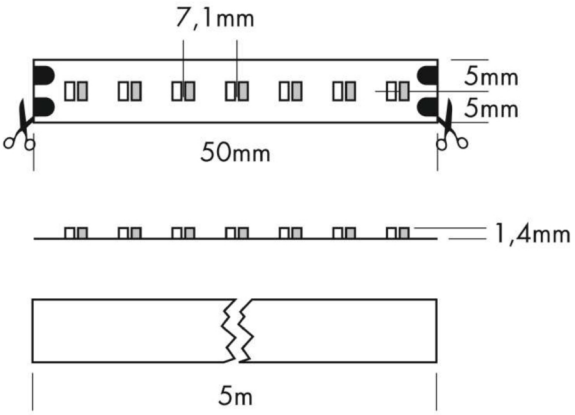
Data sheet

L6820072G - Flex Strip Dim-To-Warm 1400

Article name:	Flex Strip Dim-To-Warm 1400
Article number:	L6820072G



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. The DIM-TO-WARM STRIP changes during dimming the colour temperature from 3000K to 2400K (similar as the dimming of a halogen lamp).

- High flexibility - adaptable to round shapes.
- Installation with 3M adhesive tape on the strip's backside (self adhesive).
- dimmable and 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:	14,4 W
Controllability:	Dimmable,Colour adjustable	Current:	24 V
Safety:	IP20	Safety class:	3
Temperature range:	-10...45 °C	EEI:	G
Lifetime:	50.000 h at L80B10	UGR:	32,82

Shape and dimensions:

Length:	1000 mm
Width:	10 mm
Height:	2 mm
Weight:	-

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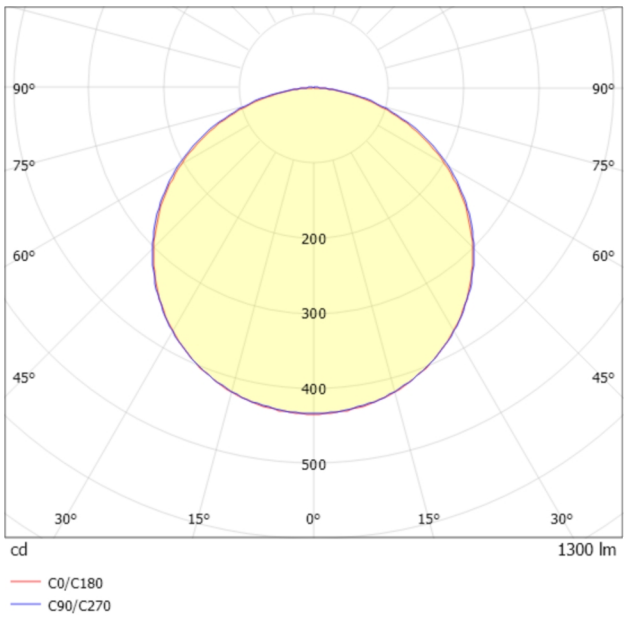
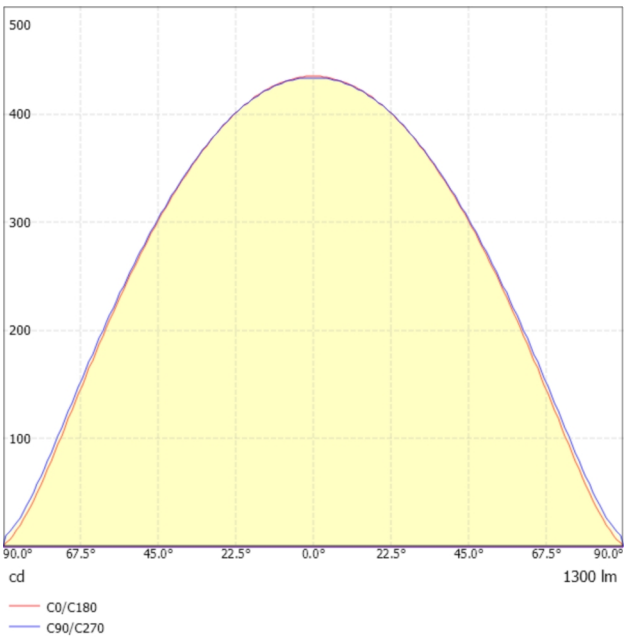
Light output 1 (LED 3000K - 2400K - CRI 90):

