



DATA SHEET

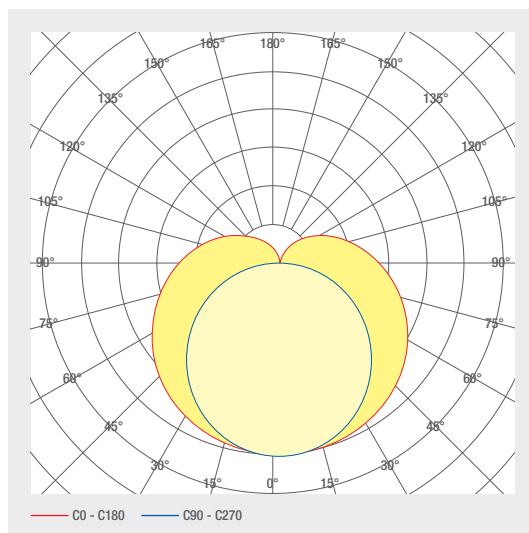
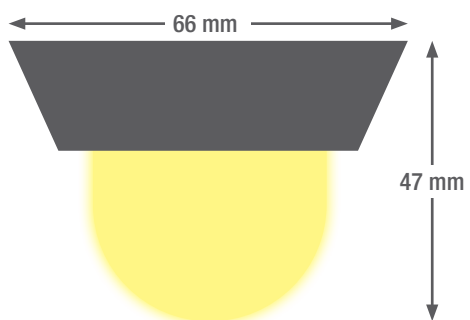
smartUNI EM-ZLN


























A universal LED system luminaire that is compatible with a wide range of strip light systems available on the market with a width of 58 to 65 mm. Consequently, this solution is the ideal replacement for existing 36 W or 58 W T8 fluorescent tubes as part of a refurbishment project. The new universal system luminaire can be easily attached to the existing strip light systems by means of clamps.

- Housing made of sheet steel coated white
- Easy mounting and dismantling
- Energy efficiency: > 140 lm/W
- High-quality components from a European manufacturer that leads the way in quality
- Service life: 50 000 h LM-80 > 50 000 h
- Optional diffusers with 60° or 90° LDC for large room heights
- Optional DALI
- Made in Switzerland

LED- INSERTS

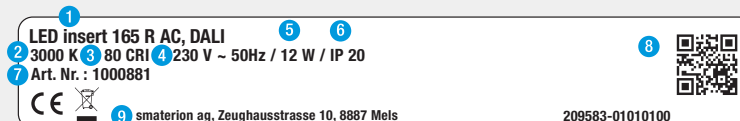
3.42 smartUNI EM-ZLN



ART. NO.	DESIGNATION	CHARACTERISTICS						
1005741-N	smartUNI EM-ZLN 1233	230 VAC INPUT	36 W	4000 K CRI>80	4780 LM			 1H
1005741	smartUNI EM-ZLN 1233	230 VAC INPUT	36 W	4000 K CRI>80	4780 LM			
1005740	smartUNI EM-ZLN 1233	230 VAC INPUT	36 W	4000 K CRI>80	4780 LM			 DALI CONTROL
1005740-N	smartUNI EM-ZLN 1233	230 VAC INPUT	36 W	4000 K CRI>80	4780 LM			 DALI CONTROL  1H
1005738	smartUNI EM-ZLN 1533	230 VAC INPUT	45 W	4000 K CRI>80	5980 LM			 DALI CONTROL
1005738-N	smartUNI EM-ZLN 1533	230 VAC INPUT	45 W	4000 K CRI>80	5980 LM			 DALI CONTROL  1H
1005739-N	smartUNI EM-ZLN 1533	230 VAC INPUT	45 W	4000 K CRI>80	5980 LM			  1H
1005739	smartUNI EM-ZLN 1533	230 VAC INPUT	45 W	4000 K CRI>80	5980 LM			

