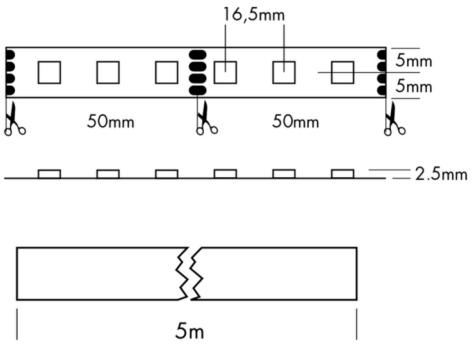
Data sheet

L6806S1 - Flex Strip Digital 60 SEG - 12V

Article name: Flex Strip Digital 60 SEG - 12V

Article number: L6806S1



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.
- Installation with 3M adhesive tape on the strip's backside (self adhesive).

Technical:

Mounting type:	Surface-mounted on ceiling	**Electric:**	
Adjustability:	Fixed	System power:	14.1 W
Controllability:	Dimmable,Colour adjustable	Current:	12 V
Safety:	IP20	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:	3 mm
Weight:	-

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Light output 1 (LED Blue):

Lamp type:	LED
Lamp power:	4 W
Total luminous flux:	60 lm
Light efficiency:	15 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:	280 lm
Light efficiency:	70 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:	120 lm
Light efficiency:	30 lm/W
CCT:	-
CRI:	-
Light distribution:	(Symmetrical) Wide flood (half value angle 45°…125°)

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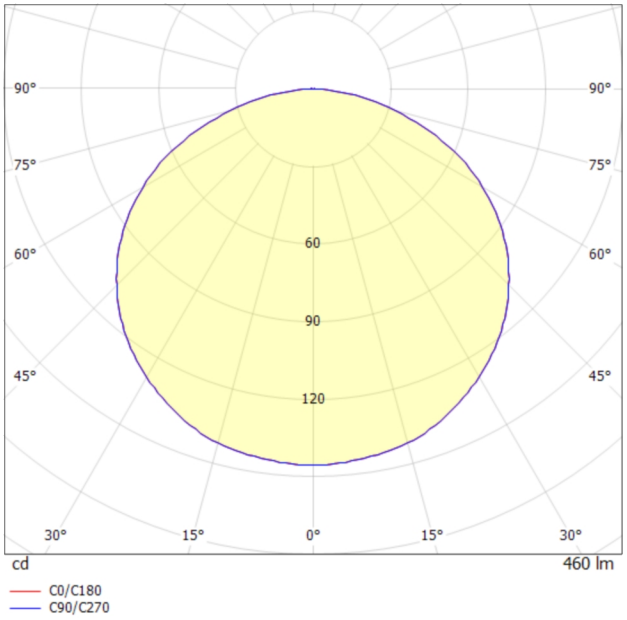

