

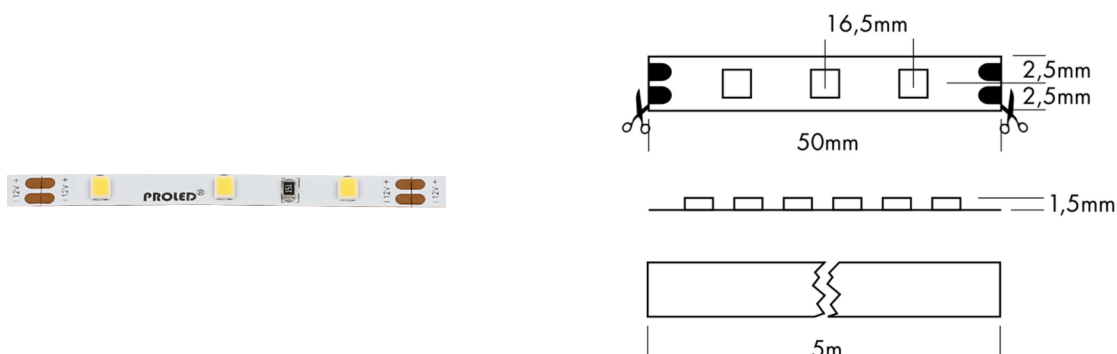
Data sheet

L62836T - Flex Strip 300 Thin Mono - UWW

PROLED®

Article name: Flex Strip 300 Thin Mono - UWW

Article number: L62836T



Article description:

The PROLED FLEX STRIPS are perfect for indirect lighting, 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.

- Extra Thin (5mm)
- High flexibility - adaptable to round shapes.
- Installation with 3M adhesive tape on the strip's backside (self adhesive)
- 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: IP20

Temperature range: -10...45 °C

Lifetime: 50.000 h at L80B10

Electric:

System power: 4.8 W

Current: 24 V

Safety class: 3

EEL: A++ - A

UGR: 29.12

Shape and dimensions:

Length: 1000 mm

Width: 5 mm

Height: 2 mm

Weight: -

Status 08.12.2020

Technical amendments and errors reserved.

PROLED®

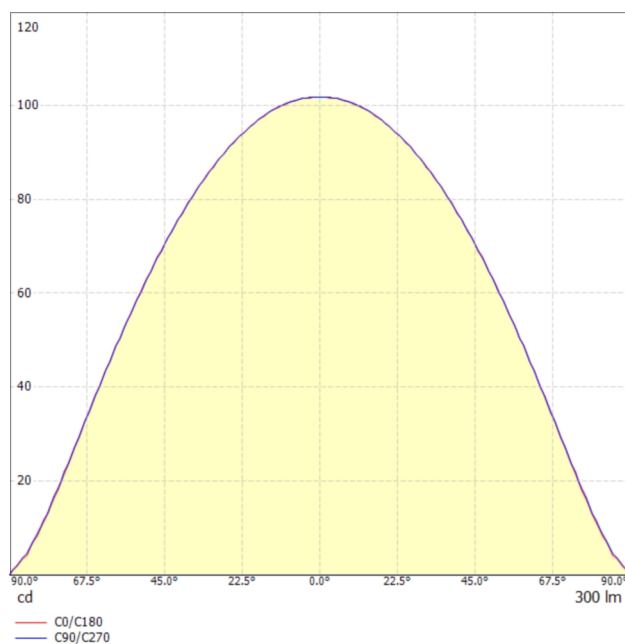
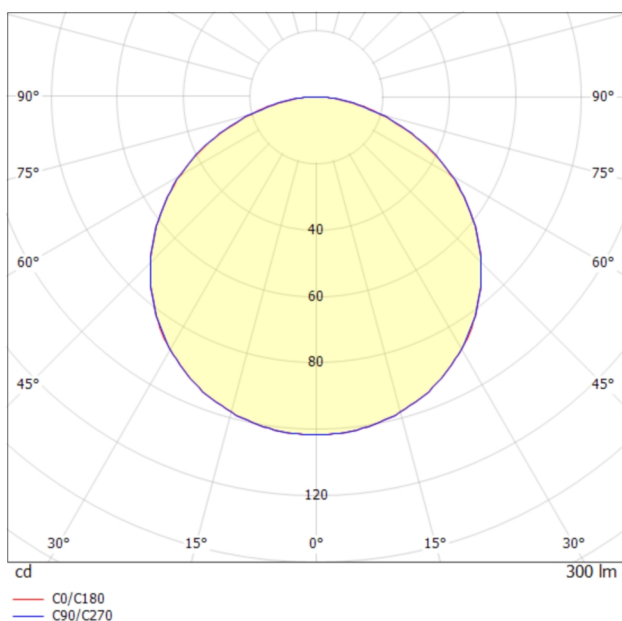
MBN GmbH | Balthasar-Schaller-Str. 3 | 86316 Friedberg | Germany

