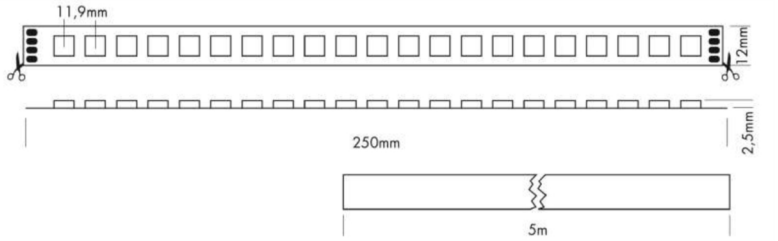
Data sheet

L65D0802G - Flex Strip Dynamic White 2G

Article name:	Flex Strip Dynamic White 2G
Article number:	L65D0802G



Article description:

The PROLED FLEX STRIPS are perfect for indirect lightning, 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 colour temperature is continuously adjustable from 2700K to 6000K.

- High flexibility - adaptable to round shapes.
- Installation with 3M adhesive tape on the strip's backside (self adhesive)
- dimmable, adjustable colour temperature, 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:	IP20
Temperature range:	-10...45 °C
Lifetime:	50.000 h at L80B10

Electric:	
System power:	15.8 W
Current:	24 V
Safety class:	3
EEI:	F
UGR:	-

Shape and dimensions:

Length:	1000 mm
Width:	12 mm
Height:	3 mm
Weight:	-

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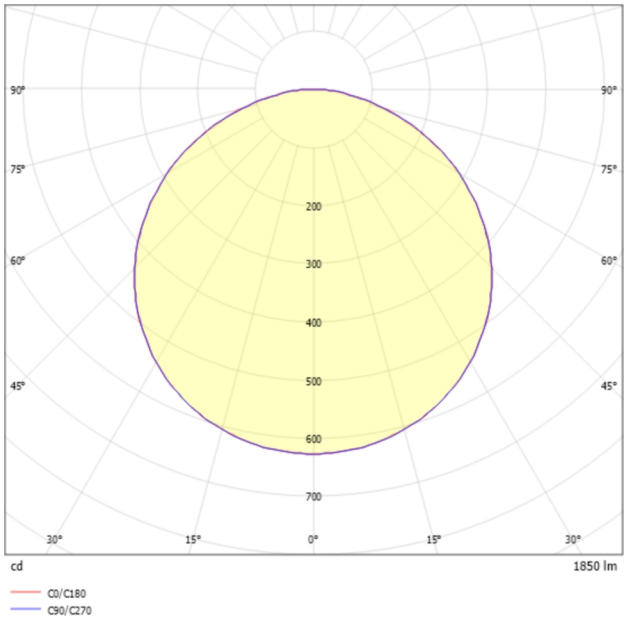
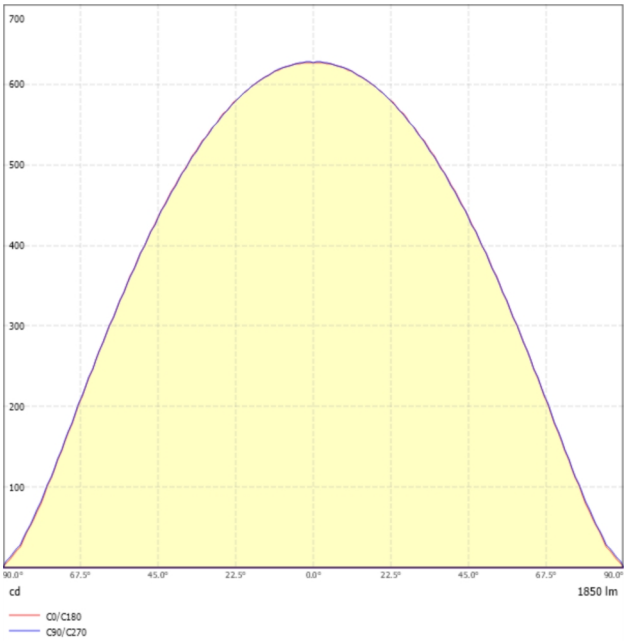
Light output 1 (LED 6000K - CRI 90):