Lamp type:	LED
Lamp power:	14.4 W
Total luminous flux:	1300 lm
Light efficiency:	90.3 lm/W
CCT:	3000 K
CRI:	-
Light distribution:	(Symmetrical) Wide flood (half value angle 45°…125°)





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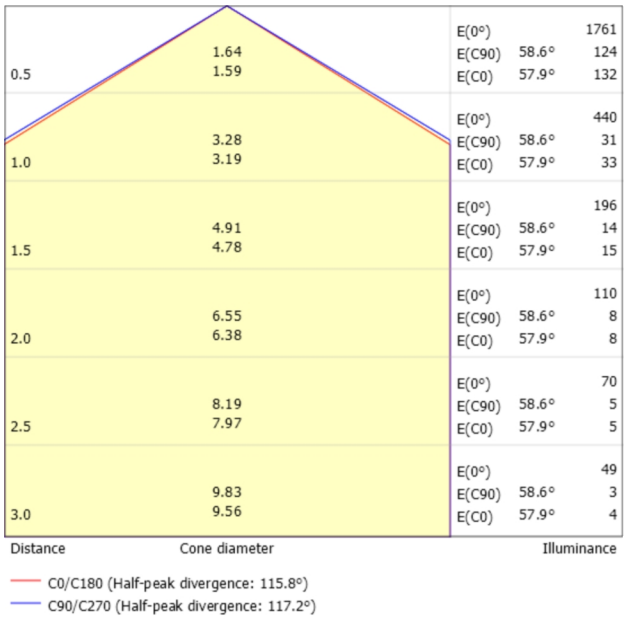

Glare evaluation according to UGR

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	31.3	32.6	31.6	32.9	33.1	31.4	32.7	31.7	32.9	33.2
2H	3H	32.9	34.1	33.2	34.4	34.6	33.0	34.2	33.4	34.5	34.8
2H	4H	33.5	34.6	33.8	34.9	35.2	33.7	34.8	34.0	35.1	35.4
2H	6H	33.9	35.0	34.3	35.3	35.6	34.2	35.3	34.6	35.6	35.9
2H	8H	34.1	35.1	34.4	35.4	35.7	34.4	35.4	34.7	35.7	36.0
2H	12H	34.1	35.1	34.5	35.4	35.8	34.5	35.5	34.9	35.8	36.1
4H	2H	32.0	33.2	32.3	33.4	33.7	32.1	33.2	32.4	33.5	33.8
4H	3H	33.8	34.8	34.2	35.1	35.4	33.9	34.9	34.3	35.2	35.6
4H	4H	34.5	35.4	34.9	35.8	36.1	34.7	35.6	35.1	35.9	36.3
4H	6H	35.1	35.8	35.5	36.2	36.6	35.3	36.1	35.8	36.5	36.9
4H	8H	35.3	36.0	35.7	36.4	36.8	35.6	36.3	36.0	36.7	37.1
4H	12H	35.4	36.0	35.8	36.4	36.9	35.7	36.4	36.2	36.8	37.2
8H	4H	34.9	35.6	35.3	36.0	36.4	35.0	35.7	35.5	36.1	36.5
8H	6H	35.5	36.1	36.0	36.5	37.0	35.8	36.4	36.2	36.8	37.3
8H	8H	35.8	36.3	36.3	36.7	37.2	36.1	36.6	36.6	37.0	37.5
8H	12H	36.0	36.4	36.5	36.9	37.4	36.3	36.8	36.8	37.2	37.7
12H	4H	34.9	35.5	35.3	35.9	36.4	35.0	35.7	35.5	36.1	36.5
12H	6H	35.6	36.1	36.1	36.6	37.1	35.8	36.3	36.3	36.8	37.3
12H	8H	35.9	36.3	36.4	36.8	37.3	36.2	36.6	36.7	37.1	37.6

Variation of the observer position for the luminaire distances S

Correction summand	18.6	18.9
S = 1.0H	+0.1 / -0.1	+0.1 / -0.1
S = 1.5H	+0.2 / -0.3	+0.2 / -0.3

Standard table BK06 BK06

Correction indices referring to 1300 lm total luminous flux

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