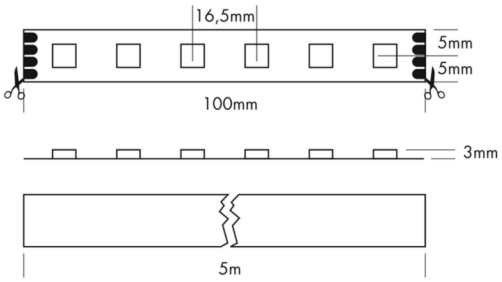
Data sheet

L65407 - Flex Strip IP53 HD RGB

Article name: Flex Strip IP53 HD RGB

Article number: L65407



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.

- 3 colours in one LED, therefore 100% smooth colour mixing.
- High flexibility - adaptable to round shapes.
- Installation with 3M adhesive tape on the strip's backside (self adhesive)
- IP53 only if glued correctly and if the sides are sealed with glue.
- 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
Adjustability:	Fixed
Controllability:	Dimmable,Colour adjustable
Safety:	IP53
Temperature range:	-10...45 °C
Lifetime:	50.000 h at L80B10

Electric:	
System power:	13.5 W
Current:	24 V
Safety class:	3
EEI:	A++ - A
UGR:	-

Shape and dimensions:

Length:	1000 mm
Width:	10 mm
Height:	3 mm
Weight:	-

Status 08.12.2020

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Light output 1 (LED Blue):

Lamp type:	LED
Lamp power:	4.5 W
Total luminous flux:	90 lm
Light efficiency:	20 lm/W
CCT:	-
CRI:	-
Light distribution:	(Symmetrical) Wide flood (half value angle 45°…125°)

Light output 2 (LED Green):

Lamp type:	LED
Lamp power:	4.5 W
Total luminous flux:	380 lm
Light efficiency:	84.4 lm/W
CCT:	7247 K
CRI:	-
Light distribution:	(Symmetrical) Wide flood (half value angle 45°…125°)

Light output 3 (LED Red):

Lamp type:	LED
Lamp power:	4.5 W
Total luminous flux:	140 lm
Light efficiency:	31.1 lm/W
CCT:	-
CRI:	-
Light distribution:	(Symmetrical) Wide flood (half value angle 45°…125°)

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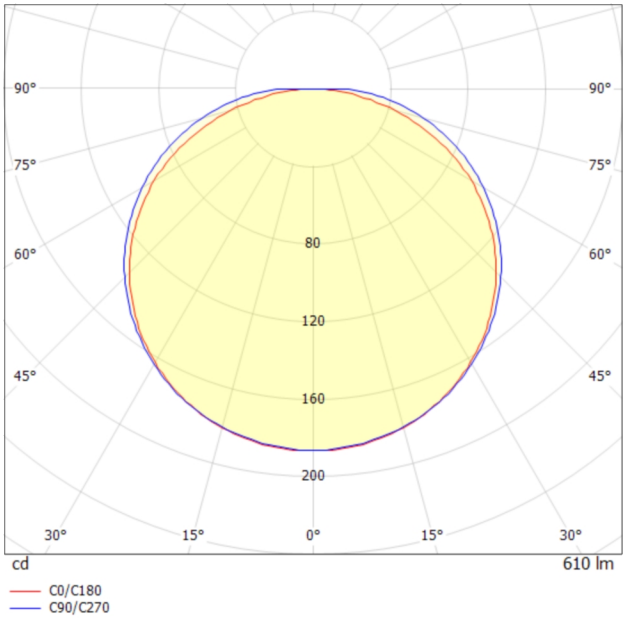