Phone +49.821.60099-0 | Fax +49.821.60099-99

info@proled.com | proled.com

Light output 1 (LED 2400K - CRI 90):

Lamp type:	LED
Lamp power:	4.8 W
Total luminous flux:	300 lm
Light efficiency:	62.5 lm/W
CCT:	2400 K
CRI:	90
Light distribution:	(Symmetrical) Wide flood (half value angle 45° ... 125°)



Data sheet

L62836T - Flex Strip 300 Thin Mono - UWW

PROLED®

0.5	1.58	E(0°) E(C0)	57.7°	507 39
1.0	3.16	E(0°) E(C0)	57.7°	127 10
1.5	4.75	E(0°) E(C0)	57.7°	56 4
2.0	6.33	E(0°) E(C0)	57.7°	32 2
2.5	7.91	E(0°) E(C0)	57.7°	20 2
3.0	9.49	E(0°) E(C0)	57.7°	14 1
Distance		Cone diameter		Illuminance
— C0/C180 (Half-peak divergence: 115.4°)				

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 X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	25.3	26.6	25.6	26.8	27.1	25.3	26.6	25.6	26.8	27.1
2H	3H	26.8	28.0	27.2	28.3	28.6	26.8	28.1	27.2	28.3	28.6
2H	4H	27.4	28.6	27.8	28.9	29.2	27.5	28.6	27.8	28.9	29.2
2H	6H	27.8	28.9	28.2	29.2	29.5	27.9	28.9	28.2	29.2	29.5
2H	8H	28.0	29.0	28.3	29.3	29.6	28.0	29.0	28.4	29.3	29.7
2H	12H	28.0	29.0	28.4	29.3	29.7	28.1	29.0	28.5	29.4	29.7
4H	2H	26.0	27.1	26.3	27.4	27.7	26.0	27.1	26.3	27.4	27.7
4H	3H	27.7	28.7	28.1	29.0	29.4	27.7	28.7	28.1	29.0	29.4
4H	4H	28.4	29.3	28.8	29.6	30.0	28.5	29.3	28.9	29.7	30.0
4H	6H	28.9	29.7	29.4	30.1	30.5	29.0	29.7	29.4	30.1	30.5
4H	8H	29.1	29.8	29.6	30.2	30.6	29.2	29.9	29.6	30.3	30.7
4H	12H	29.2	29.8	29.7	30.3	30.7	29.3	29.9	29.7	30.3	30.8
8H	4H	28.7	29.4	29.2	29.8	30.2	28.7	29.4	29.2	29.8	30.2
8H	6H	29.4	29.9	29.8	30.4	30.8	29.4	30.0	29.9	30.4	30.9
8H	8H	29.6	30.1	30.1	30.6	31.0	29.7	30.1	30.1	30.6	31.1
8H	12H	29.8	30.2	30.3	30.7	31.2	29.8	30.2	30.3	30.7	31.2
12H	4H	28.7	29.4	29.2	29.8	30.2	28.8	29.4	29.2	29.8	30.2
12H	6H	29.4	29.9	29.9	30.4	30.9	29.5	30.0	29.9	30.4	30.9
12H	8H	29.7	30.1	30.2	30.6	31.1	29.7	30.2	30.2	30.6	31.1
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 / -0.3				
S = 2.0H		+0.4 / -0.7					+0.4 / -0.7				
Standard table		BK06					BK06				
Correction summand		12.5					12.5				
Correction glare indices referring to 300lm 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