



DATA SHEET

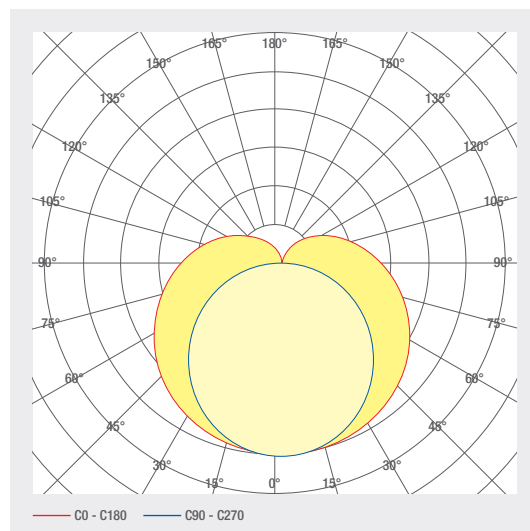
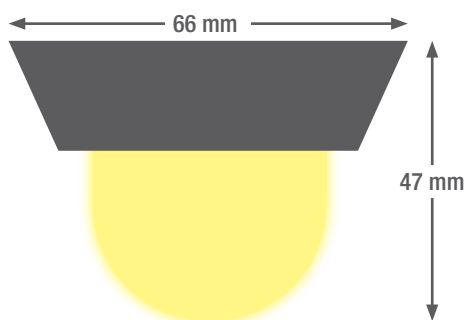
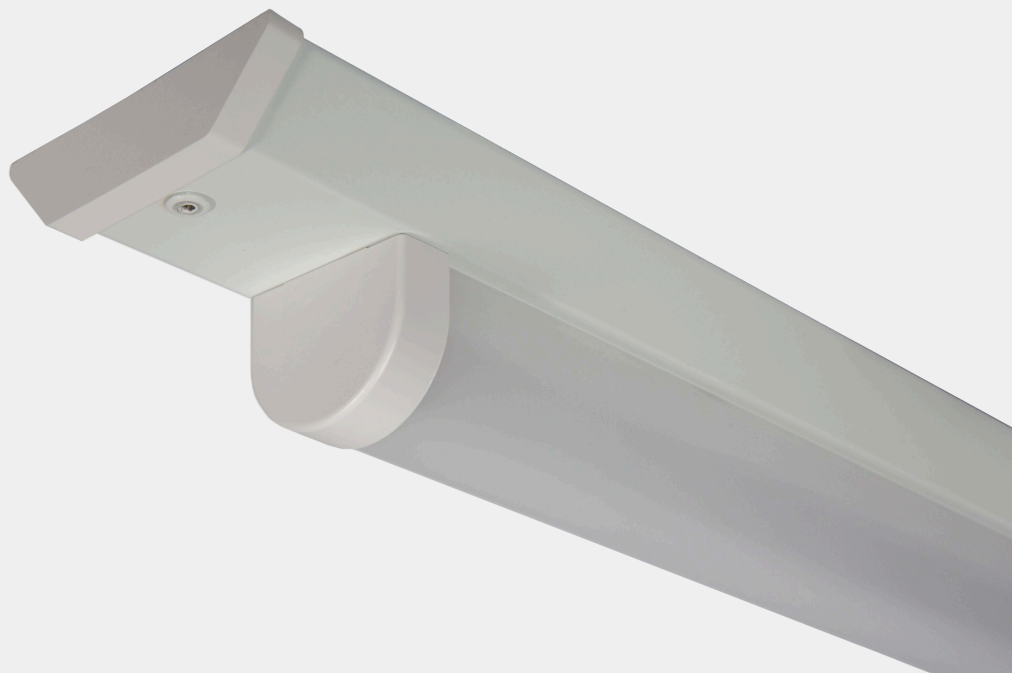
smartUNI EM





















