

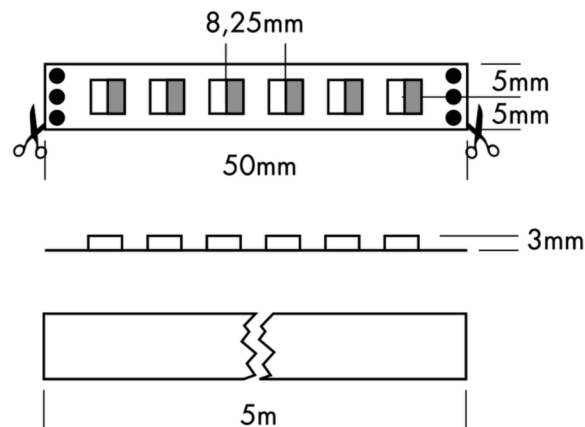
Data sheet

L68248002G - Flex Strip IP53 Dynamic White 80 2-in-1 2G

PROLED®

Article name: Flex Strip IP53 Dynamic White 80 2-in-1 2G

Article number: L68248002G



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. With the DYNAMIC WHITE STRIP the color temperature is continuously adjustable from 3000K to 5700K.

- 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, adjustable color temperature, 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:	19 W
Controllability:	Dimmable	Current:	24 V
Safety:	IP53	Safety class:	3
Temperature range:	-10...45 °C	EEL:	F
Lifetime:	50.000 h at L80B10	UGR:	-

Shape and dimensions:

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

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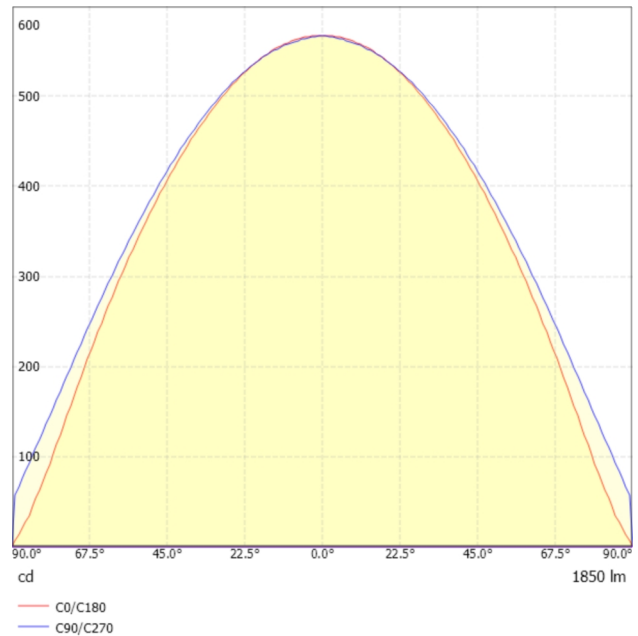
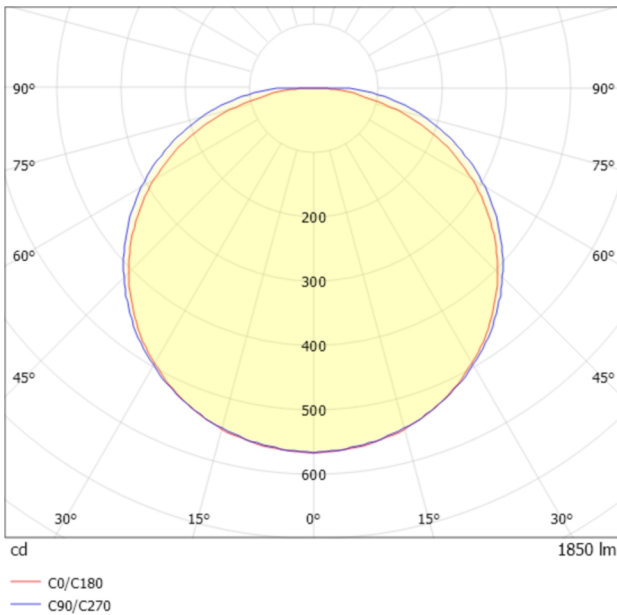
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Light output 1 (LED 3000K - CRI80):

Lamp type:	LED
Lamp power:	9 W
Total luminous flux:	900 lm
Light efficiency:	100 lm/W
CCT:	3000 K
CRI:	-
Light distribution:	(Symmetrical) Wide flood (half value angle 45° ...125°)

