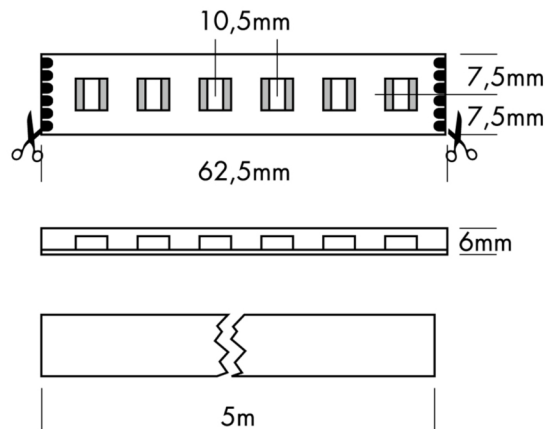


Data sheet

L65D5906HD - Flex Strip IP68 RGB+CCT 5-in-1 HD

PROLED®

Article name: Flex Strip IP68 RGB+CCT 5-in-1 HD
Article number: L65D5906HD



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.

- RGBW+WW (5 colours in one LED). Pastel colour shades and adjustment of the colour temperature possible.
- 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, autom. colour change, 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:	40 W
Controllability:	Dimmable, Colour adjustable	Current:	24 V
Safety:	IP68	Safety class:	3
Temperature range:	-10...45 °C	EEL:	G
Lifetime:	50.000 h at L80B10	UGR:	-

Shape and dimensions:

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

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Light output 1 (LED 6000K - CRI 80):

Lamp type:	LED
Lamp power:	8 W
Total luminous flux:	700 lm
Light efficiency:	87.5 lm/W
CCT:	6000 K
CRI:	-
Light distribution:	(Symmetrical) Wide flood (half value angle 45°...125°)

Light output 2 (LED Blue):

Lamp type:	LED
Lamp power:	8 W
Total luminous flux:	100 lm
Light efficiency:	12.5 lm/W
CCT:	3000 K
CRI:	0
Light distribution:	(Symmetrical) Wide flood (half value angle 45°...125°)

Light output 3 (LED 2400K - CRI 80):

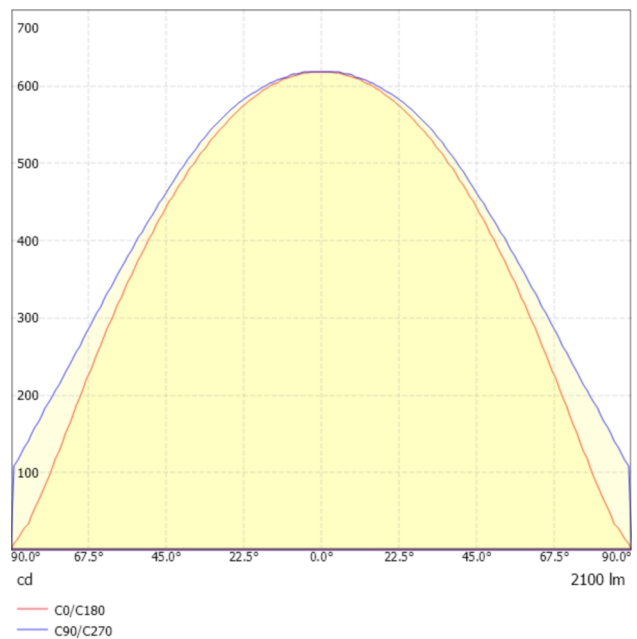
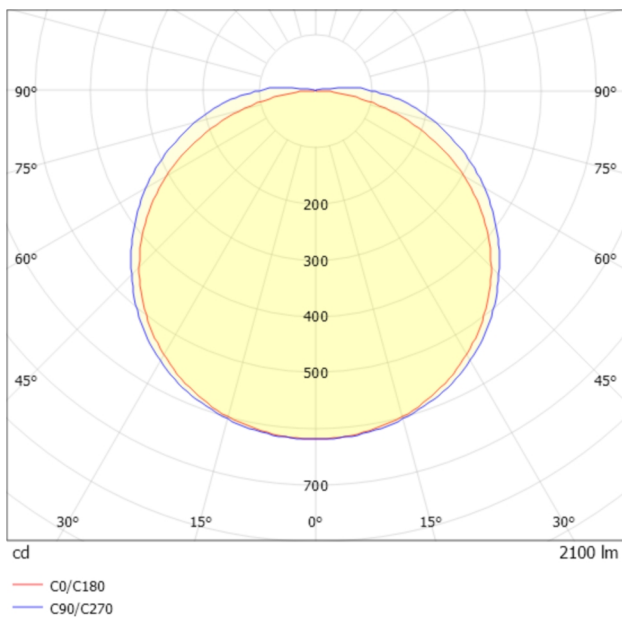
Lamp type:	LED
Lamp power:	8 W
Total luminous flux:	600 lm
Light efficiency:	75 lm/W
CCT:	2400 K
CRI:	-
Light distribution:	(Symmetrical) Wide flood (half value angle 45°...125°)

