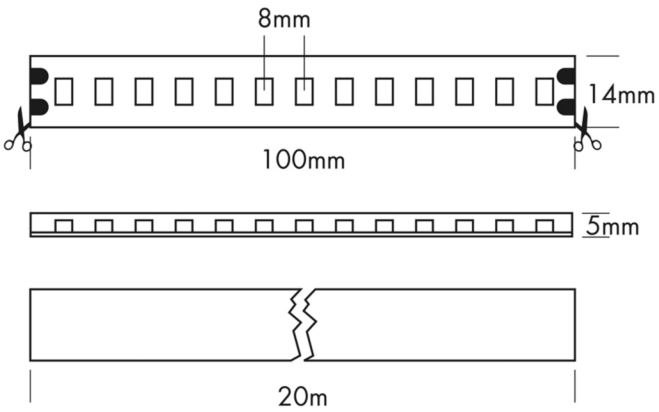
Data sheet

L6V48506 - Flex Strip IP65 Xtend Mono - WW

Article name:	Flex Strip IP65 Xtend Mono - WW
Article number:	L6V48506



Article description:

All the advantages of the Flex Strips extended up to 20 m long. The PROLED Flex Strip IP65 Xtend Mono is perfect when you have large rooms and long walls to illuminate with continuous light quality.

- Excellent light quality and colour rendering, and – thanks to 48-volt technology – uniform dimming over the entire length.
- Only one power feed needed for a length of 20 m. Significantly reduced installation effort.
- Installation with 3M adhesive tape on the strip's backside (self adhesive). For better holding we suggest additional mounting clips or special glue.
- IP65 when correctly sealed
- Dimmable with suitable PWM dimmers

Technical:

Mounting type:	Surface-mounted on ceiling	**Electric:**	
Adjustability:	Fixed	System power:	15 W
Controllability:	Dimmable	Current:	48 V
Safety:	IP65	Safety class:	3
Temperature range:	-10...45 °C	EEI:	F
Lifetime:	50.000 h at L80B10	UGR:	30,71

Shape and dimensions:

Length:	1000 mm
Width:	14 mm
Height:	5 mm
Weight:	-

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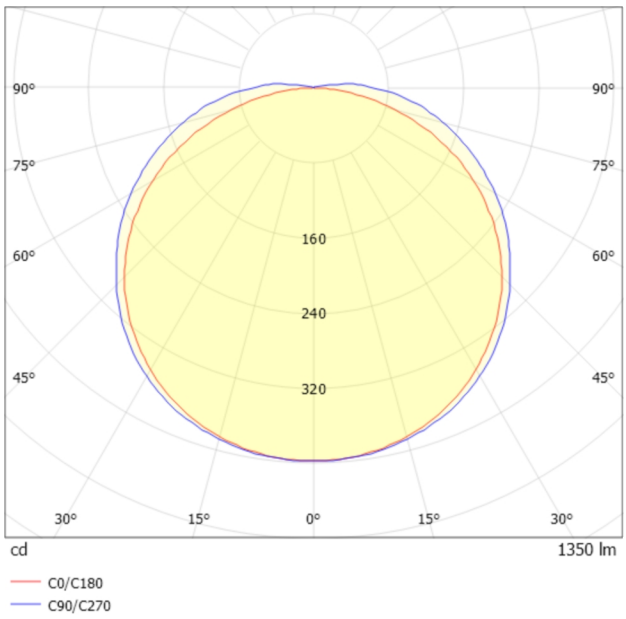
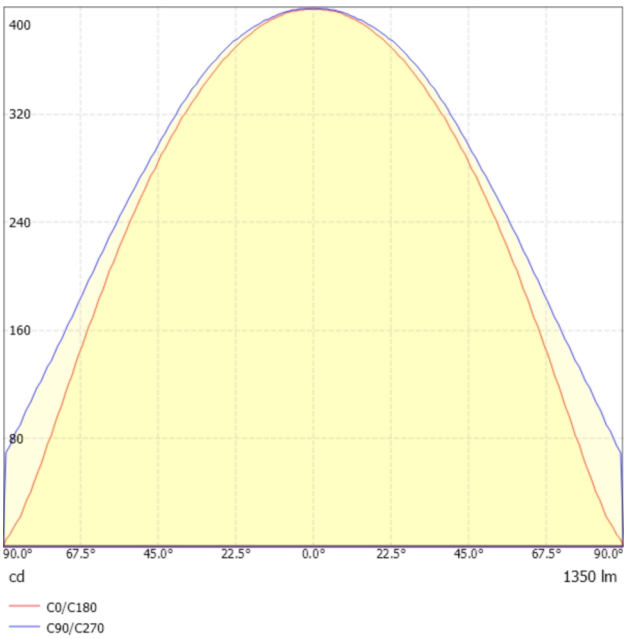
Light output 1 (LED 3000K - CRI 90):

