

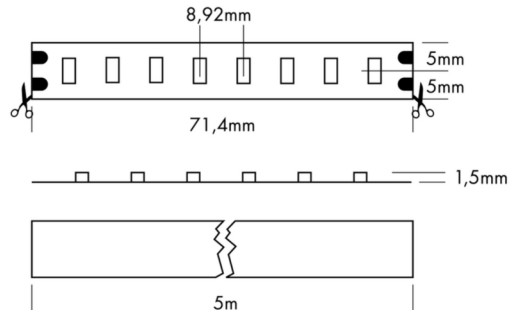
Data sheet

L6810806HL - Flex Strip 5630 HE+ Mono - WW

PROLED®

Article name: Flex Strip 5630 HE+ Mono - WW

Article number: L6810806HL



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.

- High efficiency (> 150 lumen per Watt)
- 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

Adjustability: Fixed

Controllability: Dimmable

Safety: IP20

Temperature range: -10...45 °C

Lifetime: 50.000 h at L80B10

Electric:

System power: 19 W

Current: 24 V

Safety class: 3

EEL: A++ - A

UGR: 34.84

Shape and dimensions:

Length: 1000 mm

Width: 10 mm

Height: 2 mm

Weight: -

Status 08.12.2020

Technical amendments and errors reserved.

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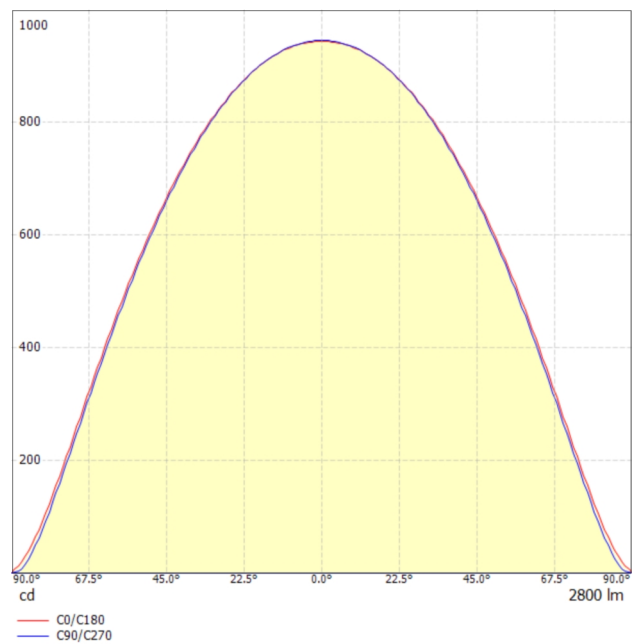
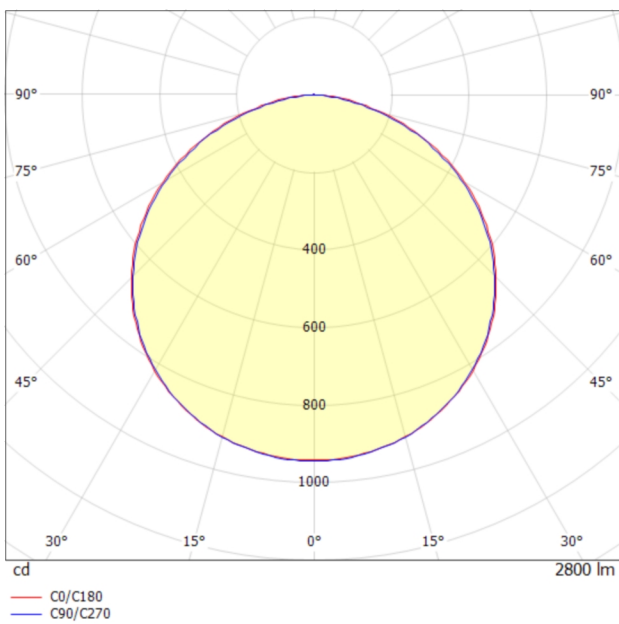
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Light output 1 (LED 3000K - CRI 90):

