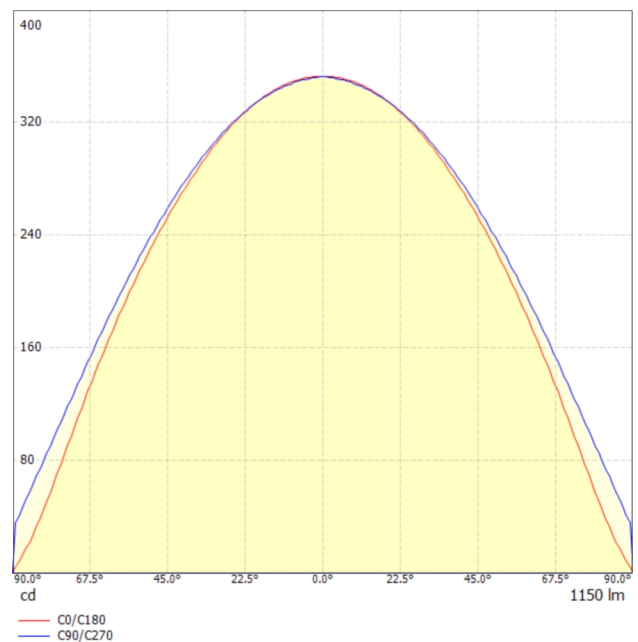
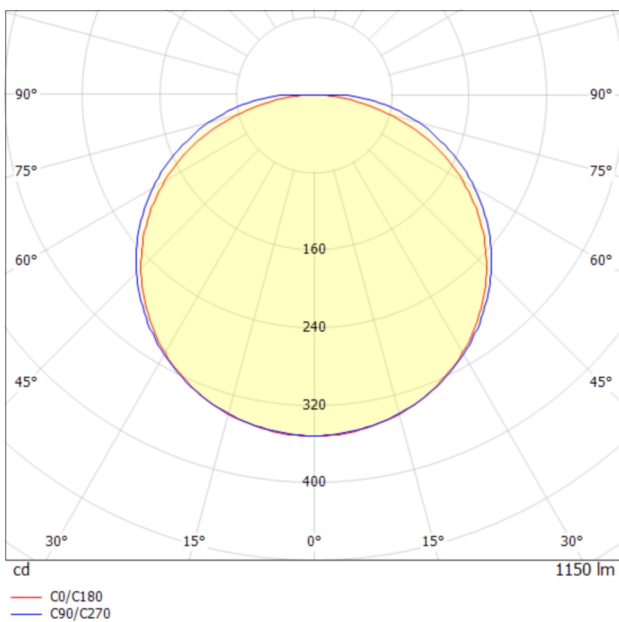
MBN GmbH | Balthasar-Schaller-Str. 3 | 86316 Friedberg | Germany

Phone +49.821.60099-0 | Fax +49.821.60099-99

info@proled.com | proled.com

Light output 1 (LED 3000K - CRI 90):

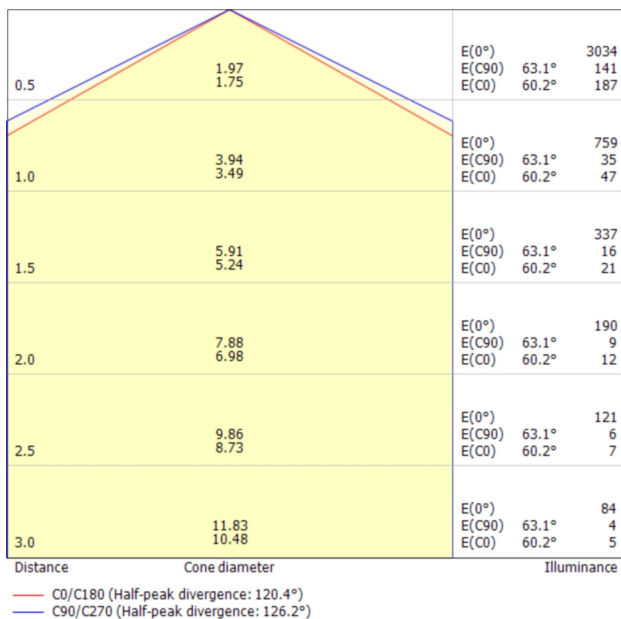
| | |
|-----------------------------|--|
| Lamp type: | LED |
| Lamp power: | 14.4 W |
| Total luminous flux: | 1150 lm |
| Light efficiency: | 79.9 lm/W |
| CCT: | 3000 K |
| CRI: | 90 |
| Light distribution: | (Symmetrical) Wide flood (half value angle 45°...125°) |



