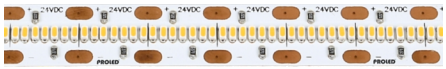
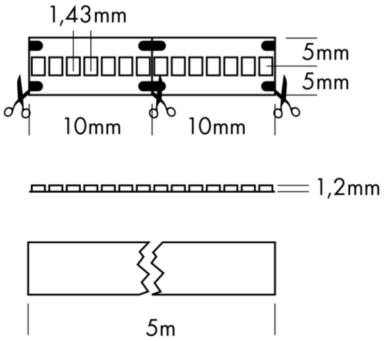
Data sheet

L6832006 - Flex Strip 2110 UHD - WW

Article name: Flex Strip 2110 UHD - WW

Article number: L6832006





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.

- Very low distance between the LEDs for homogeneous illumination.
- 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:	23 W
Controllability:	Dimmable	Current:	24 V
Safety:	IP20	Safety class:	3
Temperature range:	-10...45 °C	EEI:	A++ - A
Lifetime:	50.000 h at L80B10	UGR:	37.08

Shape and dimensions:

Length:	1000 mm
Width:	10 mm
Height:	1 mm
Weight:	-

Status 08.12.2020

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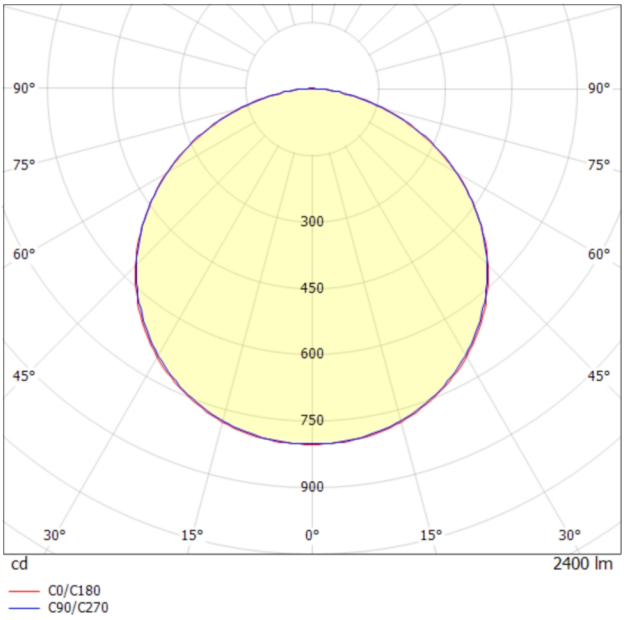
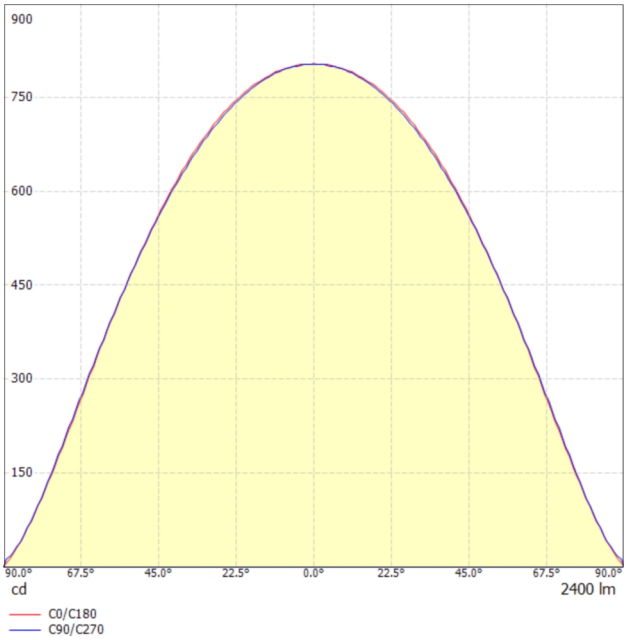
Light output 1 (LED 3000K - CRI 90):

Lamp type:	LED
Lamp power:	23 W
Total luminous flux:	2400 lm
Light efficiency:	104.3 lm/W
CCT:	3000 K
CRI:	90
Light distribution:	(Symmetrical) Wide flood (half value angle 45°…125°)





