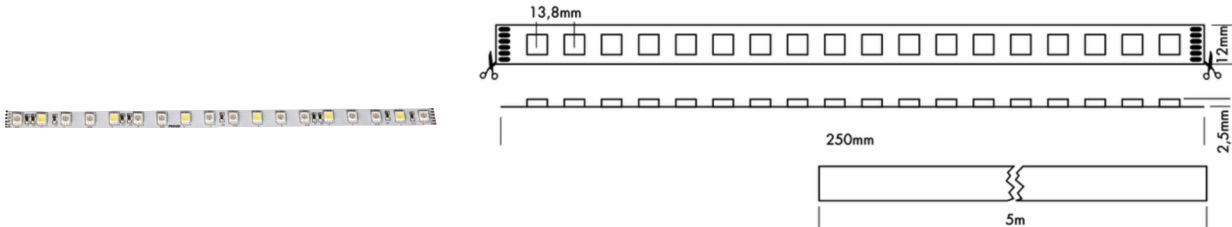


Data sheet

L65D7A26 - Flex Strip RGBAW - SWW

PROLED®

Article name: Flex Strip RGBAW - SWW
Article number: L65D7A26



Article description:

The PROLED FLEX STRIPS are perfect for indirect lighting, 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.

- RGB (3 colours in one LED) + amber + white. Larger colour range, real amber colours and real white possible.
- High flexibility - adaptable to round shapes.
- Installation with 3M adhesive tape on the strip's backside (self adhesive).
- dimmable, autom. colour change, controllable via DMX 512, DALI, KNX, 1-10V, CASAMBI, RF by MULTI power supplies/controller

Technical:

Mounting type:	Surface-mounted on ceiling	Electric:	
Adjustability:	Fixed	System power:	16,2 W
Controllability:	Dimmable	Current:	24 V
Safety:	IP20	Safety class:	3
Temperature range:	-10...45 °C	EEL:	G
Lifetime:	50.000 h at L80B10	UGR:	-

Shape and dimensions:

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

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Light output 1 (LED Red):

Lamp type:	LED
Lamp power:	1.9 W
Total luminous flux:	60 lm
Light efficiency:	31.6 lm/W
CCT:	- K
CRI:	0
Light distribution:	(Symmetrical) Wide flood (half value angle 45°...125°)

Light output 2 (LED Green):

Lamp type:	LED
Lamp power:	2 W
Total luminous flux:	160 lm
Light efficiency:	80 lm/W
CCT:	7247 K
CRI:	0
Light distribution:	(Symmetrical) Wide flood (half value angle 45°...125°)

Light output 3 (LED Blue):

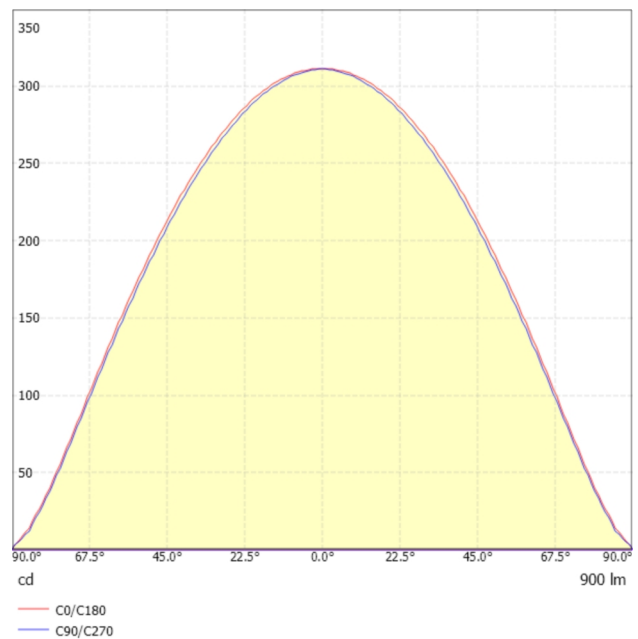
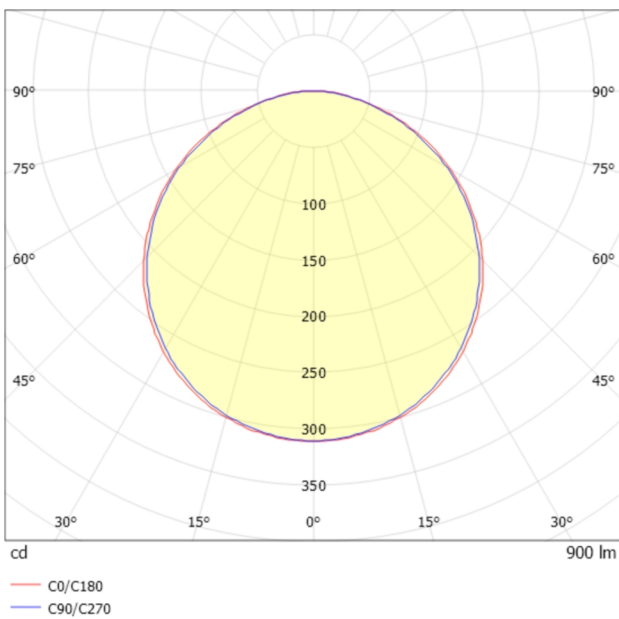
Lamp type:	LED
Lamp power:	1.9 W
Total luminous flux:	30 lm
Light efficiency:	15.8 lm/W
CCT:	- K
CRI:	0
Light distribution:	(Symmetrical) Wide flood (half value angle 45°...125°)