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

3.40 smartUNI EM



ART. NO.	DESIGNATION	CHARACTERISTICS					
1005153	smartUNI EM 1233 (T8)	230 VAC INPUT	25 W	4000 K CRI>80	3500 LM	 A ↑ G	
1005154	smartUNI EM 1233 (T8)	230 VAC INPUT	36 W	4000 K CRI>80	4780 LM	 A ↑ G	DALI CONTROL
1007648	smartUNI EM 1533 (T8)	230 VAC INPUT	32 W	3000 K CRI>80	4190 LM	 A ↑ G	
1005156	smartUNI EM 1533 (T8)	230 VAC INPUT	32 W	4000 K CRI>80	4400 LM	 A ↑ G	
1005155	smartUNI EM 1533 (T8)	230 VAC INPUT	45 W	4000 K CRI>80	5980 LM	 A ↑ G	DALI CONTROL
1005153-N	smartUNI EM 1233 (T8)	230 VAC INPUT	25 W	4000 K CRI>80	3500 LM	 A ↑ G	 1H
1007306	smartUNI EM 1163 (T5)	230 VAC INPUT	25 W	4000 K CRI>80	3500 LM	 A ↑ G	
1007307	smartUNI EM 1463 (T5)	230 VAC INPUT	32 W	4000 K CRI>80	4400 LM	 A ↑ G	
1005156-N	smartUNI EM 1533 (T8)	230 VAC INPUT	32 W	4000 K CRI>80	4400 LM	 A ↑ G	 1H
1005154-N	smartUNI EM 1233 (T8)	230 VAC INPUT	36 W	4000 K CRI>80	4780 LM	 A ↑ G	DALI CONTROL  1H
1007303	smartUNI EM 1163 (T5)	230 VAC INPUT	36 W	4000 K CRI>80	4780 LM	 A ↑ G	DALI CONTROL
1005155-N	smartUNI EM 1533 (T8)	230 VAC INPUT	45 W	4000 K CRI>80	5980 LM	 A ↑ G	DALI CONTROL  1H
1007298	smartUNI EM 1463 (T5)	230 VAC INPUT	45 W	4000 K CRI>80	5980 LM	 A ↑ G	DALI CONTROL
1008240	smartUNI EM 1533 (T8)	230 VAC INPUT	45 W	6500 K CRI>80	4400 LM	 A ↑ G	
1008240-N	smartUNI EM 1533 (T8)	230 VAC INPUT	45 W	6500 K CRI>80	4400 LM	 A ↑ G	 1H

Technical data

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

1

LED insert 165 R AC, DALI

2

3000 K

3

80 CRI

4

230 V ~ 50Hz / 12 W / IP 20

5

6

7

Art. Nr.: 1000881

8



9

smaterion ag, Zeughausstrasse 10, 8887 Mels

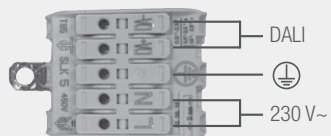
209583-01010100

- 1 Product description
- 2 Color temperature, e.g. 3000K
- 3 Color rendering index, e.g. 80 CRI
- 4 Voltage, e.g. 230 V ~
- 5 Power, e.g. 12 W
- 6 IP protection, e.g. IP20

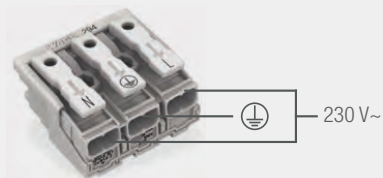
- 7 Item number
- 8 QR code with unique identification ID
- 9 Manufacturer address

