

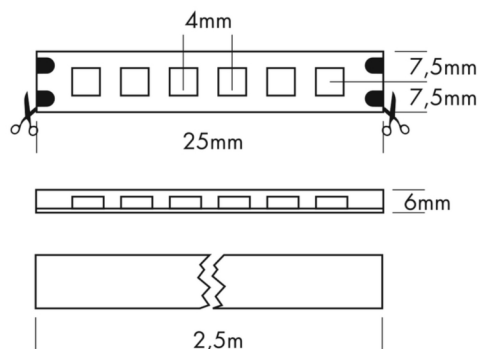
## Data sheet

L675806SH - Flex Strip IP68 1200 HE Mono - WW

**PROLED®**

Article name: Flex Strip IP68 1200 HE Mono - WW

Article number: L675806SH



### 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:** 57.6 W

**Current:** 24 V

**Safety class:** 3

**EEL:** A++ - A

**UGR:** 30.71

### Shape and dimensions:

**Length:** 1000 mm

**Width:** 15 mm

**Height:** 6 mm

**Weight:** -

Status 08.12.2020

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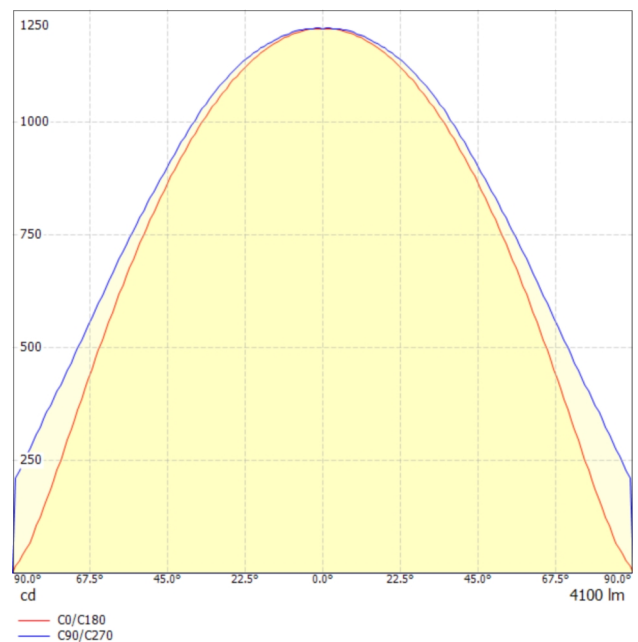
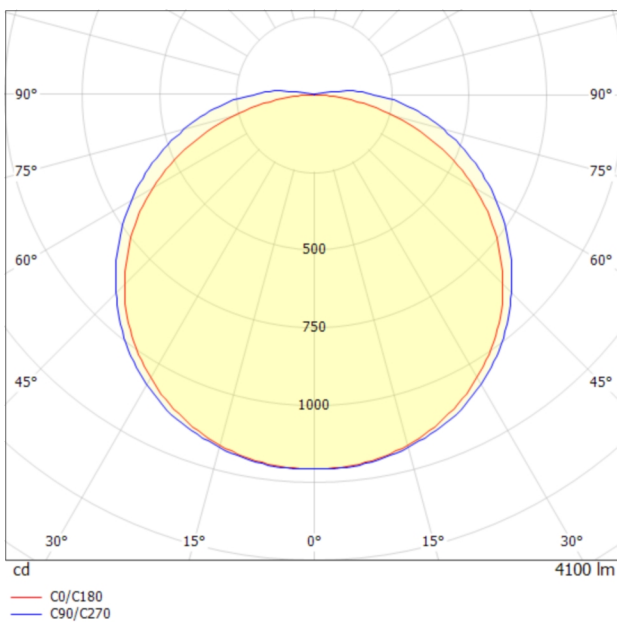
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**Light output 1 (LED 3000K - CRI 90):**

