

Product features

The LEDLUX linear light insert provides high-quality white light. A close LED arrangement in combination with the specially developed extrusion profile creates an almost homogeneously illuminated surface. The BWF premiumLIGHT® material used in the profile creates a pleasant lighting climate thanks to low glare and high transmission at the same time. The usual "zebra stripes" are eliminated. The LED lines are operated with 48V constant voltage. Dimming is completely flicker free from 1...100% via PWM signals possible through direct signal evaluation on the LED module. Thanks to the circuit topology developed, all LED modules shine with the same brightness and maintain constant brightness over the entire light string. Depending on the constellation, around 25m light line per power supply is possible at level 1, or around 10m at level 2. The ability of the modules to work in a large voltage range means that you are able to run cables between the power supply and light line of up to to lay 100m. Ultrasonically welded end caps and IP67 connectors ensure easy assembly with an overall protection class of IP65, so that LEDLUX can also be used in the protected outdoor area. Depending on the location, two types of clamps are available as accessories: rigid and rotatable. The profile can be inserted into the rotatable clamp in different directions and thus enables an alignment of 360°.

Technical specifications

Protection class	
IP65	
lifespan	L80B10 60,000h @ 25 ° C

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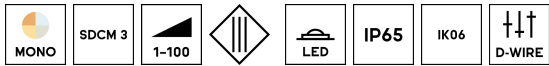


Ambient temperature	L1 / L2: -20 ... + 50 ° C L3: -20 ... + 35 ° C
Storage & transport temperature	-25 ... + 70 ° C
nominal voltage	DC 48 V
Weight	approx. 0.2 kg / m

Housing material	Polycarbonate
Glow wire resistance	850 ° C
Protection class	III
Protection class	IP65
Impact resistance	IK06
Connection type	Connector IP67 Cable length: 80mm
Color fidelity	SDCM 3
Colour reproduction	typ. 92

Dimensions

Further product features



Equipment

Order Code	Description	
DIM DA-PWM LU 1000HZ IP20		
DIM DA-PWM LU 1000HZ IP20 REG		
PSU 48V 30W IP20		
PSU 48V 150W IP20		

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PSU 48V 200W IP20



PSU 48V 200W IP67



PSB 48V 200W DALI-DW IP65



PSB 48V 2x200W DALI-DW IP65



CLF 01



CLP 01



ALTG 3P 48V 1M0 01

VLTG 3P RST16i3
0M5 01



VLTG 3P RST16i3
1M0 01



VLTG 3P RST16i3
2M0 01



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VLTG 3P RST16i3
5M0 01



Additional Information

www.instalighting.de