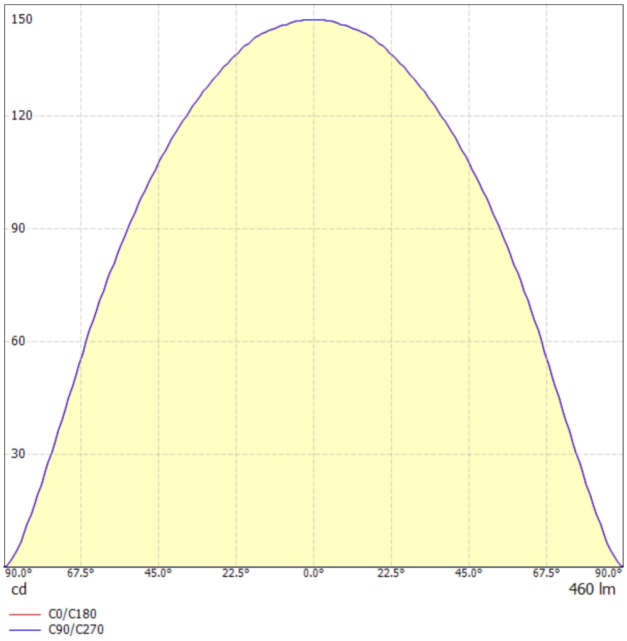

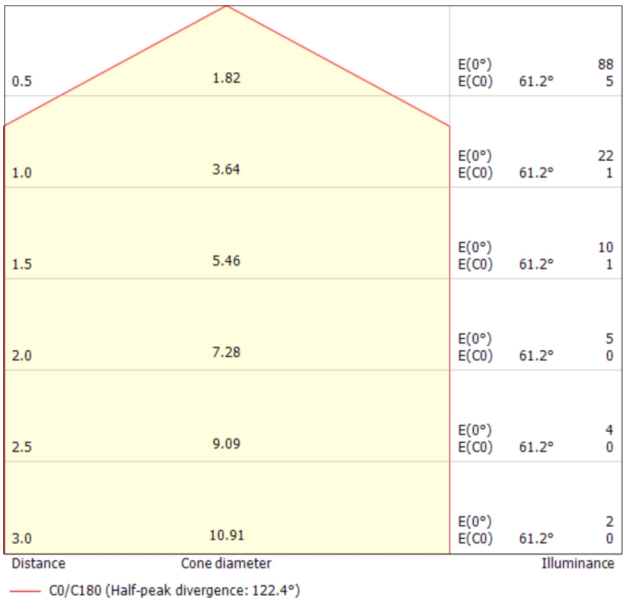

Glare evaluation according to UGR

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	18.1	19.5	18.4	19.7	20.0	18.1	19.5	18.4	19.7	20.0
2H	3H	19.8	21.0	20.1	21.3	21.6	19.8	21.0	20.1	21.3	21.6
2H	4H	20.4	21.6	20.8	21.9	22.2	20.4	21.6	20.8	21.9	22.2
2H	6H	20.9	22.0	21.2	22.3	22.6	20.9	22.0	21.2	22.3	22.6
2H	8H	21.0	22.0	21.4	22.4	22.7	21.0	22.0	21.4	22.4	22.7
2H	12H	21.1	22.0	21.4	22.4	22.7	21.1	22.0	21.4	22.4	22.7
4H	2H	18.8	20.0	19.2	20.3	20.6	18.8	20.0	19.2	20.3	20.6
4H	3H	20.7	21.7	21.1	22.0	22.4	20.7	21.7	21.1	22.0	22.4
4H	4H	21.5	22.3	21.9	22.7	23.1	21.5	22.3	21.9	22.7	23.1
4H	6H	22.0	22.8	22.5	23.2	23.6	22.0	22.8	22.5	23.2	23.6
4H	8H	22.2	22.9	22.6	23.3	23.7	22.2	22.9	22.6	23.3	23.7
4H	12H	22.3	22.9	22.7	23.3	23.8	22.3	22.9	22.7	23.3	23.8
8H	4H	21.8	22.5	22.2	22.9	23.3	21.8	22.5	22.2	22.9	23.3
8H	6H	22.5	23.0	22.9	23.5	23.9	22.5	23.0	22.9	23.5	23.9
8H	8H	22.7	23.2	23.2	23.7	24.2	22.7	23.2	23.2	23.7	24.2
8H	12H	22.8	23.3	23.3	23.8	24.3	22.8	23.3	23.3	23.8	24.3
12H	4H	21.8	22.4	22.2	22.8	23.3	21.8	22.4	22.2	22.8	23.3
12H	6H	22.5	23.0	23.0	23.5	24.0	22.5	23.0	23.0	23.5	24.0
12H	8H	22.8	23.2	23.3	23.7	24.2	22.8	23.2	23.3	23.7	24.2
Variation of the observer position for the luminaire distances S											
S = 1.0H S = 1.5H S = 2.0H		+0.1 / -0.1 +0.2 / -0.3 +0.4 / -0.6					+0.1 / -0.1 +0.2 / -0.3 +0.4 / -0.6				
Standard table		BK06					BK06				
Correction summand		5.5					5.5				
Correction glare indices referring to 460lm total luminous flux											

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