

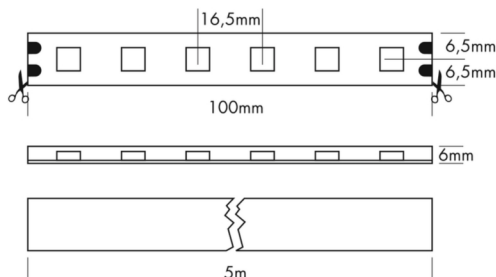
Data sheet

L655804 - Flex Strip IP68 HD Mono - W

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Article name: Flex Strip IP68 HD Mono - W

Article number: L655804



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 clamps or special glue. The 3M adhesive tape on the strip's backside (self adhesive) is only as fit-up aid.
- IP68 for under water use (power supply cable/end caps IP65 when correctly sealed.
- 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: IP68

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: 26.93

Shape and dimensions:

Length: 1000 mm

Width: 13 mm

Height: 6 mm

Weight: -

Status 08.12.2020

Technical amendments and errors reserved.

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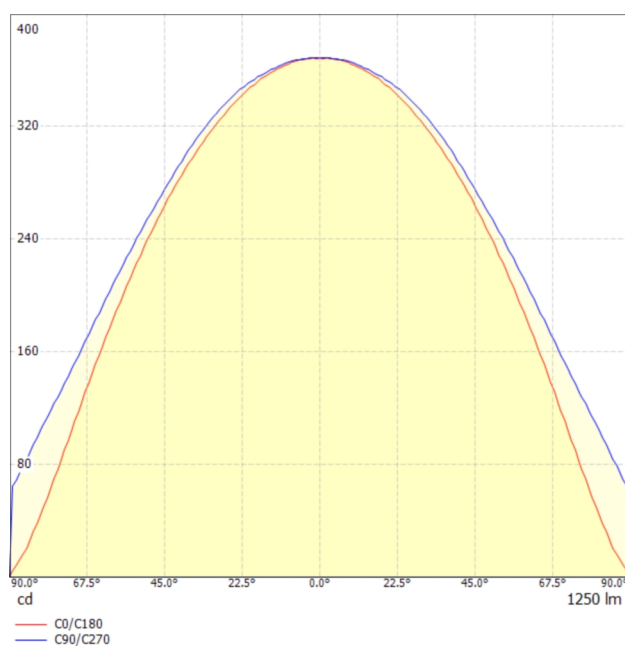
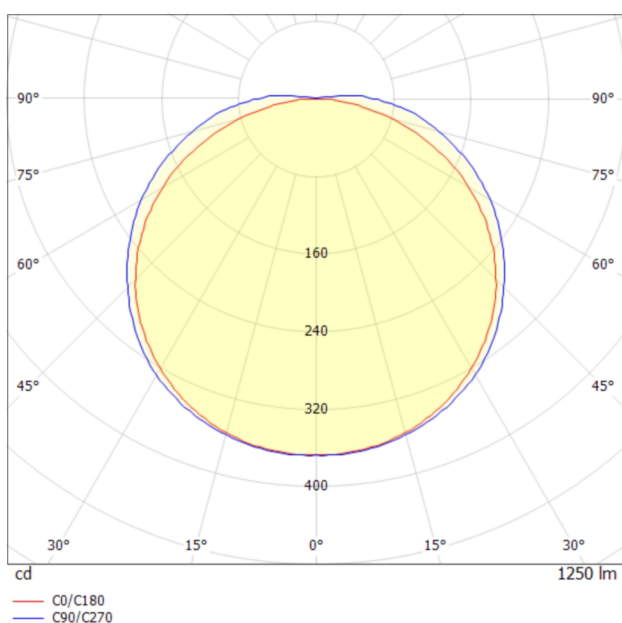
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Light output 1 (LED 6000K - CRI 90):

