

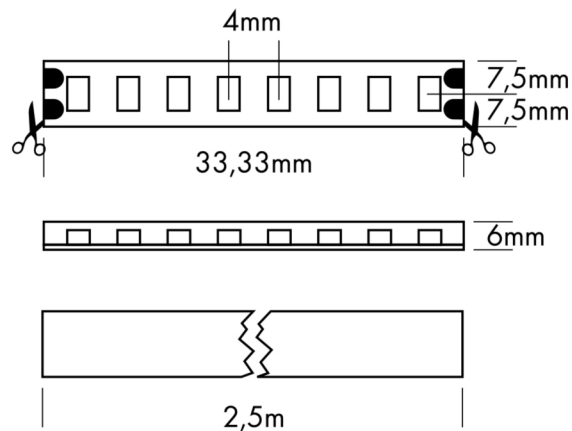
# Data sheet

L675936SHL - Flex Strip IP68 1200 HE+ Mono 2G - UWW

**PROLED®**

Article name: Flex Strip IP68 1200 HE+ Mono 2G - UWW

Article number: L675936SHL



## 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 efficiency
- 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:

<b>Mounting type:</b>	Surface-mounted on ceiling	<b>Electric:</b>	
<b>Adjustability:</b>	Fixed	System power:	38 W
<b>Controllability:</b>	Dimmable	Current:	24 V
<b>Safety:</b>	IP68	Safety class:	3
<b>Temperature range:</b>	-10...45 °C	EEL:	F
<b>Lifetime:</b>	50.000 h at L80B10	UGR:	30,71

## Shape and dimensions:

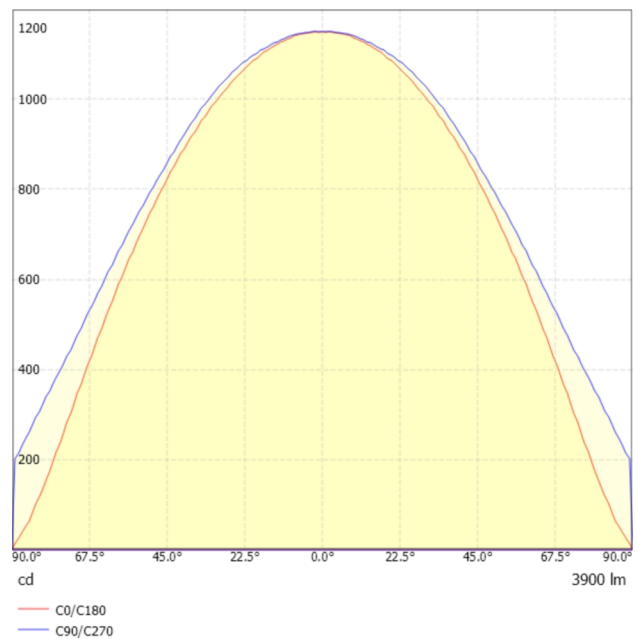
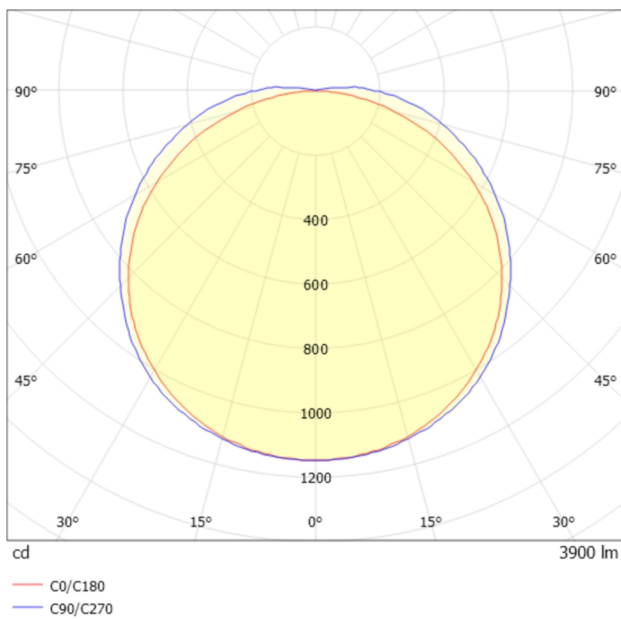
Length:	1000 mm
Width:	15 mm
Height:	6 mm
Weight:	-

