

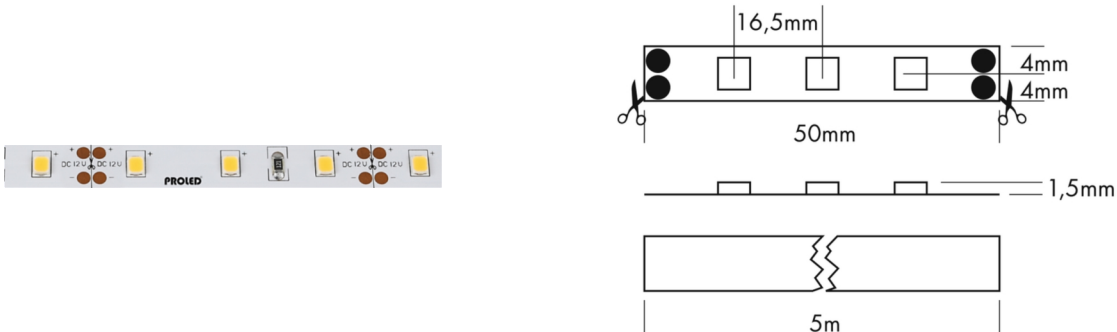
Data sheet

L6226 - Flex Strip 300-12 Mono - SWW

PROLED®

Article name: Flex Strip 300-12 Mono - SWW

Article number: L6226



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:	4.8 W
Controllability:	Dimmable	Current:	12 V
Safety:	IP20	Safety class:	3
Temperature range:	-10...45 °C	EEL:	A++ - A
Lifetime:	50.000 h at L80B10	UGR:	28.65

Shape and dimensions:

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

Status 08.12.2020

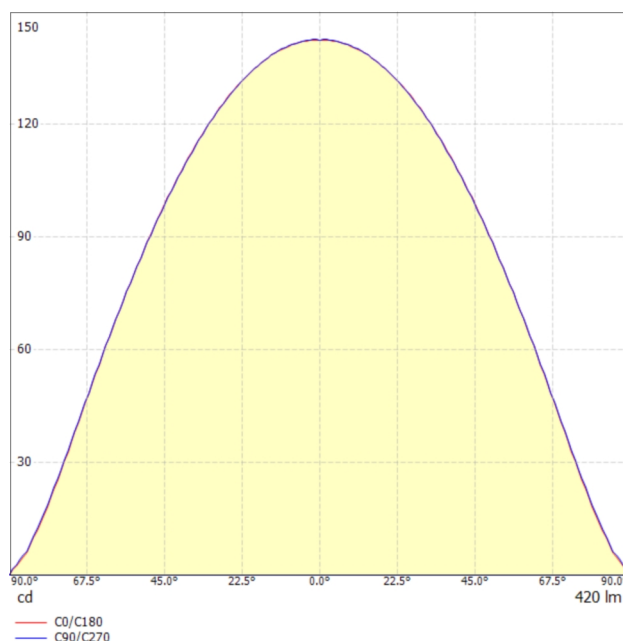
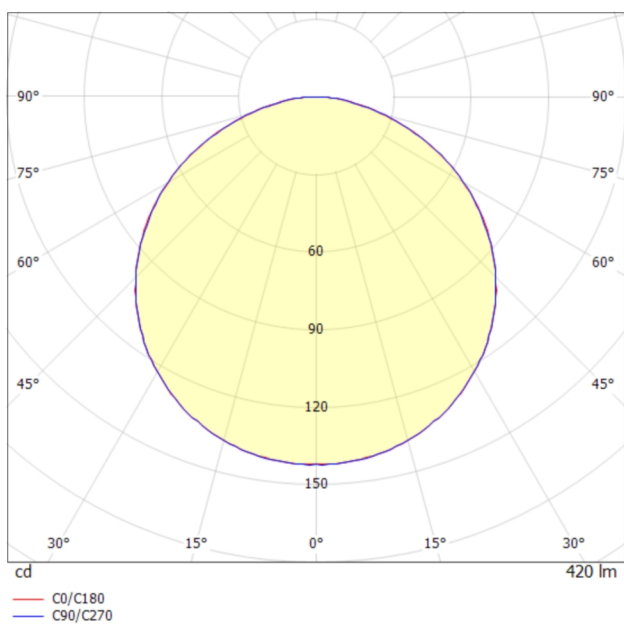
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Light output 1 (LED 2700K - CRI 90):