Lamp type:	LED
Lamp power:	15 W
Total luminous flux:	1350 lm
Light efficiency:	90 lm/W
CCT:	3000 K
CRI:	-
Light distribution:	(Symmetrical) Wide flood (half value angle 45°…125°)





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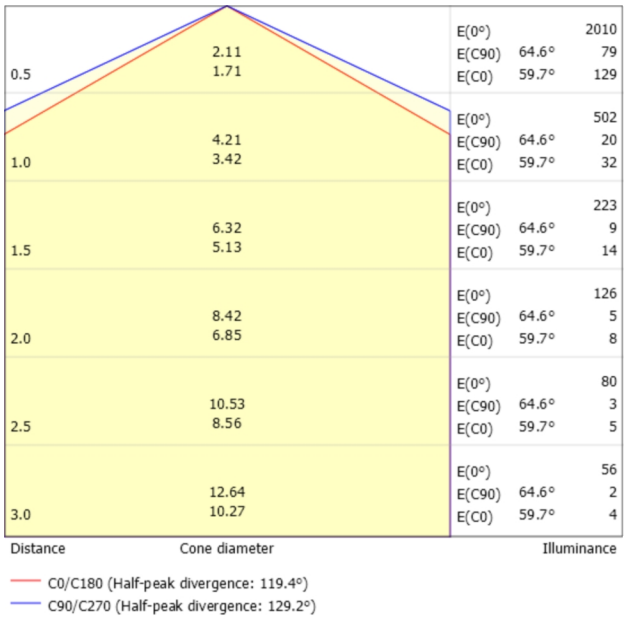

Glare evaluation according to UGR

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	25.1	26.4	25.4	26.7	27.0	26.1	27.5	26.4	27.8	28.0
2H	3H	26.5	27.8	26.9	28.1	28.4	28.2	29.5	28.6	29.8	30.1
2H	4H	27.1	28.3	27.5	28.6	28.9	29.3	30.5	29.7	30.8	31.1
2H	6H	27.4	28.5	27.8	28.9	29.2	30.4	31.5	30.8	31.9	32.2
2H	8H	27.5	28.6	27.9	28.9	29.3	31.0	32.1	31.4	32.4	32.8
2H	12H	27.5	28.6	28.0	28.9	29.3	31.6	32.6	32.0	33.0	33.4
4H	2H	25.9	27.1	26.3	27.4	27.7	26.7	27.9	27.1	28.2	28.5
4H	3H	27.6	28.6	28.0	29.0	29.3	29.0	30.0	29.4	30.4	30.8
4H	4H	28.2	29.2	28.7	29.6	30.0	30.2	31.1	30.6	31.5	31.9
4H	6H	28.7	29.5	29.2	29.9	30.4	31.5	32.3	31.9	32.7	33.1
4H	8H	28.9	29.6	29.3	30.0	30.5	32.1	32.9	32.6	33.3	33.8
4H	12H	28.9	29.6	29.4	30.1	30.5	32.9	33.5	33.3	34.0	34.5
8H	4H	28.7	29.5	29.2	29.9	30.4	30.4	31.2	30.9	31.6	32.1
8H	6H	29.4	30.0	29.9	30.5	31.0	31.9	32.5	32.4	33.0	33.5
8H	8H	29.6	30.2	30.1	30.6	31.2	32.7	33.2	33.2	33.7	34.2
8H	12H	29.7	30.2	30.3	30.7	31.3	33.5	34.0	34.1	34.5	35.1
12H	4H	28.8	29.5	29.3	30.0	30.4	30.4	31.1	30.9	31.6	32.1
12H	6H	29.6	30.1	30.1	30.6	31.1	31.9	32.5	32.4	33.0	33.5
12H	8H	29.8	30.3	30.4	30.8	31.4	32.7	33.2	33.3	33.7	34.3

Variation of the observer position for the luminaire distances S

Correction summand	12,5	16,9
S = 1.0H	+0.1 / -0.1	+0.1 / -0.1
S = 1.5H	+0.3 / -0.4	+0.2 / -0.2

Standard table BK05 BK10

Correction indices referring to 1350lm total luminous flux

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