



Product features

The linear line of light LEDLUX optics delivers high-quality, directional white light. The asymmetrical reflectors specially developed for the installation space and the narrow beam optics direct the light exactly where it is needed. 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	
Ambient temperature		L1 / L2: -25 ... +50°C	
		L3: -25 ... +35°C	
Storage & transport temperature		-25 ... + 70 ° C	
nominal voltage		DC 48 V	
Weight		approx. 0.3 kg / m	
Housing material		Polycarbonate	
Glow wire resistance		850 ° C	
Protection class		III	
Protection class		IP65	
Impact resistance		IK06	

Il op 984 a 940 a2 l3 12062025



Connection type	Connector IP67 Cable length: 80mm
Color fidelity	SDCM 3
Colour reproduction	typ. 92

Dimensions

Further product features



Equipment

Order Code	Description	
CLF 01		
CLP 01		
DIM DA-PWM LU 1000HZ IP20		
DIM DA-PWM LU 1000HZ IP20 REG		
PSU 48V 30W IP20		

Il op 984 a 940 a2 l3 12062025



PSU 48V 150W IP20



PSU 48V 200W IP20



PSU 48V 200W IP67



ALTG 3P 48V 1M0 01

VLTG 3P 48V 0M5 01



VLTG 3P 48V 1M0 01



VLTG 3P 48V 2M0 01



VLTG 3P 48V 5M0 01



PSB 48V 200W DALI-DW IP65



PSB 48V 2x200W DALI-DW IP65



Il op 984 a 940 a2 l3 12062025



50900301



Additional Information

www.instalighting.de