Light output 4 (LED Red):

Lamp type:	LED
Lamp power:	8 W
Total luminous flux:	200 lm
Light efficiency:	25 lm/W
CCT:	3000 K
CRI:	0
Light distribution:	(Symmetrical) Wide flood (half value angle 45°...125°)

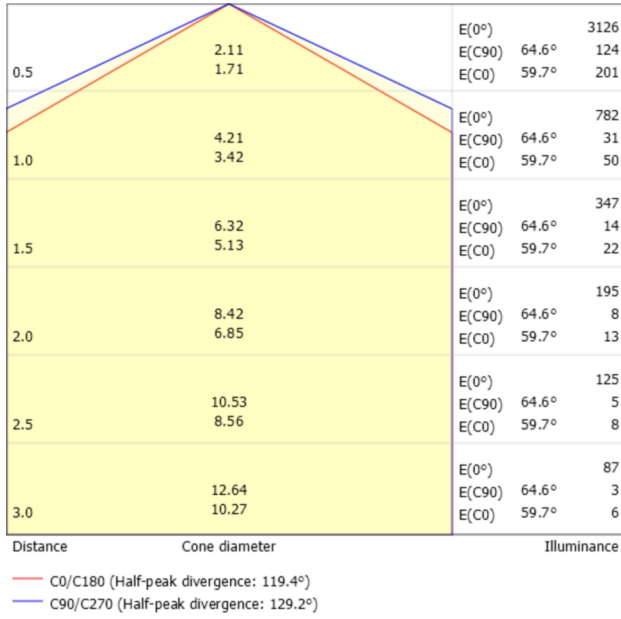
Light output 5 (LED Green):

Lamp type:	LED
Lamp power:	8 W
Total luminous flux:	500 lm
Light efficiency:	62.5 lm/W
CCT:	3000 K
CRI:	0
Light distribution:	(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	27.0	28.4	27.4	28.7	29.0	28.2	29.5	28.5	29.8	30.1	
2H	3H	28.5	29.7	28.8	30.0	30.4	30.3	31.5	30.6	31.8	32.2	
2H	4H	29.0	30.2	29.4	30.5	30.9	31.4	32.5	31.7	32.9	33.2	
2H	6H	29.3	30.5	29.7	30.8	31.2	32.5	33.6	32.9	33.9	34.3	
2H	8H	29.4	30.5	29.8	30.8	31.2	33.0	34.1	33.4	34.5	34.8	
2H	12H	29.4	30.5	29.9	30.8	31.2	33.7	34.7	34.1	35.1	35.5	
4H	2H	27.9	29.0	28.2	29.4	29.7	28.7	29.9	29.1	30.2	30.6	
4H	3H	29.5	30.5	29.9	30.9	31.3	31.0	32.0	31.4	32.4	32.8	
4H	4H	30.2	31.1	30.6	31.5	31.9	32.2	33.1	32.7	33.5	33.9	
4H	6H	30.6	31.4	31.1	31.9	32.3	33.5	34.3	33.9	34.7	35.2	
4H	8H	30.7	31.5	31.2	31.9	32.4	34.2	34.9	34.6	35.3	35.8	
4H	12H	30.8	31.5	31.3	31.9	32.4	34.9	35.6	35.4	36.0	36.5	
8H	4H	30.6	31.4	31.1	31.8	32.3	32.5	33.2	32.9	33.6	34.1	
8H	6H	31.3	31.9	31.8	32.4	32.9	33.9	34.5	34.4	35.0	35.5	
8H	8H	31.5	32.0	32.0	32.5	33.0	34.7	35.2	35.2	35.7	36.2	
8H	12H	31.6	32.1	32.1	32.6	33.1	35.5	36.0	36.0	36.5	37.1	
12H	4H	30.7	31.4	31.2	31.9	32.4	32.5	33.1	32.9	33.6	34.1	
12H	6H	31.5	32.0	32.0	32.5	33.0	33.9	34.5	34.4	35.0	35.5	
12H	8H	31.7	32.2	32.2	32.7	33.2	34.7	35.2	35.3	35.7	36.3	

Variation of the observer position for the luminaire distances S

Correction command	+0.14, 0.1	+0.18, 0.1
S = 1.5H	+0.3, 0.4	+0.4, 0.2
Standard table	+0.3, 0.4	+0.4, 0.2
Correction indices referring to 2100lm 125W luminous flux	+0.3, 0.4	+0.4, 0.2

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