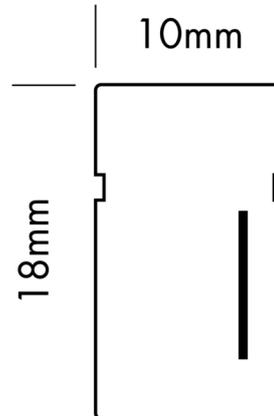


Data sheet

L6OP4362G - Flex Strip Opal Liverpool Mono 2G - UWW

PROLED®

Article name: Flex Strip Opal Liverpool Mono 2G - UWW
Article number: L6OP4362G



Article description:

The PROLED FLEX STRIPS OPAL are perfect for outline illumination or homogeneous light lines (e.g. for fair or shop applications,..). Due to their shallow design and the individually adaptable lengths the PROLED FLEX STRIPS OPAL offer a wide spectrum of application possibilities.

- High flexibility - adaptable to round shapes.
- Homogeneous illumination (no visible light spots).
- Installation with aluminium profile or special glue.
- 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: IP54

Temperature range: -10...45 °C

Lifetime: 50.000 h at L80B10

Electric:

System power: 14,4 W

Current: 24 V

Safety class: 3

EEL: F

UGR: 25,06

Shape and dimensions:

Length: 1000 mm

Width: 10 mm

Height: 18 mm

Weight: -

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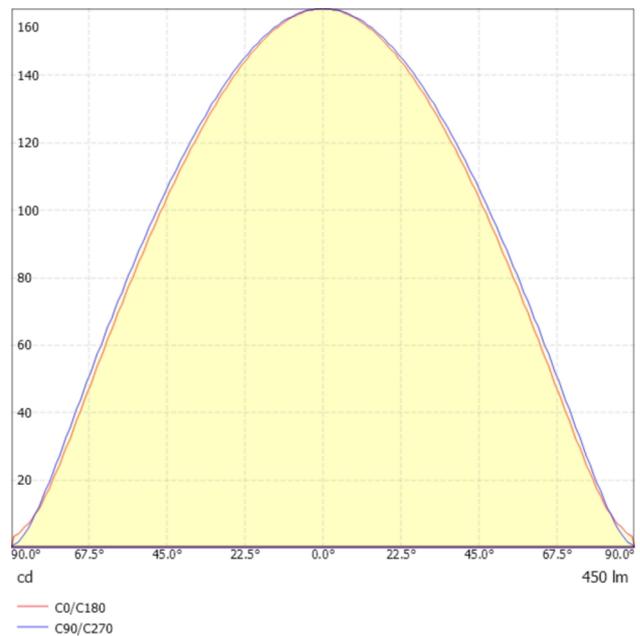
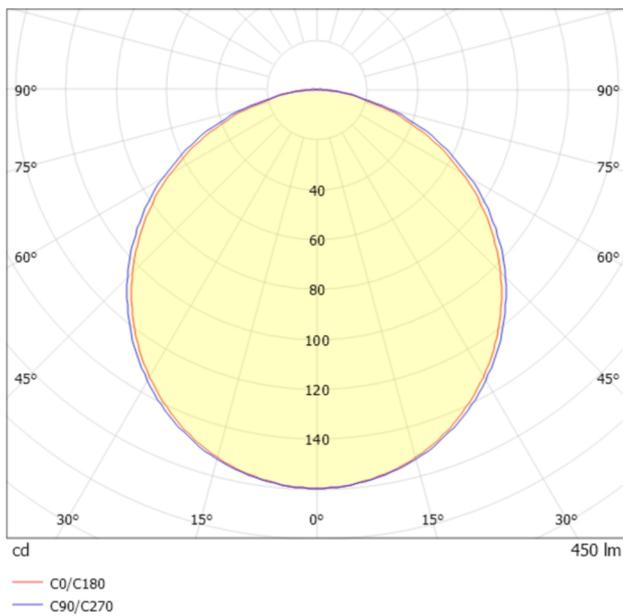
MBN GmbH | Balthasar-Schaller-Str. 3 | 86316 Friedberg | Germany

