

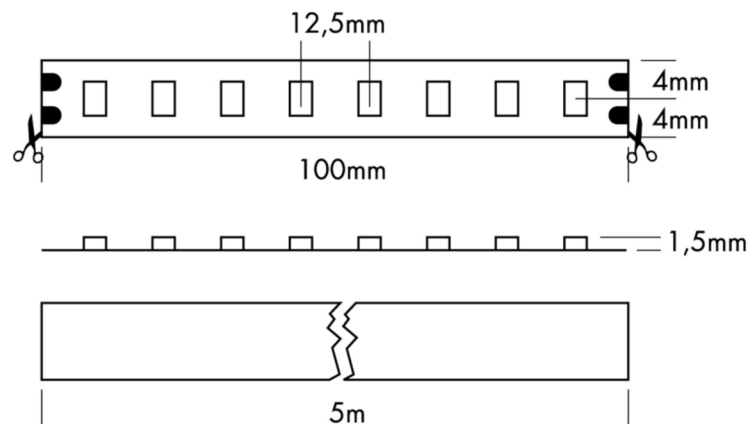
Data sheet

L64946 - Flex Strip 400 Mono - AWW

PROLED®

Article name: Flex Strip 400 Mono - AWW

Article number: L64946



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.

- 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	Electric:	
Adjustability:	Fixed	System power:	5 W
Controllability:	Dimmable	Current:	24 V
Safety:	IP20	Safety class:	3
Temperature range:	-10...45 °C	EEL:	G
Lifetime:	50.000 h at L80B10	UGR:	31,44

Shape and dimensions:

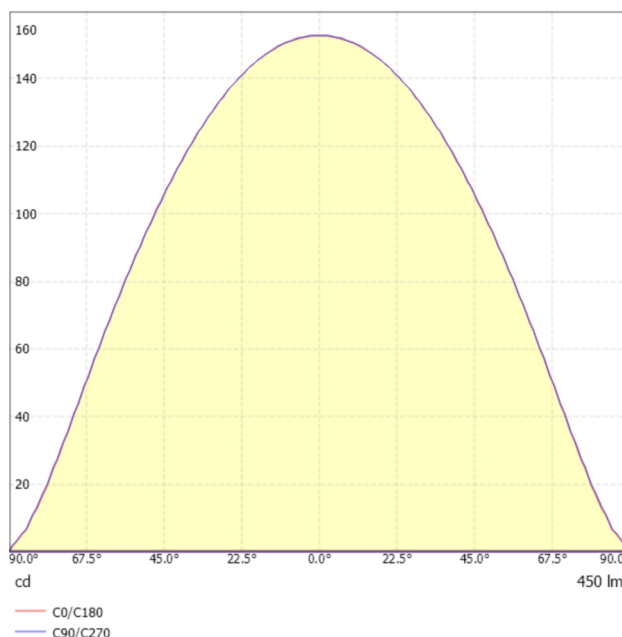
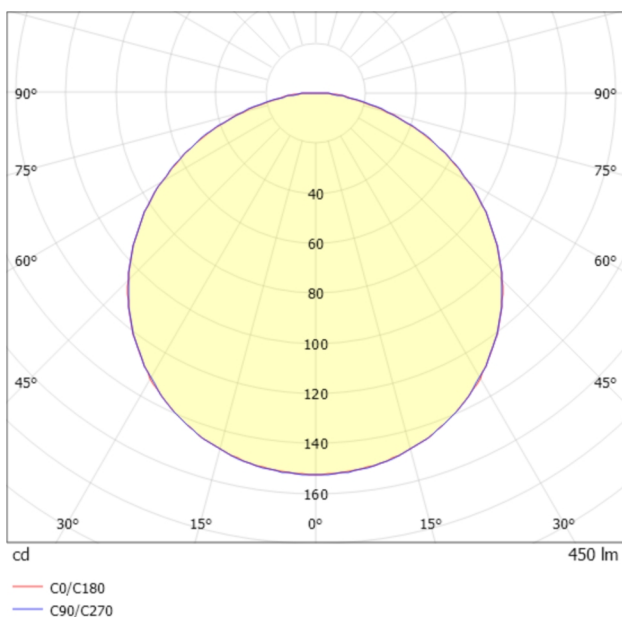
Length:	1000 mm
Width:	8 mm
Height:	2 mm
Weight:	-