Lamp type:	LED
Lamp power:	19 W
Total luminous flux:	2800 lm
Light efficiency:	147.4 lm/W
CCT:	3000 K
CRI:	90
Light distribution:	(Symmetrical) Wide flood (half value angle 45° ... 125°)



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0.5	1.59	E(0°) 3967 E(C90) 57.9° 299 E(C0) 58.6° 281
	1.64	
1.0	3.19	E(0°) 992 E(C90) 57.9° 75 E(C0) 58.6° 70
	3.28	
1.5	4.78	E(0°) 441 E(C90) 57.9° 33 E(C0) 58.6° 31
	4.91	
2.0	6.38	E(0°) 248 E(C90) 57.9° 19 E(C0) 58.6° 18
	6.55	
2.5	7.97	E(0°) 159 E(C90) 57.9° 12 E(C0) 58.6° 11
	8.19	
3.0	9.56	E(0°) 110 E(C90) 57.9° 8 E(C0) 58.6° 8
	9.83	

Distance Cone diameter Illuminance

— C0/C180 (Half-peak divergence: 117.2°)
— C90/C270 (Half-peak divergence: 115.8°)

Glare evaluation according to UGR

ρ Ceiling	70	70	50	50	30	30	70	70	50	50	30	30
ρ Walls	50	30	50	30	30	30	50	30	50	30	30	30
ρ Floor	20	20	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	3H	4H	6H	8H	12H	2H	3H	4H	6H	8H
2H	2H	31.0	32.4	31.3	32.6	32.8	31.0	32.3	31.2	32.5	32.8	31.0
2H	3H	32.6	33.8	32.9	34.1	34.3	32.5	33.7	32.8	34.0	34.2	32.5
2H	4H	33.2	34.3	33.5	34.6	34.9	33.0	34.2	33.4	34.5	34.8	33.0
2H	6H	33.6	34.7	34.0	35.0	35.3	33.4	34.4	33.7	34.7	35.1	33.4
2H	8H	33.7	34.7	34.1	35.0	35.4	33.5	34.5	33.8	34.8	35.1	33.5
2H	12H	33.8	34.7	34.1	35.1	35.4	33.5	34.4	33.8	34.8	35.1	33.5
4H	2H	31.7	32.8	32.1	33.1	33.4	31.7	32.8	32.0	33.1	33.4	31.7
4H	3H	33.5	34.4	33.8	34.8	35.1	33.4	34.3	33.7	34.7	35.0	33.4
4H	4H	34.2	35.0	34.6	35.4	35.8	34.0	34.9	34.4	35.2	35.6	34.0
4H	6H	34.7	35.4	35.1	35.8	36.2	34.5	35.2	34.9	35.6	36.0	34.5
4H	8H	34.8	35.5	35.3	35.9	36.3	34.6	35.3	35.0	35.7	36.1	34.6
4H	12H	34.9	35.5	35.4	36.0	36.4	34.6	35.2	35.1	35.7	36.1	34.6
8H	4H	34.4	35.1	34.9	35.5	35.9	34.3	35.0	34.8	35.4	35.8	34.3
8H	6H	35.1	35.6	35.5	36.1	36.5	34.9	35.4	35.3	35.9	36.3	34.9
8H	8H	35.3	35.8	35.8	36.2	36.7	35.0	35.5	35.5	36.0	36.5	35.0
8H	12H	35.4	35.8	35.9	36.3	36.8	35.1	35.5	35.6	36.0	36.5	35.1
12H	4H	34.5	35.1	34.9	35.5	35.9	34.3	35.0	34.8	35.4	35.8	34.3
12H	6H	35.1	35.6	35.6	36.0	36.5	34.9	35.4	35.4	35.9	36.3	34.9
12H	8H	35.3	35.8	35.8	36.2	36.7	35.1	35.5	35.6	36.0	36.5	35.1

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 / -0.4
S = 2.0H	+0.4 / -0.7	+0.4 / -0.7

Standard table	BK05	BK05
Correction summand	17.7	17.6

Correction glare indices referring to 2800lm total luminous flux