

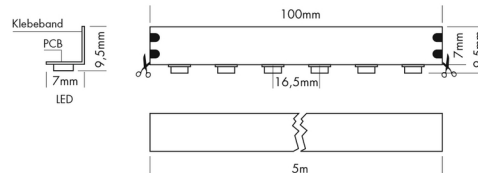
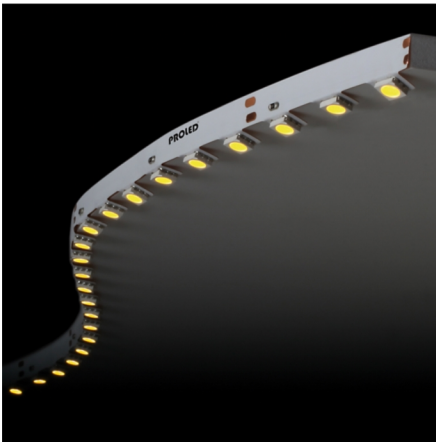
Data sheet

L658D08 - Flex Strip HD 90° Down - NW

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Article name: Flex Strip HD 90° Down - NW

Article number: L658D08



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

Adjustability: Fixed

Controllability: Dimmable

Safety: IP20

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: 28.05

Shape and dimensions:

Length: 1000 mm

Width: 7 mm

Height: 10 mm

Weight: -

Status 08.12.2020

Technical amendments and errors reserved.

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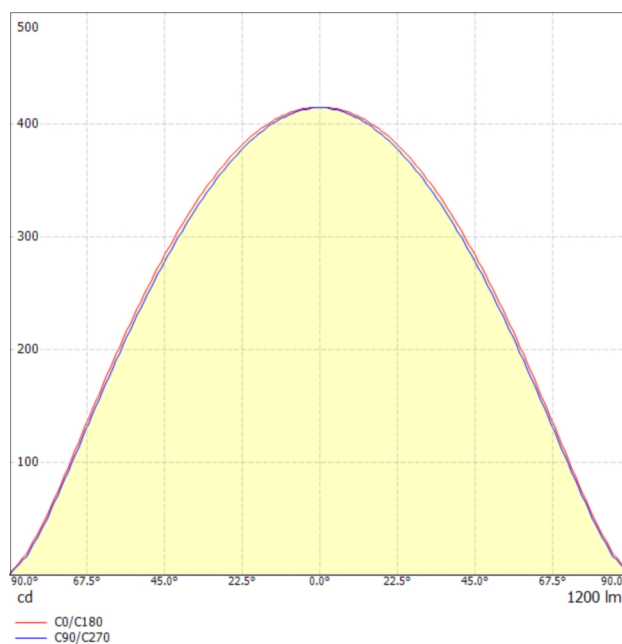
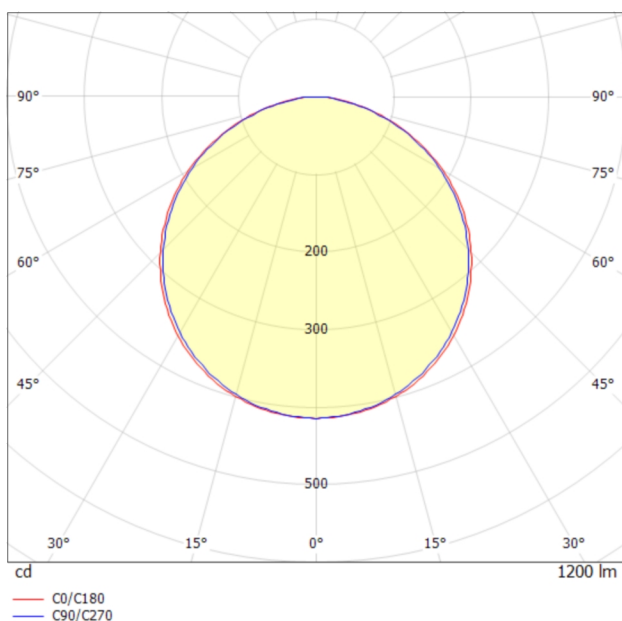
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Light output 1 (LED 4000K - CRI 90):

