

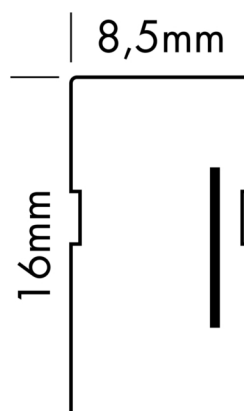
Data sheet

L6OP1362G - Flex Strip Opal London 2G - UWW

PROLED®

Article name: Flex Strip Opal London 2G - UWW

Article number: L6OP1362G



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: 16 W

Current: 24 V

Safety class: 3

EEL: F

UGR: -

Shape and dimensions:

Length: 1000 mm

Width: 9 mm

Height: 16 mm

Weight: -

State 02.11.2022

Technical amendments and errors reserved.

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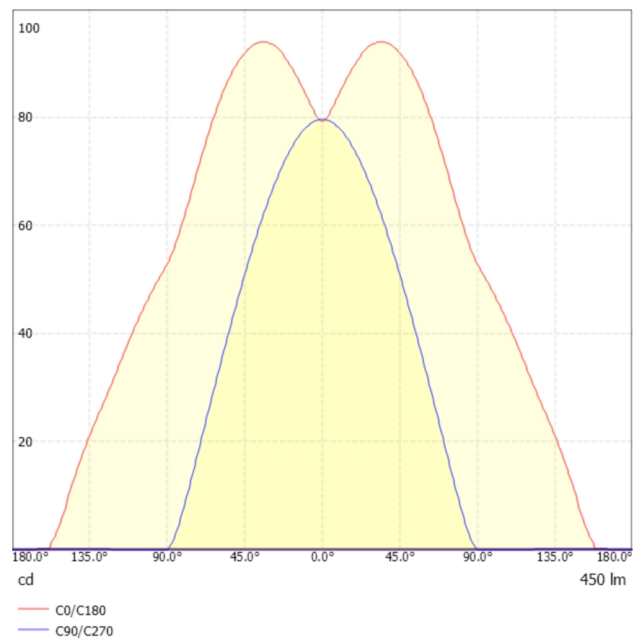
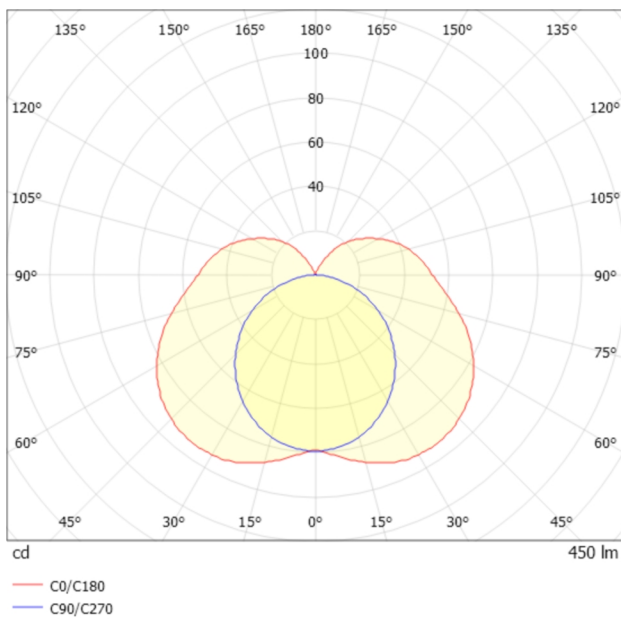
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Light output 1 (LED 2400K - CRI 90):

Lamp type:	LED
Lamp power:	16 W
Total luminous flux:	450 lm
Light efficiency:	28.1 lm/W
CCT:	2400 K
CRI:	-
Light distribution:	(Symmetrical) Wide flood (half value angle 45° ...125°)



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Distance	Cone diameter	Illuminance
0.5	1.40 16331778728383800.00	E(0°) 317 E(C90) 54.5° 31 E(C0) 90.0° 0
1.0	2.80 32663557456767700.00	E(0°) 79 E(C90) 54.5° 8 E(C0) 90.0° 0
1.5	4.21 48995336185151500.00	E(0°) 35 E(C90) 54.5° 3 E(C0) 90.0° 0
2.0	5.61 65327114913535400.00	E(0°) 20 E(C90) 54.5° 2 E(C0) 90.0° 0
2.5	7.01 81658893641919200.00	E(0°) 13 E(C90) 54.5° 1 E(C0) 90.0° 0
3.0	8.41 97990672370303100.00	E(0°) 9 E(C90) 54.5° 1 E(C0) 90.0° 0

— C0/C180 (Half-peak divergence: 180.0°)
— C90/C270 (Half-peak divergence: 109.0°)

Glare evaluation according to UGR

p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size	Viewing direction at \square right angles to lamp axis						Viewing direction \square parallel to lamp axis				
	X	Y									
2H	2H	19.5	20.7	20.1	21.3	22.0	17.5	18.7	18.0	19.2	19.9
2H	3H	21.8	22.9	22.4	23.5	24.2	19.0	20.1	19.6	20.7	21.4
2H	4H	23.0	24.0	23.6	24.7	25.4	19.6	20.6	20.2	21.3	22.0
2H	6H	24.1	25.1	24.8	25.7	26.5	20.0	21.0	20.7	21.6	22.4
2H	8H	24.7	25.6	25.3	26.3	27.0	20.1	21.1	20.8	21.7	22.5
2H	12H	25.2	26.1	25.9	26.8	27.6	20.2	21.1	20.9	21.8	22.5
4H	2H	20.0	21.0	20.6	21.7	22.4	18.5	19.5	19.1	20.1	20.9
4H	3H	22.5	23.4	23.2	24.1	24.8	20.2	21.1	20.9	21.8	22.6
4H	4H	23.8	24.6	24.5	25.3	26.1	21.0	21.8	21.7	22.5	23.3
4H	6H	25.2	25.9	25.9	26.6	27.4	21.6	22.3	22.3	23.0	23.8
4H	8H	25.8	26.5	26.5	27.2	28.0	21.8	22.5	22.5	23.2	24.0
4H	12H	26.5	27.1	27.2	27.8	28.7	21.9	22.5	22.7	23.3	24.1
8H	4H	24.1	24.7	24.8	25.4	26.3	21.7	22.4	22.4	23.1	23.9
8H	6H	25.6	26.1	26.3	26.9	27.8	22.6	23.1	23.3	23.9	24.7
8H	8H	26.4	26.9	27.2	27.7	28.6	22.9	23.4	23.7	24.2	25.1
8H	12H	27.3	27.7	28.0	28.5	29.4	23.2	23.6	24.0	24.4	25.3
12H	4H	24.1	24.7	24.8	25.4	26.3	21.8	22.5	22.6	23.2	24.0
12H	6H	25.7	26.2	26.4	26.9	27.8	22.8	23.3	23.6	24.1	25.0
12H	8H	26.5	27.0	27.3	27.7	28.7	23.3	23.7	24.1	24.5	25.4

Variation of the observer position for the luminaire distances S

Correction summand	$S = 1.5H$	$S = 1.0H$
$+0.11/2$	+0.1	+0.15
$+0.1/0.2$	+0.5	+0.75
Standard table	+0.3	+0.45
Correction summands referring to 450lm/m² luminous flux	+0.95	+1.35

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