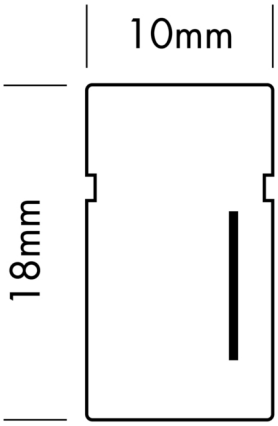
Data sheet

L6OP400D2 - Flex Strip Opal Liverpool Digital-24

Article name: Flex Strip Opal Liverpool Digital-24

Article number: L6OP400D2



Article description:

The PROLED FLEX STRIPS DIGITAL are perfect for pixel applications. With the DiGidot C4 Live or DiGidot C4 Extended controller each segment can be controlled individually.

- Each segment is digital controllable. 3 LEDs per pixel.
- Double data line. By failure of one segment, the data will be passed to the next segment.
- 3 colours in one LED, therefore 100% smooth colour mixing.
- High flexibility – adaptable to round shapes.
- Homogenous illumination (no visible light spots).
- Installation with aluminum profile or special glue.

Technical:

Mounting type:	Surface-mounted on ceiling	**Electric:**	
Adjustability:	Fixed	System power:	12.5 W
Controllability:	Dimmable,Colour adjustable	Current:	24 V
Safety:	IP54	Safety class:	3
Temperature range:	-10...45 °C	EEI:	-
Lifetime:	50.000 h at L80B10	UGR:	-

Shape and dimensions:

Length:	1000 mm
Width:	10 mm
Height:	18 mm
Weight:	-

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Light output 1 (LED Blue):

Lamp type:	LED
Lamp power:	4 W
Total luminous flux:	20 lm
Light efficiency:	5 lm/W
CCT:	-
CRI:	-
Light distribution:	(Symmetrical) Wide flood (half value angle 45°…125°)

Light output 2 (LED Green):

Lamp type:	LED
Lamp power:	4 W
Total luminous flux:	110 lm
Light efficiency:	27.5 lm/W
CCT:	-
CRI:	-
Light distribution:	(Symmetrical) Wide flood (half value angle 45°…125°)

Light output 3 (LED Red):

Lamp type:	LED
Lamp power:	4 W
Total luminous flux:	50 lm
Light efficiency:	12.5 lm/W
CCT:	-
CRI:	-
Light distribution:	(Symmetrical) Wide flood (half value angle 45°…125°)

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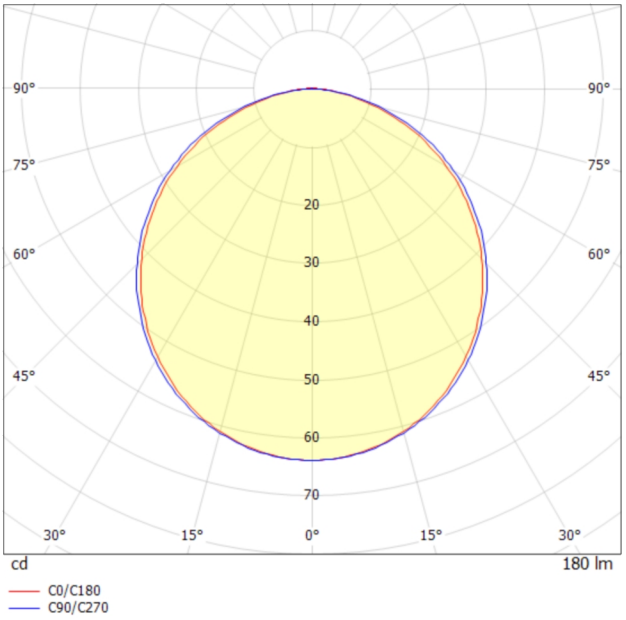