Lamp type:	LED
Lamp power:	4.8 W
Total luminous flux:	420 lm
Light efficiency:	87.5 lm/W
CCT:	2700 K
CRI:	90
Light distribution:	(Symmetrical) Wide flood (half value angle 45° ... 125°)



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0.5	1.58	E(0°) E(C0)	57.7°	443 34
1.0	3.16	E(0°) E(C0)	57.7°	111 8
1.5	4.75	E(0°) E(C0)	57.7°	49 4
2.0	6.33	E(0°) E(C0)	57.7°	28 2
2.5	7.91	E(0°) E(C0)	57.7°	18 1
3.0	9.49	E(0°) E(C0)	57.7°	12 1

Distance Cone diameter Illuminance

— C0/C180 (Half-peak divergence: 115.4°)

Glare evaluation according to UGR												
Room size		Viewing direction at right angles to lamp axis										Viewing direction parallel to lamp axis
X	Y	70	70	50	50	30	30	70	70	50	50	30
p Ceiling		70	70	50	50	30	30	70	70	50	50	30
p Walls		50	30	50	30	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20	20
2H	2H	24.8	26.1	25.1	26.4	26.6	24.8	26.1	25.1	26.4	26.6	26.6
2H	3H	26.4	27.6	26.7	27.8	28.1	26.4	27.6	26.7	27.9	28.1	28.1
2H	4H	27.0	28.1	27.3	28.4	28.7	27.0	28.1	27.3	28.4	28.7	28.7
2H	6H	27.4	28.4	27.7	28.7	29.1	27.4	28.5	27.8	28.8	29.1	29.1
2H	8H	27.5	28.5	27.9	28.8	29.2	27.5	28.6	27.9	28.9	29.2	29.2
2H	12H	27.6	28.5	27.9	28.9	29.2	27.6	28.6	28.0	28.9	29.3	29.3
4H	2H	25.5	26.6	25.8	26.9	27.2	25.5	26.6	25.8	26.9	27.2	27.2
4H	3H	27.2	28.2	27.6	28.5	28.9	27.3	28.2	27.6	28.6	28.9	28.9
4H	4H	28.0	28.8	28.4	29.2	29.6	28.0	28.8	28.4	29.2	29.6	29.6
4H	6H	28.5	29.2	28.9	29.6	30.0	28.5	29.3	29.0	29.7	30.1	30.1
4H	8H	28.7	29.3	29.1	29.7	30.2	28.7	29.4	29.1	29.8	30.2	30.2
4H	12H	28.8	29.4	29.2	29.8	30.2	28.8	29.4	29.3	29.9	30.3	30.3
8H	4H	28.3	28.9	28.7	29.3	29.8	28.3	29.0	28.7	29.4	29.8	29.8
8H	6H	28.9	29.5	29.4	29.9	30.4	28.9	29.5	29.4	29.9	30.4	30.4
8H	8H	29.1	29.6	29.6	30.1	30.6	29.2	29.7	29.7	30.1	30.6	30.6
8H	12H	29.3	29.7	29.8	30.2	30.7	29.4	29.8	29.9	30.3	30.8	30.8
12H	4H	28.3	28.9	28.7	29.3	29.8	28.3	28.9	28.7	29.3	29.8	29.8
12H	6H	29.0	29.5	29.4	29.9	30.4	29.0	29.5	29.5	29.9	30.4	30.4
12H	8H	29.2	29.7	29.7	30.1	30.6	29.3	29.7	29.8	30.2	30.7	30.7
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		12.0					12.1					
Correction glare indices referring to 420lm total luminous flux												