Electrical connection

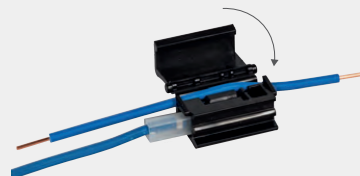
DALI



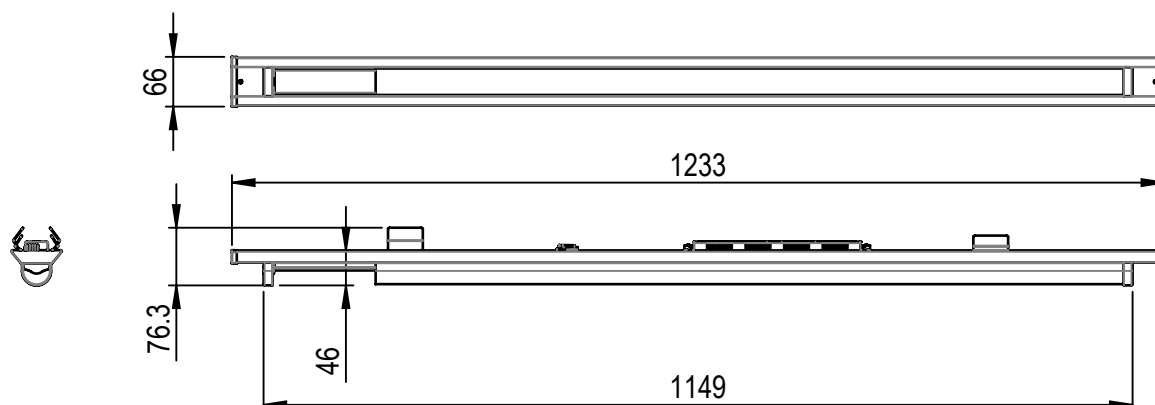
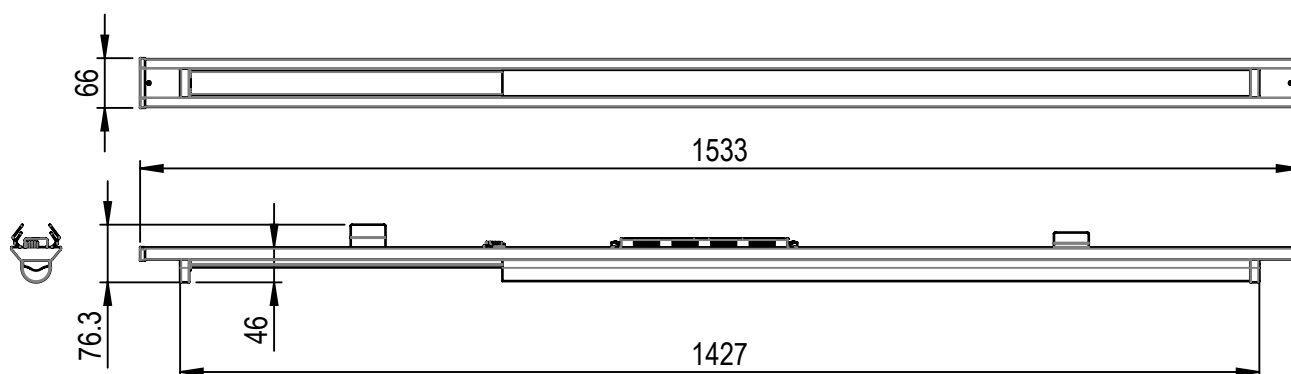
ON/OFF