Light output 4 (LED 2700K - CRI 90):

Lamp type:	LED
Lamp power:	5.2 W
Total luminous flux:	500 lm
Light efficiency:	96.2 lm/W
CCT:	2700 K
CRI:	-
Light distribution:	(Symmetrical) Wide flood (half value angle 45°...125°)

Light output 5 (LED Amber):

Lamp type:	LED
Lamp power:	5.2 W
Total luminous flux:	150 lm
Light efficiency:	28.8 lm/W
CCT:	- K
CRI:	0
Light distribution:	(Symmetrical) Wide flood (half value angle 45° ...125°)



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Distance	Cone diameter	Illuminance
0.5	1.51 1.56	E(0°) 851 E(C90) 56.4° 72 E(C0) 57.3° 67
1.0	3.01 3.12	E(0°) 213 E(C90) 56.4° 18 E(C0) 57.3° 17
1.5	4.52 4.67	E(0°) 95 E(C90) 56.4° 8 E(C0) 57.3° 7
2.0	6.02 6.23	E(0°) 53 E(C90) 56.4° 5 E(C0) 57.3° 4
2.5	7.53 7.79	E(0°) 34 E(C90) 56.4° 3 E(C0) 57.3° 3
3.0	9.03 9.35	E(0°) 24 E(C90) 56.4° 2 E(C0) 57.3° 2

— C0/C180 (Half-peak divergence: 114.6°)
— C90/C270 (Half-peak divergence: 112.8°)

Glare evaluation according to UGR

Room size	X	Y	Viewing direction at \square right angles to lamp axis					Viewing direction \square parallel to lamp axis				
p Ceiling	70	70	50	50	30	70	70	50	50	30	30	
p Walls	50	30	50	30	30	50	30	50	30	30	30	
p Floor	20	20	20	20	20	20	20	20	20	20	20	
2H	2H	24.1	25.5	24.4	25.7	26.0	24.0	25.4	24.3	25.6	25.8	
2H	3H	25.7	26.9	26.0	27.2	27.5	25.6	26.8	25.9	27.1	27.3	
2H	4H	26.3	27.5	26.7	27.7	28.0	26.2	27.3	26.5	27.6	27.9	
2H	6H	26.8	27.8	27.1	28.1	28.4	26.6	27.6	26.9	27.9	28.3	
2H	8H	26.9	27.9	27.3	28.2	28.6	26.7	27.7	27.1	28.0	28.4	
2H	12H	27.0	27.9	27.4	28.3	28.6	26.8	27.7	27.1	28.1	28.4	
4H	2H	24.8	25.9	25.2	26.2	26.5	24.7	25.9	25.1	26.2	26.5	
4H	3H	26.6	27.5	27.0	27.9	28.2	26.5	27.4	26.8	27.8	28.1	
4H	4H	27.3	28.2	27.7	28.5	28.9	27.2	28.0	27.6	28.4	28.8	
4H	6H	27.9	28.6	28.3	29.0	29.4	27.7	28.5	28.1	28.8	29.2	
4H	8H	28.0	28.7	28.5	29.1	29.6	27.9	28.6	28.3	29.0	29.4	
4H	12H	28.2	28.8	28.6	29.2	29.6	28.0	28.6	28.4	29.0	29.5	
8H	4H	27.6	28.3	28.0	28.7	29.1	27.5	28.2	27.9	28.6	29.0	
8H	6H	28.3	28.8	28.7	29.3	29.7	28.1	28.7	28.6	29.1	29.6	
8H	8H	28.5	29.0	29.0	29.5	30.0	28.4	28.9	28.9	29.3	29.8	
8H	12H	28.7	29.1	29.2	29.6	30.1	28.5	28.9	29.0	29.4	29.9	
12H	4H	27.6	28.2	28.1	28.7	29.1	27.5	28.1	28.0	28.5	29.0	
12H	6H	28.3	28.8	28.8	29.3	29.8	28.2	28.7	28.7	29.1	29.6	
12H	8H	28.6	29.0	29.1	29.5	30.0	28.5	28.9	29.0	29.4	29.9	

Variation of the observer position for the luminaire distances S

Correction command	$+0.11/\sqrt{0.1}$	$+0.11/\sqrt{0.1}$
Standard table	$+0.11/\sqrt{0.3}$	$+0.11/\sqrt{0.4}$
Correction coefficients referring to 900lm/m² luminous flux	$\times 0.6$	$\times 0.7$

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