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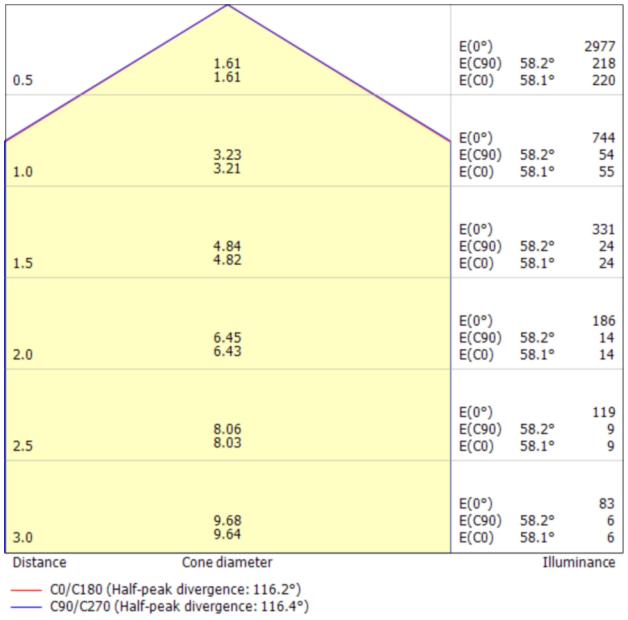

Glare evaluation according to UGR

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	33.1	34.4	33.4	34.7	34.9	33.1	34.5	33.4	34.7	34.9
2H	3H	34.7	35.9	35.0	36.2	36.4	34.7	35.9	35.0	36.2	36.5
2H	4H	35.3	36.4	35.7	36.7	37.0	35.3	36.5	35.7	36.8	37.1
2H	6H	35.8	36.8	36.1	37.1	37.4	35.8	36.9	36.2	37.2	37.5
2H	8H	35.9	36.9	36.3	37.2	37.6	35.9	37.0	36.3	37.3	37.6
2H	12H	36.0	37.0	36.4	37.3	37.6	36.0	37.0	36.4	37.3	37.7
4H	2H	33.8	34.9	34.2	35.2	35.5	33.8	35.0	34.2	35.2	35.5
4H	3H	35.6	36.5	35.9	36.9	37.2	35.6	36.6	36.0	36.9	37.3
4H	4H	36.3	37.2	36.7	37.5	37.9	36.4	37.2	36.8	37.6	38.0
4H	6H	36.9	37.6	37.3	38.0	38.4	36.9	37.7	37.4	38.1	38.5
4H	8H	37.1	37.8	37.5	38.2	38.6	37.1	37.8	37.6	38.2	38.6
4H	12H	37.2	37.8	37.7	38.3	38.7	37.3	37.9	37.7	38.3	38.8
8H	4H	36.6	37.3	37.1	37.7	38.1	36.7	37.4	37.1	37.8	38.2
8H	6H	37.3	37.9	37.8	38.3	38.8	37.4	37.9	37.8	38.4	38.8
8H	8H	37.6	38.1	38.1	38.6	39.0	37.6	38.1	38.1	38.6	39.1
8H	12H	37.8	38.2	38.3	38.7	39.2	37.8	38.3	38.3	38.7	39.3
12H	4H	36.6	37.3	37.1	37.7	38.1	36.7	37.3	37.1	37.7	38.2
12H	6H	37.4	37.9	37.9	38.3	38.8	37.4	37.9	37.9	38.4	38.9
12H	8H	37.7	38.1	38.2	38.6	39.1	37.7	38.2	38.2	38.6	39.2

Variation of the observer position for the luminaire distances S

S = 1.0H	+0.1 / -0.1	+0.1 / -0.1
S = 1.5H	+0.2 / -0.3	+0.2 / -0.3
S = 2.0H	+0.4 / -0.7	+0.4 / -0.6
Standard table	BK06	BK06
Correction summand	20.5	20.5

Correction glare indices referring to 2400lm total luminous flux

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