CLIP

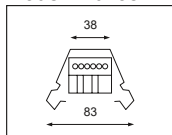


Dimensions

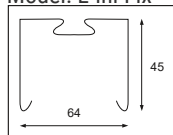


Dimensionen

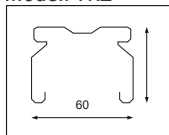
System: AEG
Model: Maxos



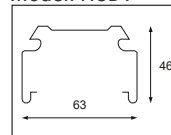
System: Fluora
Model: L ini-Fix



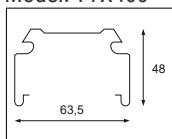
System: Fluolite
Model: TRZ



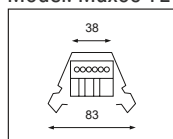
System: Newlec
Model: HSDT



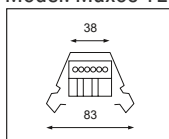
System: Philips
Model: TTX400



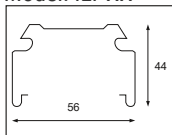
System: Philips
Model: Maxos TL-5



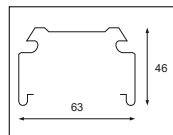
System: Philips
Model: Maxos TL-D



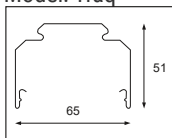
System: Regiolux
Model: ILT XX



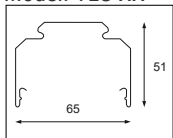
System: Regiolux
Model: SDT



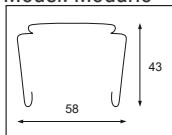
System: Regent
Model: Traq



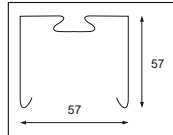
System: Ridi
Model: VLG XX



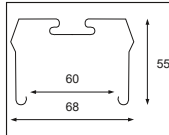
System: Siteco
Model: Modario



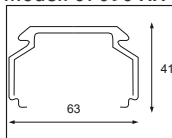
System: Siteco
Model: 5LJ80 XX



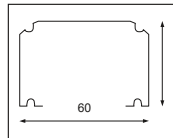
System: Siteco
Model: DUR



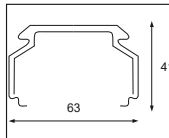
System: Trilux
Model: 07690 XX



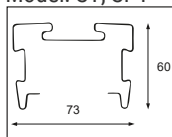
System: Trilux
Model: 7910S/7920S



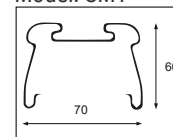
System: Trilux
Model: 07650 XX



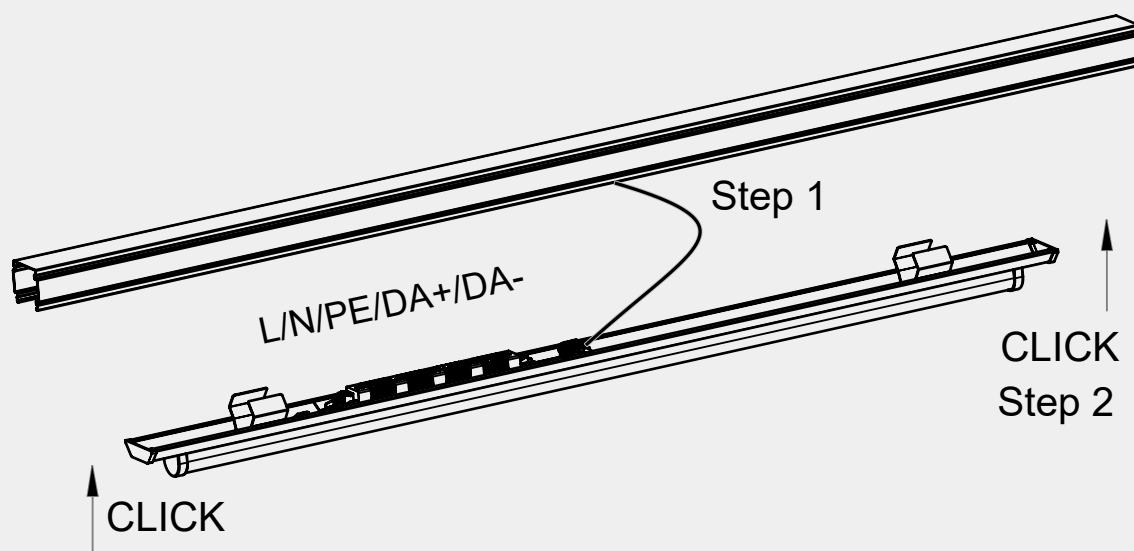
System: Regiolux
Model: ST, SPT



System: Regiolux
Model: SMT



Assembly instructions

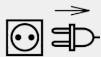


Cleaning and care

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.