Phone +49.821.60099-0 | Fax +49.821.60099-99

info@proled.com | proled.com

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

Lamp type:	LED
Lamp power:	14 W
Total luminous flux:	450 lm
Light efficiency:	32.1 lm/W
CCT:	2400 K
CRI:	-
Light distribution:	(Symmetrical) Wide flood (half value angle 45° ... 125°)



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0.5	1.50 1.42	E(0°)	629
		E(C90)	56.3° 54
		E(C0)	54.9° 60
1.0	3.00 2.85	E(0°)	157
		E(C90)	56.3° 13
		E(C0)	54.9° 15
1.5	4.50 4.27	E(0°)	70
		E(C90)	56.3° 6
		E(C0)	54.9° 7
2.0	6.00 5.69	E(0°)	39
		E(C90)	56.3° 3
		E(C0)	54.9° 4
2.5	7.50 7.11	E(0°)	25
		E(C90)	56.3° 2
		E(C0)	54.9° 2
3.0	9.00 8.54	E(0°)	17
		E(C90)	56.3° 1
		E(C0)	54.9° 2

Distance Cone diameter Illuminance

— C0/C180 (Half-peak divergence: 109.8°)
— C90/C270 (Half-peak divergence: 112.6°)

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	21.6	22.9	21.9	23.2	23.4	21.8	23.1	22.1	23.4	23.6
2H	3H	23.1	24.3	23.4	24.6	24.9	23.4	24.6	23.7	24.8	25.1
2H	4H	23.7	24.8	24.0	25.1	25.4	24.0	25.1	24.3	25.4	25.7
2H	6H	24.0	25.1	24.4	25.4	25.7	24.4	25.4	24.7	25.7	26.1
2H	8H	24.1	25.1	24.5	25.5	25.8	24.5	25.5	24.9	25.8	26.1
2H	12H	24.2	25.2	24.6	25.5	25.8	24.5	25.5	24.9	25.8	26.2
4H	2H	22.3	23.4	22.7	23.7	24.0	22.5	23.6	22.8	23.9	24.2
4H	3H	24.0	24.9	24.4	25.3	25.6	24.2	25.2	24.6	25.5	25.8
4H	4H	24.7	25.5	25.1	25.9	26.2	24.9	25.8	25.3	26.1	26.5
4H	6H	25.1	25.9	25.6	26.3	26.7	25.4	26.2	25.9	26.6	27.0
4H	8H	25.3	26.0	25.7	26.4	26.8	25.6	26.3	26.0	26.7	27.1
4H	12H	25.4	26.0	25.9	26.4	26.9	25.7	26.3	26.1	26.7	27.2
8H	4H	24.9	25.6	25.4	26.0	26.5	25.2	25.9	25.6	26.3	26.7
8H	6H	25.5	26.1	26.0	26.5	27.0	25.8	26.4	26.3	26.8	27.3
8H	8H	25.8	26.2	26.3	26.7	27.2	26.0	26.5	26.5	27.0	27.5
8H	12H	25.9	26.4	26.4	26.8	27.3	26.2	26.6	26.7	27.1	27.6
12H	4H	25.0	25.6	25.4	26.0	26.4	25.2	25.8	25.7	26.2	26.7
12H	6H	25.6	26.1	26.1	26.5	27.0	25.9	26.3	26.4	26.8	27.3
12H	8H	25.8	26.3	26.3	26.7	27.3	26.1	26.5	26.6	27.0	27.5

Variation of the observer position for the luminaire distances S

Correction summand	+0.2	+0.5
S = 1.5H	-0.1	-0.1
Standard table	+0.4	+0.3
Correction summands referring to 450lm/m² luminous flux	+0.5	+0.3

State 02.11.2022

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