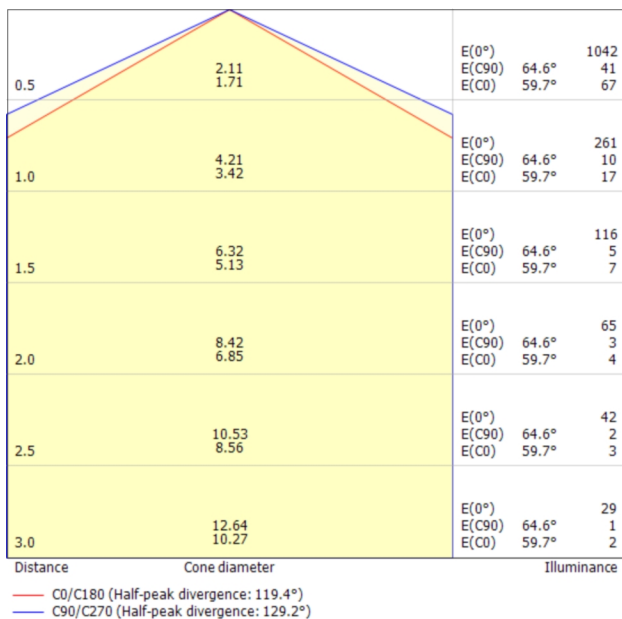
Lamp type:	LED
Lamp power:	14.4 W
Total luminous flux:	1250 lm
Light efficiency:	86.8 lm/W
CCT:	6000 K
CRI:	90
Light distribution:	(Symmetrical) Wide flood (half value angle 45°...125°)



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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	23.2	24.6	23.5	24.9	25.1	24.3	25.7	24.7	26.0	26.3
2H	3H	24.7	25.9	25.0	26.2	26.5	26.5	27.7	26.8	28.0	28.3
2H	4H	25.2	26.4	25.6	26.7	27.0	27.5	28.7	27.9	29.1	29.4
2H	6H	25.5	26.6	25.9	27.0	27.3	28.7	29.8	29.0	30.1	30.5
2H	8H	25.6	26.7	26.0	27.0	27.4	29.2	30.3	29.6	30.7	31.0
2H	12H	25.6	26.7	26.0	27.0	27.4	29.9	30.9	30.3	31.3	31.6
4H	2H	24.0	25.2	24.4	25.6	25.9	24.9	26.1	25.3	26.4	26.8
4H	3H	25.7	26.7	26.1	27.1	27.5	27.2	28.2	27.6	28.6	29.0
4H	4H	26.3	27.3	26.8	27.7	28.1	28.4	29.3	28.8	29.7	30.1
4H	6H	26.8	27.6	27.3	28.0	28.5	29.7	30.5	30.1	30.9	31.3
4H	8H	26.9	27.7	27.4	28.1	28.6	30.3	31.1	30.8	31.5	32.0
4H	12H	27.0	27.7	27.5	28.1	28.6	31.1	31.8	31.5	32.2	32.7
8H	4H	26.8	27.6	27.3	28.0	28.5	28.6	29.4	29.1	29.8	30.3
8H	6H	27.5	28.1	28.0	28.6	29.0	30.1	30.7	30.6	31.1	31.6
8H	8H	27.7	28.2	28.2	28.7	29.2	30.8	31.4	31.3	31.9	32.4
8H	12H	27.8	28.3	28.3	28.8	29.3	31.7	32.2	32.2	32.7	33.2
12H	4H	26.9	27.6	27.4	28.1	28.5	28.6	29.3	29.1	29.8	30.3
12H	6H	27.6	28.2	28.1	28.7	29.2	30.1	30.7	30.6	31.1	31.7
12H	8H	27.9	28.4	28.4	28.9	29.4	30.9	31.4	31.4	31.9	32.5
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.1 / -0.1					+0.1 / -0.1				
S = 1.5H		+0.3 / -0.4					+0.2 / -0.2				
S = 2.0H		+0.4 / -0.7					+0.3 / -0.4				
Standard table		BK06					BK09				
Correction summand		10.6					14.8				
Correction glare indices referring to 1250lm total luminous flux											

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