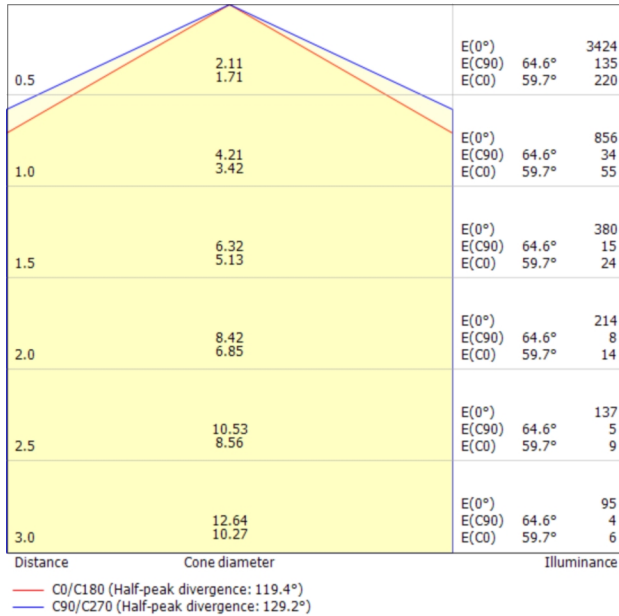
<b>Lamp type:</b>	LED
<b>Lamp power:</b>	57.6 W
<b>Total luminous flux:</b>	4100 lm
<b>Light efficiency:</b>	71.2 lm/W
<b>CCT:</b>	3000 K
<b>CRI:</b>	90
<b>Light distribution:</b>	(Symmetrical) Wide flood (half value angle 45°...125°)



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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 X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H 2H	26.9	28.3	27.2	28.6	28.8	27.9	29.3	28.3	29.6	29.9
2H 3H	28.4	29.6	28.7	30.0	30.3	30.1	31.3	30.4	31.6	32.0
2H 4H	28.9	30.1	29.3	30.4	30.8	31.1	32.3	31.5	32.7	33.0
2H 6H	29.3	30.4	29.7	30.7	31.1	32.3	33.4	32.7	33.7	34.1
2H 8H	29.4	30.4	29.8	30.8	31.2	32.8	33.9	33.2	34.3	34.6
2H 12H	29.4	30.4	29.8	30.8	31.2	33.5	34.5	33.9	34.9	35.2
4H 2H	27.7	28.9	28.1	29.3	29.6	28.5	29.7	28.9	30.1	30.4
4H 3H	29.4	30.4	29.8	30.8	31.2	30.8	31.9	31.2	32.2	32.6
4H 4H	30.1	31.0	30.5	31.4	31.8	32.0	33.0	32.5	33.4	33.8
4H 6H	30.6	31.4	31.0	31.8	32.2	33.3	34.1	33.8	34.5	35.0
4H 8H	30.7	31.5	31.2	31.9	32.4	34.0	34.7	34.4	35.2	35.6
4H 12H	30.8	31.5	31.3	31.9	32.4	34.7	35.4	35.2	35.8	36.3
8H 4H	30.6	31.3	31.1	31.8	32.2	32.3	33.0	32.8	33.5	33.9
8H 6H	31.2	31.9	31.7	32.3	32.8	33.7	34.3	34.2	34.8	35.3
8H 8H	31.5	32.0	32.0	32.5	33.0	34.5	35.1	35.0	35.5	36.1
8H 12H	31.6	32.1	32.1	32.6	33.1	35.4	35.9	35.9	36.4	36.9
12H 4H	30.7	31.4	31.2	31.8	32.3	32.3	33.0	32.8	33.4	33.9
12H 6H	31.4	32.0	31.9	32.4	33.0	33.8	34.3	34.3	34.8	35.3
12H 8H	31.7	32.2	32.2	32.7	33.2	34.6	35.1	35.1	35.6	36.1
Variation of the observer position for the luminaire distances S										
S = 1.0H	+0.1 / -0.1					+0.1 / -0.1				
S = 1.5H	+0.3 / -0.4					+0.2 / -0.2				
S = 2.0H	+0.4 / -0.7					+0.3 / -0.4				
Standard table	BK06					BK10				
Correction summand	14.3					18.7				
Correction glare indices referring to 4100lm total luminous flux										

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