Data sheet

L654806 - Flex Strip IP53 HD Mono - WW

PROLED®



Glare evaluation according to UGR

| | | | | | | | | | | | |
|--|-----|---------------------------|------|------|------|------|-----------------------|------|------|------|------|
| p Ceiling | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
| p Walls | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| p Floor | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Room size | | Viewing direction at | | | | | Viewing direction | | | | |
| X | Y | right angles to lamp axis | | | | | parallel to lamp axis | | | | |
| 2H | 2H | 32.6 | 33.9 | 33.0 | 34.2 | 34.6 | 32.9 | 34.1 | 33.3 | 34.5 | 34.9 |
| 2H | 3H | 34.3 | 35.5 | 34.8 | 35.9 | 36.3 | 34.9 | 36.0 | 35.3 | 36.4 | 36.9 |
| 2H | 4H | 35.1 | 36.2 | 35.5 | 36.6 | 37.0 | 35.8 | 36.9 | 36.3 | 37.3 | 37.8 |
| 2H | 6H | 35.6 | 36.6 | 36.1 | 37.1 | 37.5 | 36.7 | 37.7 | 37.2 | 38.2 | 38.7 |
| 2H | 8H | 35.8 | 36.7 | 36.2 | 37.2 | 37.7 | 37.2 | 38.1 | 37.6 | 38.6 | 39.1 |
| 2H | 12H | 35.9 | 36.8 | 36.4 | 37.3 | 37.8 | 37.6 | 38.5 | 38.1 | 39.0 | 39.5 |
| 4H | 2H | 33.4 | 34.5 | 33.8 | 34.9 | 35.4 | 33.6 | 34.7 | 34.0 | 35.1 | 35.6 |
| 4H | 3H | 35.3 | 36.3 | 35.8 | 36.7 | 37.2 | 35.8 | 36.7 | 36.3 | 37.2 | 37.7 |
| 4H | 4H | 36.2 | 37.0 | 36.7 | 37.5 | 38.1 | 36.9 | 37.7 | 37.4 | 38.2 | 38.7 |
| 4H | 6H | 36.9 | 37.6 | 37.4 | 38.1 | 38.7 | 37.9 | 38.7 | 38.5 | 39.2 | 39.7 |
| 4H | 8H | 37.1 | 37.8 | 37.7 | 38.3 | 38.9 | 38.4 | 39.1 | 39.0 | 39.7 | 40.2 |
| 4H | 12H | 37.3 | 37.9 | 37.8 | 38.4 | 39.0 | 39.0 | 39.6 | 39.5 | 40.1 | 40.7 |
| 8H | 4H | 36.6 | 37.3 | 37.2 | 37.8 | 38.4 | 37.2 | 37.9 | 37.8 | 38.4 | 39.0 |
| 8H | 6H | 37.5 | 38.1 | 38.1 | 38.6 | 39.2 | 38.5 | 39.0 | 39.1 | 39.6 | 40.2 |
| 8H | 8H | 37.9 | 38.3 | 38.5 | 38.9 | 39.6 | 39.1 | 39.6 | 39.7 | 40.2 | 40.8 |
| 8H | 12H | 38.1 | 38.5 | 38.7 | 39.1 | 39.8 | 39.8 | 40.2 | 40.4 | 40.8 | 41.5 |
| 12H | 4H | 36.7 | 37.3 | 37.3 | 37.9 | 38.5 | 37.3 | 37.9 | 37.8 | 38.4 | 39.0 |
| 12H | 6H | 37.7 | 38.1 | 38.2 | 38.7 | 39.4 | 38.6 | 39.1 | 39.2 | 39.6 | 40.3 |
| 12H | 8H | 38.1 | 38.5 | 38.7 | 39.1 | 39.8 | 39.3 | 39.7 | 39.9 | 40.3 | 41.0 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | | +0.1 / -0.1 | | | | | +0.1 / -0.1 | | | | |
| S = 1.5H | | +0.2 / -0.3 | | | | | +0.2 / -0.2 | | | | |
| S = 2.0H | | +0.3 / -0.5 | | | | | +0.3 / -0.4 | | | | |
| Standard table | | BK07 | | | | | BK09 | | | | |
| Correction summand | | 21.1 | | | | | 23.1 | | | | |
| Correction glare indices referring to 1150lm total luminous flux | | | | | | | | | | | |

Status 08.12.2020

Technical amendments and errors reserved.

PROLED®

MBN GmbH | Balthasar-Schaller-Str. 3 | 86316 Friedberg | Germany

Phone +49.821.60099-0 | Fax +49.821.60099-99

info@proled.com | proled.com