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Light output 1 (LED 2100K - CRI 90):

Lamp type:	LED
Lamp power:	5 W
Total luminous flux:	450 lm
Light efficiency:	90 lm/W
CCT:	2100 K
CRI:	-
Light distribution:	(Symmetrical) Wide flood (half value angle 45° ... 125°)



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0.5	1.58	E(0°) 570 E(C0) 57.7° 44
1.0	3.16	E(0°) 143 E(C0) 57.7° 11
1.5	4.75	E(0°) 63 E(C0) 57.7° 5
2.0	6.33	E(0°) 36 E(C0) 57.7° 3
2.5	7.91	E(0°) 23 E(C0) 57.7° 2
3.0	9.49	E(0°) 16 E(C0) 57.7° 1

Distance Cone diameter Illuminance
 — C0/C180 (Half-peak divergence: 115.4°)

Glare evaluation according to UGR

ρ Ceiling	70	70	50	50	30	70	70	50	50	30	
ρ Walls	50	30	50	30	30	50	30	50	30	30	
ρ Floor	20	20	20	20	20	20	20	20	20	20	
Room size	Viewing direction at □ right angles to lamp axis					Viewing direction □ parallel to lamp axis					
	X	Y									
2H	2H	25.7	27.0	26.0	27.3	27.5	25.7	27.0	26.0	27.3	27.5
2H	3H	27.2	28.5	27.6	28.7	29.0	27.3	28.5	27.6	28.7	29.0
2H	4H	27.8	29.0	28.2	29.3	29.6	27.9	29.0	28.2	29.3	29.6
2H	6H	28.2	29.3	28.6	29.6	29.9	28.3	29.3	28.7	29.7	30.0
2H	8H	28.4	29.4	28.7	29.7	30.0	28.4	29.4	28.8	29.8	30.1
2H	12H	28.4	29.4	28.8	29.7	30.1	28.5	29.5	28.9	29.8	30.1
4H	2H	26.4	27.5	26.7	27.8	28.1	26.4	27.5	26.7	27.8	28.1
4H	3H	28.1	29.1	28.5	29.4	29.8	28.1	29.1	28.5	29.4	29.8
4H	4H	28.8	29.7	29.2	30.1	30.4	28.9	29.7	29.3	30.1	30.5
4H	6H	29.4	30.1	29.8	30.5	30.9	29.4	30.1	29.8	30.5	30.9
4H	8H	29.5	30.2	30.0	30.6	31.0	29.6	30.3	30.0	30.7	31.1
4H	12H	29.6	30.3	30.1	30.7	31.1	29.7	30.3	30.1	30.7	31.2
8H	4H	29.1	29.8	29.6	30.2	30.6	29.1	29.8	29.6	30.2	30.7
8H	6H	29.8	30.3	30.2	30.8	31.2	29.8	30.4	30.3	30.8	31.3
8H	8H	30.0	30.5	30.5	31.0	31.4	30.1	30.6	30.5	31.0	31.5
8H	12H	30.2	30.6	30.7	31.1	31.6	30.2	30.7	30.7	31.1	31.6
12H	4H	29.1	29.8	29.6	30.2	30.6	29.2	29.8	29.6	30.2	30.7
12H	6H	29.8	30.3	30.3	30.8	31.3	29.9	30.4	30.4	30.8	31.3
12H	8H	30.1	30.5	30.6	31.0	31.5	30.1	30.6	30.6	31.0	31.6

Variation of the observer position for the luminaire distances S

Correction summand	+0.12,9	+0.12,9
S = 1.5H	+0.17,0	+0.17,0
Standard table	+0.06,0	+0.06,0
Correction summands referring to 450lm/400lm luminous flux	+0.06,0	+0.06,0

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