Technical data

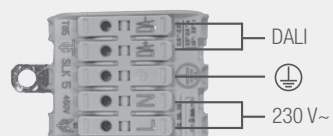
Storage temperature	-40 ... +65 °C
Max. surface temperature	65 °C
Shock rating	IK06
Protection type (IP)	IP40
Ambient temperature ta	25 °C



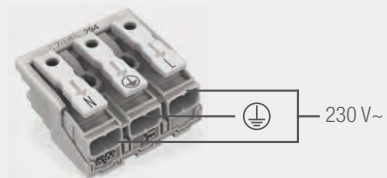
- | | |
|--------------------------------------|---|
| 1 Product description | 7 Item number |
| 2 Color temperature, e.g. 3000K | 8 QR code with unique identification ID |
| 3 Color rendering index, e.g. 80 CRI | 9 Manufacturer address |
| 4 Voltage, e.g. 230 V ~ | |
| 5 Power, e.g. 12 W | |
| 6 IP protection, e.g. IP20 | |

Electrical connection

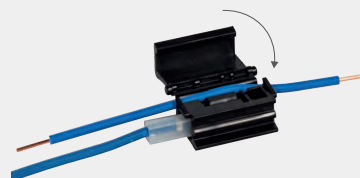
DALI



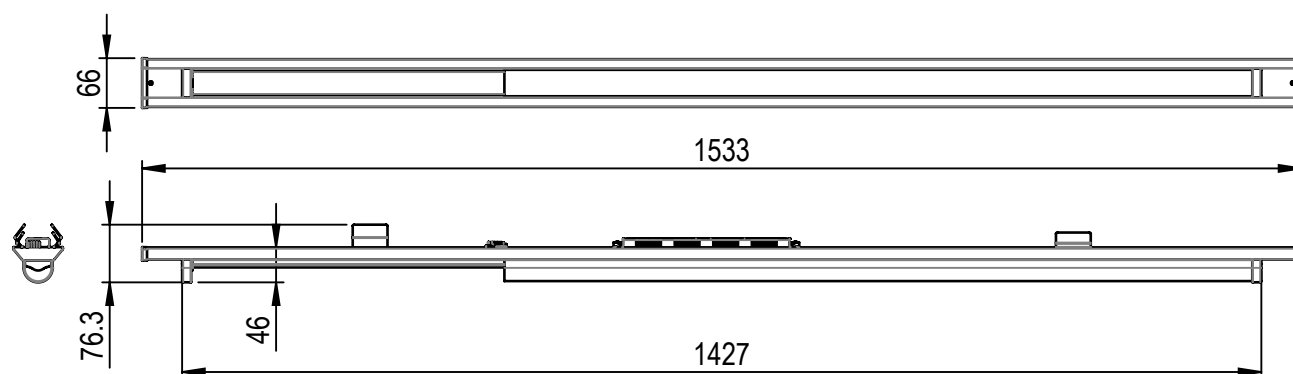
ON/OFF



CLIP

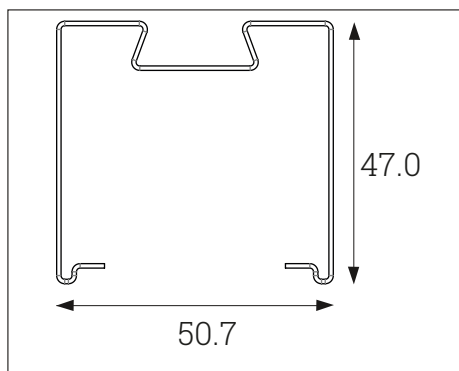


Dimensions

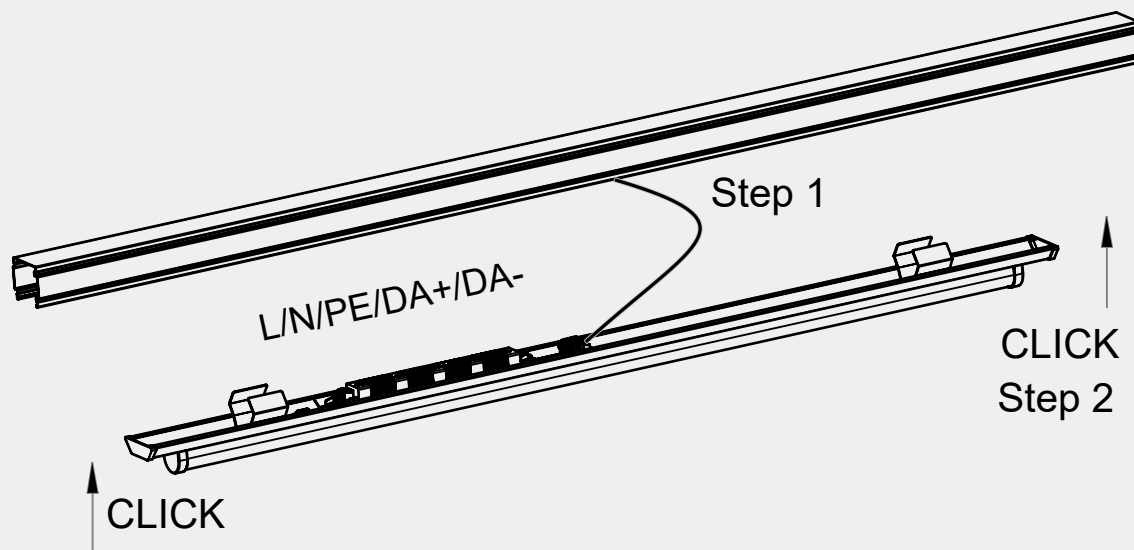


Dimensions

System: Zumtobel
Model: ZLN



Assembly instructions




Cleaning and care


If, for any reason, the LED modules need to be cleaned, chemicalsolvents or cleaning agents must not be used under any circumstances. To avoid damaging the module, care must be takennot to exert any pressure on the electronic components.For this reason, we recommend the use of dusting brushes or soft cloths.

Warnings


The equipment may only be installed and put into service by authorised technical personnel (electrical fitters). The luminaire is designed solely for lighting applications and is to be installed according to the installation regulations. Any other form of use or installation is considered to be improper. Failure to comply with the installation instructions can damage the luminaire beyond repair. Return to the manufacturer if any defects are identified. The installation instructions must be retained for future reference. Subject to technical changes. Not to be installed on a wet or conductive substrate. The luminaire is only to be installed, put into service or modified in any way by authorised skilled personnel (a qualified electrician). National installation regulations must be observed. Before any work is performed