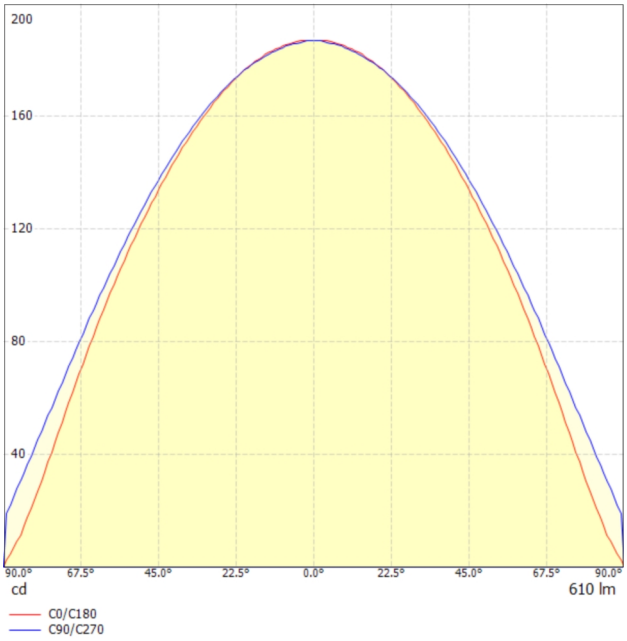

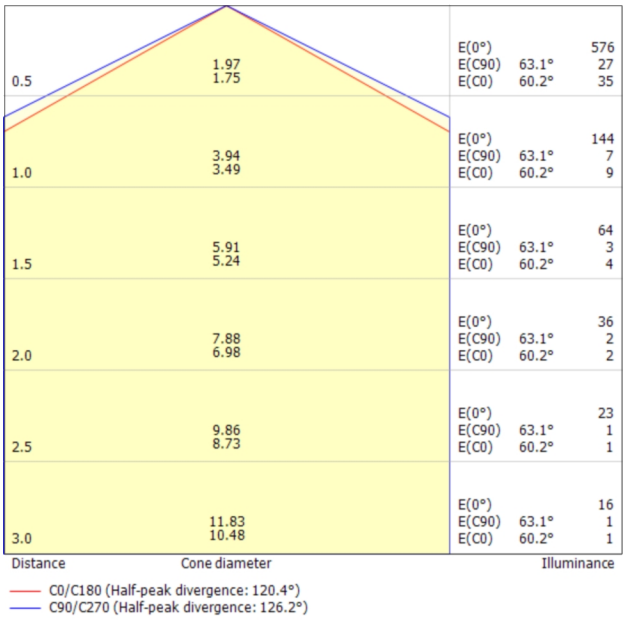

Glare evaluation according to UGR

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	2H	26.8	28.1	27.2	28.5	28.9	27.1	28.4	27.5	28.7	29.1
2H	3H	28.6	29.7	29.0	30.1	30.6	29.1	30.2	29.5	30.6	31.1
2H	4H	29.3	30.4	29.7	30.8	31.3	30.0	31.1	30.5	31.6	32.0
2H	6H	29.8	30.8	30.3	31.3	31.8	30.9	32.0	31.4	32.4	32.9
2H	8H	30.0	31.0	30.5	31.4	31.9	31.4	32.4	31.9	32.8	33.3
2H	12H	30.1	31.0	30.6	31.5	32.0	31.8	32.8	32.3	33.2	33.7
4H	2H	27.6	28.7	28.1	29.1	29.6	27.8	28.9	28.3	29.3	29.8
4H	3H	29.6	30.5	30.0	31.0	31.5	30.0	30.9	30.5	31.4	31.9
4H	4H	30.4	31.3	30.9	31.7	32.3	31.1	31.9	31.6	32.4	33.0
4H	6H	31.1	31.8	31.6	32.3	32.9	32.2	32.9	32.7	33.4	34.0
4H	8H	31.3	32.0	31.9	32.5	33.1	32.7	33.4	33.2	33.9	34.5
4H	12H	31.5	32.1	32.1	32.7	33.3	33.2	33.8	33.8	34.4	35.0
8H	4H	30.9	31.5	31.4	32.1	32.6	31.4	32.1	32.0	32.7	33.2
8H	6H	31.7	32.3	32.3	32.8	33.5	32.7	33.3	33.3	33.8	34.4
8H	8H	32.1	32.6	32.7	33.2	33.8	33.3	33.8	33.9	34.4	35.1
8H	12H	32.3	32.8	33.0	33.4	34.0	34.0	34.5	34.6	35.0	35.7
12H	4H	30.9	31.5	31.5	32.1	32.7	31.5	32.1	32.0	32.6	33.2
12H	6H	31.9	32.4	32.5	32.9	33.6	32.8	33.3	33.4	33.9	34.5
12H	8H	32.3	32.7	32.9	33.3	34.0	33.5	33.9	34.1	34.5	35.2
Variation of the observer position for the luminaire distances S											
S = 1.0H S = 1.5H S = 2.0H		+0.1 / -0.1 +0.2 / -0.3 +0.3 / -0.5					+0.1 / -0.1 +0.2 / -0.2 +0.3 / -0.4				
Standard table		BK07					BK09				
Correction summand		15.4					17.3				
Correction glare indices referring to 610lm total luminous flux											

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