State 02.11.2022

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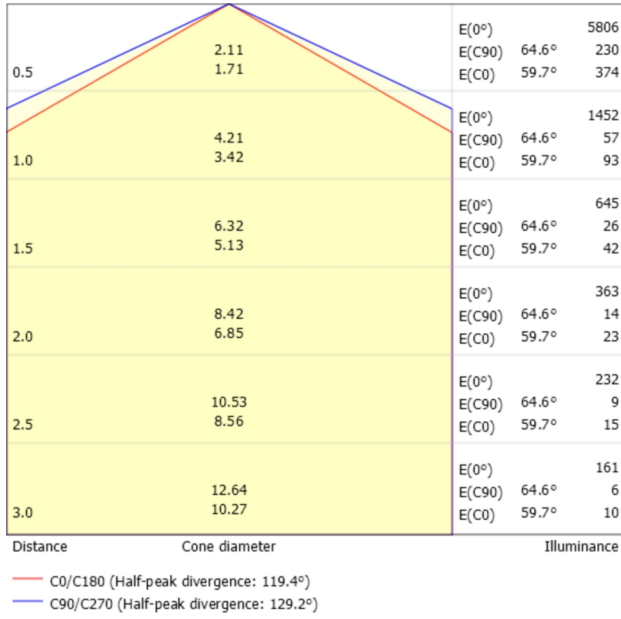
**Light output 1 (LED 2400K - CRI 90):**

<b>Lamp type:</b>	LED
<b>Lamp power:</b>	38 W
<b>Total luminous flux:</b>	3900 lm
<b>Light efficiency:</b>	102.6 lm/W
<b>CCT:</b>	2400 K
<b>CRI:</b>	-
<b>Light distribution:</b>	(Symmetrical) Wide flood (half value angle 45° ... 125°)



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### Glare evaluation according to UGR

	70	70	50	50	30	70	70	50	50	30
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	X	Y	Viewing direction at □ right angles to lamp axis					Viewing direction □ parallel to lamp axis				
			2H	4H	6H	8H	12H	2H	4H	6H	8H	12H
2H	2H	28.7	30.1	29.1	30.4	30.7	29.8	31.2	30.1	31.4	31.7	
2H	3H	30.2	31.5	30.6	31.8	32.1	31.9	33.2	32.3	33.5	33.8	
2H	4H	30.8	32.0	31.1	32.3	32.6	33.0	34.2	33.4	34.5	34.8	
2H	6H	31.1	32.2	31.5	32.6	32.9	34.1	35.2	34.5	35.6	35.9	
2H	8H	31.2	32.3	31.6	32.6	33.0	34.7	35.8	35.1	36.1	36.5	
2H	12H	31.2	32.3	31.6	32.6	33.0	35.3	36.3	35.7	36.7	37.1	
4H	2H	29.6	30.8	29.9	31.1	31.4	30.4	31.6	30.7	31.9	32.2	
4H	3H	31.2	32.3	31.7	32.6	33.0	32.7	33.7	33.1	34.1	34.4	
4H	4H	31.9	32.9	32.4	33.2	33.7	33.9	34.8	34.3	35.2	35.6	
4H	6H	32.4	33.2	32.9	33.6	34.1	35.1	36.0	35.6	36.4	36.8	
4H	8H	32.5	33.3	33.0	33.7	34.2	35.8	36.6	36.3	37.0	37.5	
4H	12H	32.6	33.3	33.1	33.7	34.2	36.5	37.2	37.0	37.7	38.2	
8H	4H	32.4	33.2	32.9	33.6	34.1	34.1	34.9	34.6	35.3	35.8	
8H	6H	33.1	33.7	33.6	34.2	34.7	35.6	36.2	36.0	36.6	37.1	
8H	8H	33.3	33.8	33.8	34.3	34.9	36.3	36.9	36.8	37.4	37.9	
8H	12H	33.4	33.9	34.0	34.4	35.0	37.2	37.7	37.7	38.2	38.7	
12H	4H	32.5	33.2	33.0	33.7	34.1	34.1	34.8	34.6	35.3	35.7	
12H	6H	33.2	33.8	33.8	34.3	34.8	35.6	36.2	36.1	36.6	37.2	
12H	8H	33.5	34.0	34.1	34.5	35.1	36.4	36.9	37.0	37.4	38.0	

Variation of the observer position for the luminaire distances S

Correction summand	S = 1.5H	S = 1.5H
Standard table	+0.16/2	+0.17/2
Correction summand	+0.16/2	+0.17/2
Standard table	+0.16/2	+0.17/2
Correction summand	+0.16/2	+0.17/2

Correction summands referring to 3000lm total luminous flux

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