on the luminaire, it must be disconnected from mains. Hot plug-in is not an option and may cause damage to the luminaire! The manufacturer is not liable for damage resulting from improper/faulty installation or operation, or from unauthorised modifications to the luminaire. The light source contained in this luminaire is only to be replaced by the manufacturer, a service technician authorised by the manufacturer or a similarly qualified person. Caution, risk of electric shock! In the event of questions or queries, please contact the manufacturer.



Disconnect the luminaire from the power supply.




Caution, risk of electric shock!




DISPOSAL

The packaging must be recycled via the DSD (Green Dot) scheme or its equivalent. Dispose of the packaging correctly sorted. Waste electrical and electronic equipment must never be disposed of together with household waste. In accordance with the EU directives, the device must be disposed of in an orderly manner at the end of its service life. This means having the materials contained in the device recycled to avoid polluting the environment. Take the waste equipment to a collection point for electrical and electronic waste or to a recycling depot. For further information, please contact your local waste disposal service or your local authority.



The LED board(s) can only be replaced by smarterion as the manufacturer. Please do not attempt to replace the components yourself, as this will void the warranty and CE conformity.



The power supply can only be replaced by smarterion as the manufacturer. Please do not attempt to replace the components yourself, as this will void the warranty and CE conformity.

If the luminaire insert is installed in a metal housing, it is essential to ensure that the luminaire housing must also be earthed and not just the luminaire insert.

IP40

Protected against ingress of solid foreign objects with a diameter of more than 1 mm.



Class I luminaires with earth connector. It is absolutely essential to earth the luminaire housing.