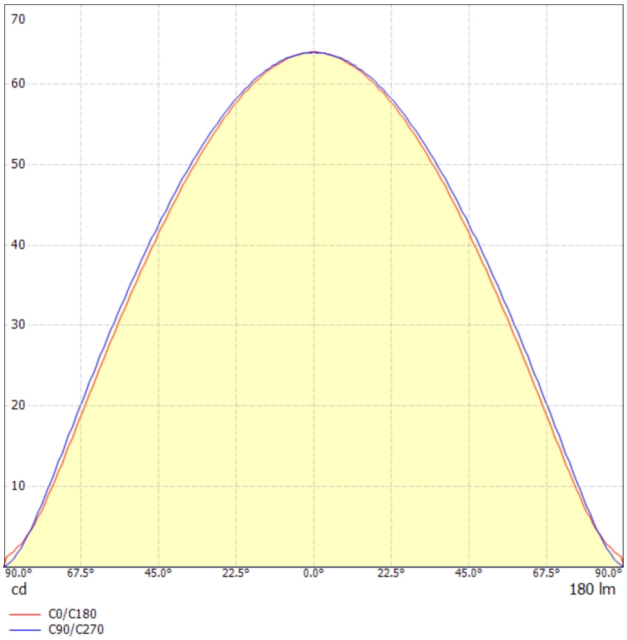

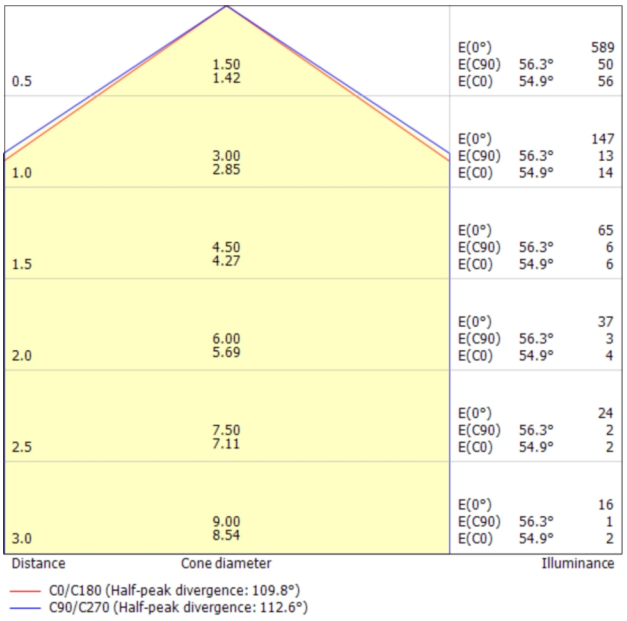

Glare evaluation according to UGR

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	21.4	22.7	21.7	23.0	23.2	21.6	22.9	21.9	23.1	23.4
2H	3H	22.9	24.1	23.2	24.3	24.6	23.1	24.3	23.5	24.6	24.9
2H	4H	23.4	24.6	23.8	24.8	25.2	23.7	24.9	24.1	25.2	25.5
2H	6H	23.8	24.8	24.2	25.2	25.5	24.1	25.2	24.5	25.5	25.8
2H	8H	23.9	24.9	24.3	25.2	25.6	24.3	25.3	24.6	25.6	25.9
2H	12H	24.0	24.9	24.4	25.3	25.6	24.3	25.3	24.7	25.6	25.9
4H	2H	22.1	23.2	22.4	23.5	23.8	22.2	23.4	22.6	23.6	24.0
4H	3H	23.8	24.7	24.1	25.1	25.4	24.0	24.9	24.4	25.3	25.6
4H	4H	24.4	25.3	24.8	25.6	26.0	24.7	25.6	25.1	25.9	26.3
4H	6H	24.9	25.6	25.3	26.0	26.4	25.2	26.0	25.6	26.3	26.8
4H	8H	25.1	25.7	25.5	26.1	26.6	25.4	26.0	25.8	26.4	26.9
4H	12H	25.2	25.8	25.6	26.2	26.7	25.4	26.1	25.9	26.5	26.9
8H	4H	24.7	25.4	25.2	25.8	26.2	25.0	25.6	25.4	26.0	26.5
8H	6H	25.3	25.9	25.8	26.3	26.8	25.6	26.1	26.1	26.6	27.1
8H	8H	25.5	26.0	26.0	26.5	27.0	25.8	26.3	26.3	26.7	27.2
8H	12H	25.7	26.1	26.2	26.6	27.1	25.9	26.3	26.4	26.8	27.3
12H	4H	24.7	25.4	25.2	25.8	26.2	25.0	25.6	25.4	26.0	26.5
12H	6H	25.4	25.9	25.9	26.3	26.8	25.6	26.1	26.1	26.6	27.1
12H	8H	25.6	26.0	26.1	26.5	27.0	25.9	26.3	26.4	26.8	27.3
Variation of the observer position for the luminaire distances S											
S = 1.0H S = 1.5H S = 2.0H		+0.1 / -0.1 +0.3 / -0.4 +0.4 / -0.8					+0.1 / -0.1 +0.2 / -0.3 +0.4 / -0.7				
Standard table		BK05					BK05				
Correction summand		8.0					8.2				
Correction glare indices referring to 180lm total luminous flux											

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