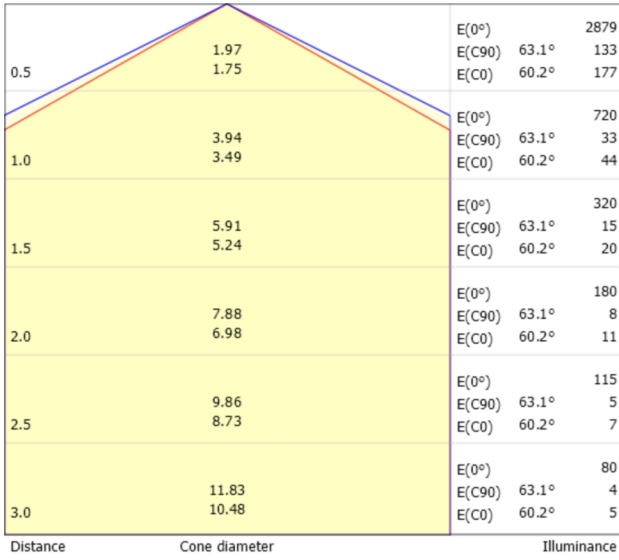
Light output 2 (LED 5700K - CRI80):

Lamp type:	LED
Lamp power:	9 W
Total luminous flux:	950 lm
Light efficiency:	105.6 lm/W
CCT:	5700 K
CRI:	-
Light distribution:	(Symmetrical) Wide flood (half value angle 45° ...125°)



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— C0/C180 (Half-peak divergence: 120.4°)
— C90/C270 (Half-peak divergence: 126.2°)

Glare evaluation according to UGR

	70	70	50	50	30	70	70	50	50	30
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	4H	6H	8H	12H	2H	4H	6H	8H	12H
2H	2H	2H	32.4	33.7	32.8	34.1	34.5	32.7	34.0	33.1	34.3	34.7
2H	3H	2H	34.2	35.3	34.6	35.7	36.2	34.7	35.8	35.1	36.2	36.7
2H	4H	2H	34.9	36.0	35.3	36.4	36.9	35.6	36.7	36.1	37.2	37.6
2H	6H	2H	35.4	36.4	35.9	36.9	37.3	36.5	37.6	37.0	38.0	38.5
2H	8H	2H	35.6	36.6	36.1	37.0	37.5	37.0	38.0	37.5	38.4	38.9
2H	12H	2H	35.7	36.6	36.2	37.1	37.6	37.4	38.3	37.9	38.8	39.3
4H	2H	4H	33.2	34.3	33.6	34.7	35.2	33.4	34.5	33.8	34.9	35.4
4H	3H	4H	35.1	36.1	35.6	36.5	37.1	35.6	36.5	36.1	37.0	37.5
4H	4H	4H	36.0	36.8	36.5	37.3	37.9	36.7	37.5	37.2	38.0	38.5
4H	6H	4H	36.7	37.4	37.2	37.9	38.5	37.7	38.5	38.3	39.0	39.6
4H	8H	4H	36.9	37.6	37.5	38.1	38.7	38.3	38.9	38.8	39.5	40.1
4H	12H	4H	37.1	37.7	37.7	38.2	38.8	38.8	39.4	39.4	40.0	40.6
8H	4H	8H	36.5	37.1	37.0	37.7	38.2	37.0	37.7	37.6	38.2	38.8
8H	6H	8H	37.3	37.9	37.9	38.4	39.1	38.3	38.8	38.9	39.4	40.0
8H	8H	8H	37.7	38.2	38.3	38.7	39.4	38.9	39.4	39.5	40.0	40.6
8H	12H	8H	37.9	38.4	38.5	39.0	39.6	39.6	40.0	40.2	40.6	41.3
12H	4H	12H	36.5	37.1	37.1	37.7	38.3	37.1	37.7	37.6	38.2	38.8
12H	6H	12H	37.5	38.0	38.1	38.5	39.2	38.4	38.9	39.0	39.5	40.1
12H	8H	12H	37.9	38.3	38.5	38.9	39.6	39.1	39.5	39.7	40.1	40.8

Variation of the observer position for the luminaire distances S

Correction command	+0.21, 0	+0.22, 0.1
S = 1.5H	+0.17, 0.1	+0.17, 0.1
Standard table	+0.16, 0.3	+0.16, 0.2
Correction indices referring to 1850lm total luminous flux	+0.16, 0.3	+0.16, 0.2

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