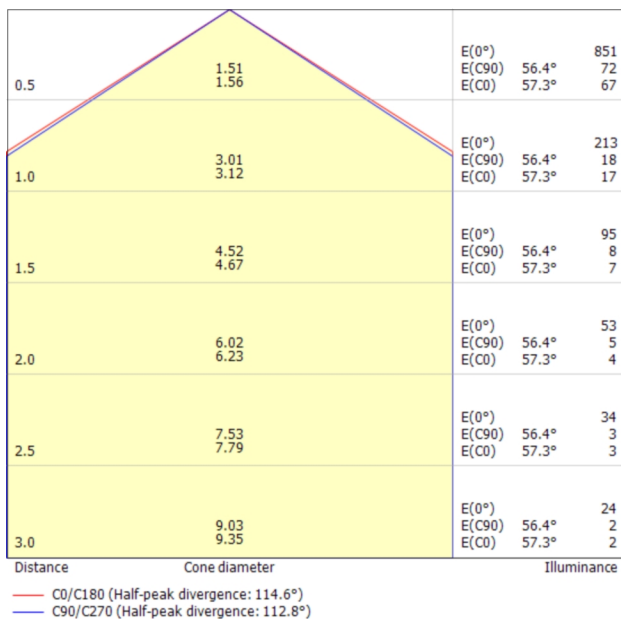
Lamp type:	LED
Lamp power:	14.4 W
Total luminous flux:	1200 lm
Light efficiency:	83.3 lm/W
CCT:	4000 K
CRI:	90
Light distribution:	(Symmetrical) Wide flood (half value angle 45°...125°)



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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	24.1	25.5	24.5	25.7	26.0	24.0	25.4	24.3	25.6	25.9
2H	3H	25.7	26.9	26.1	27.2	27.5	25.6	26.8	25.9	27.1	27.3
2H	4H	26.3	27.5	26.7	27.8	28.1	26.2	27.3	26.5	27.6	27.9
2H	6H	26.8	27.8	27.1	28.1	28.4	26.6	27.6	27.0	28.0	28.3
2H	8H	26.9	27.9	27.3	28.2	28.6	26.7	27.7	27.1	28.0	28.4
2H	12H	27.0	27.9	27.4	28.3	28.6	26.8	27.7	27.2	28.1	28.4
4H	2H	24.8	26.0	25.2	26.2	26.5	24.7	25.9	25.1	26.2	26.5
4H	3H	26.6	27.5	27.0	27.9	28.2	26.5	27.4	26.9	27.8	28.1
4H	4H	27.3	28.2	27.7	28.5	28.9	27.2	28.0	27.6	28.4	28.8
4H	6H	27.9	28.6	28.3	29.0	29.4	27.7	28.5	28.1	28.8	29.3
4H	8H	28.0	28.7	28.5	29.1	29.6	27.9	28.6	28.3	29.0	29.4
4H	12H	28.2	28.8	28.6	29.2	29.7	28.0	28.6	28.4	29.0	29.5
8H	4H	27.6	28.3	28.0	28.7	29.1	27.5	28.2	27.9	28.6	29.0
8H	6H	28.3	28.8	28.7	29.3	29.7	28.1	28.7	28.6	29.1	29.6
8H	8H	28.5	29.0	29.0	29.5	30.0	28.4	28.9	28.9	29.3	29.8
8H	12H	28.7	29.1	29.2	29.6	30.1	28.5	28.9	29.0	29.4	29.9
12H	4H	27.6	28.2	28.1	28.7	29.1	27.5	28.1	28.0	28.5	29.0
12H	6H	28.3	28.8	28.8	29.3	29.8	28.2	28.7	28.7	29.1	29.6
12H	8H	28.6	29.0	29.1	29.5	30.0	28.5	28.9	29.0	29.4	29.9
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 / -0.4				
S = 2.0H		+0.4 / -0.6					+0.4 / -0.7				
Standard table		BK06					BK06				
Correction summand		11.4					11.2				
Correction glare indices referring to 1200lm total luminous flux											

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