Lamp type:	LED
Lamp power:	5 W
Total luminous flux:	650 lm
Light efficiency:	130 lm/W
CCT:	6000 K
CRI:	90
Light distribution:	(Symmetrical) Wide flood (half value angle 45°…125°)

Light output 2 (LED 2700K - CRI 90):

Lamp type:	LED
Lamp power:	10 W
Total luminous flux:	1200 lm
Light efficiency:	120 lm/W
CCT:	2700 K
CRI:	90
Light distribution:	(Symmetrical) Wide flood (half value angle 45°…125°)





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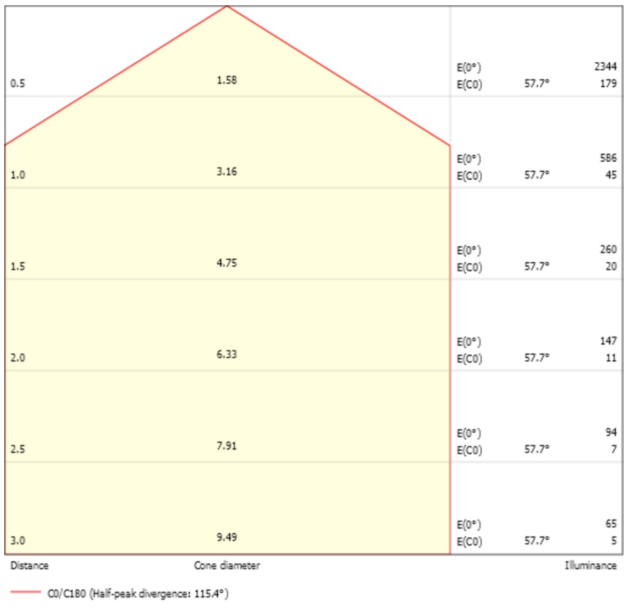

Glare evaluation according to UGR

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	30.6	31.9	30.9	32.2	32.4	30.6	31.9	30.9	32.2	32.4
2H	3H	32.2	33.4	32.5	33.6	33.9	32.2	33.4	32.5	33.6	33.9
2H	4H	32.8	33.9	33.1	34.2	34.5	32.8	33.9	33.1	34.2	34.5
2H	6H	33.2	34.2	33.5	34.5	34.8	33.2	34.3	33.6	34.6	34.9
2H	8H	33.3	34.3	33.7	34.6	34.9	33.3	34.3	33.7	34.7	35.0
2H	12H	33.3	34.3	33.7	34.6	35.0	33.4	34.4	33.8	34.7	35.0
4H	2H	31.3	32.4	31.6	32.7	33.0	31.3	32.4	31.6	32.7	33.0
4H	3H	33.0	34.0	33.4	34.3	34.7	33.0	34.0	33.4	34.3	34.7
4H	4H	33.8	34.6	34.2	35.0	35.3	33.8	34.6	34.2	35.0	35.4
4H	6H	34.3	35.0	34.7	35.4	35.8	34.3	35.1	34.7	35.4	35.9
4H	8H	34.4	35.1	34.9	35.5	36.0	34.5	35.2	34.9	35.6	36.0
4H	12H	34.5	35.2	35.0	35.6	36.0	34.6	35.2	35.1	35.6	36.1
8H	4H	34.0	34.7	34.5	35.1	35.6	34.1	34.8	34.5	35.2	35.6
8H	6H	34.7	35.3	35.2	35.7	36.2	34.7	35.3	35.2	35.7	36.2
8H	8H	34.9	35.4	35.4	35.9	36.4	35.0	35.5	35.5	35.9	36.4
8H	12H	35.1	35.5	35.6	36.0	36.5	35.1	35.6	35.6	36.0	36.5
12H	4H	34.1	34.7	34.5	35.1	35.5	34.1	34.7	34.5	35.1	35.6
12H	6H	34.7	35.2	35.2	35.7	36.2	34.8	35.3	35.3	35.7	36.2
12H	8H	35.0	35.4	35.5	35.9	36.4	35.1	35.5	35.6	36.0	36.5
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 / -0.7					+0.1 / -0.1 +0.2 / -0.3 +0.4 / -0.7				
Standard table		BK06					BK06				
Correction summand		17.8					17.8				
Correction glare indices referring to 1850lm total luminous flux											

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