



DATA SHEET

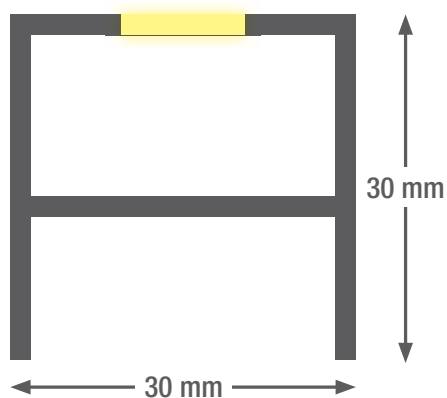
smartLENS

An elegant, high-quality LED light line made from anodised aluminium that meets the highest demands. Thanks to its variable length, the light line can be used as a single luminaire or as a strip light. The mounting brackets are concealed and are even height-adjustable to compensate for uneven ceilings. Thanks to the functional design, through-wiring can be routed within the profile. A variety of different individual lenses can be fitted. This line is absolutely ideal for wall washing applications or to achieve perfect illumination in modern architectural settings.

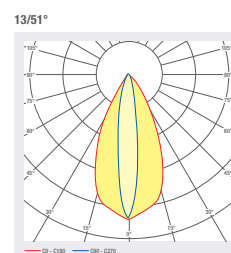
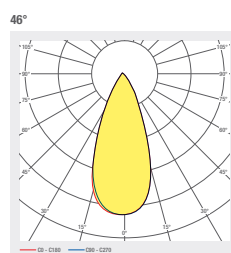
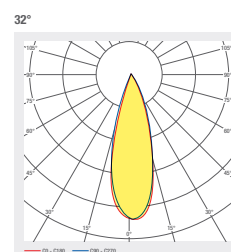
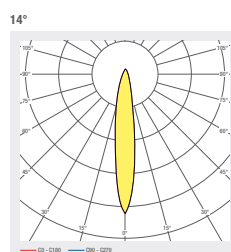
- Anodised aluminium channel
- Definable cable tap
- Optic 14°, 32°, 46° and 13/51° asymmetric available
- Die-cast aluminium end caps, painted in profile colour, no visible screws
- Service life: 50 000 h LM-80 > 50 000 h
- Light colors: 2700 K / 3000 K / 4000 K / 6500 K / TW / RGB(W)
- Control gear to be placed externally
- Halogen-free connection cable
- Optional: RAL or NCS powder coating
- Point light profile

LED SYSTEMS

1.270 smartLENS



Profile length up to 5 m one-piece, greater than 5 m multi-piece



ART. NO.	DESIGNATION	CHARACTERISTICS				
1003908	smartLENS 3030	24 V DC INPUT	30.3 W/M	RGBW 6500 K	25 LED/M	
1003271	smartLENS 3030	24 V DC INPUT	25 W/M	2700 K CRI>80	25 LED/M	D A ↑ G
1003290	smartLENS 3030	24 V DC INPUT	58.9 W/M	2700 K CRI>80	25 LED/M	D A ↑ G
1003291	smartLENS 3030	24 V DC INPUT	42.8 W/M	2700 K CRI>80	25 LED/M	D A ↑ G
1003297	smartLENS 3030	24 V DC INPUT	58.9 W/M	3000 K CRI>80	25 LED/M	D A ↑ G
1003272	smartLENS 3030	24 V DC INPUT	25 W/M	3000 K CRI>80	25 LED/M	D A ↑ G
1003296	smartLENS 3030	24 V DC INPUT	42.8 W/M	3000 K CRI>80	25 LED/M	D A ↑ G
1003273	smartLENS 3030	24 V DC INPUT	25 W/M	4000 K CRI>80	25 LED/M	D A ↑ G
1003299	smartLENS 3030	24 V DC INPUT	58.9 W/M	4000 K CRI>80	25 LED/M	D A ↑ G
1003298	smartLENS 3030	24 V DC INPUT	42.8 W/M	4000 K CRI>80	25 LED/M	D A ↑ G

Accessories



Art. No.
1005886



Art. No.
1001220

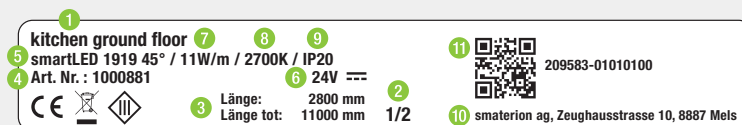


Art. No.
1000989

ART. NO.	DESIGNATION
1005886	Mounting bracket
1001220	Mounting bracket swivel
1000989	Floor profile 3030 V2.0 / U6030, anodised aluminium
2002095	IP65 protective coating
2002092	Transparent encapsulation, IP67

Technical data

Storage temperature	-30 ... +40 °C
Max. surface temperature	75 °C
Shock rating	IK03
Protection type (IP)	IP20
Ambient temperature t_a	25 °C
Service life L80B10 (h) @ $t_a = 25^\circ\text{C}$	50000 h



- 1 Position, e.g. kitchen
- 2 Profile part for multi-part lengths, e.g. $\frac{1}{3}$, $\frac{2}{3}$, $\frac{3}{3}$
- 3 Length profile
- 4 Item number
- 5 Profile type, e.g. smartLED 1216
- 6 Voltage, e.g. 24 V
- 7 Power, e.g. 23W/m
- 8 Color temperature, e.g. 3000K
- 9 IP protection, e.g. IP20
- 10 Manufacturer address
- 11 QR code with unique identification ID

Electrical connection



1: V+
2: V-



1: V+
2: WW(-)
3: CW(-)

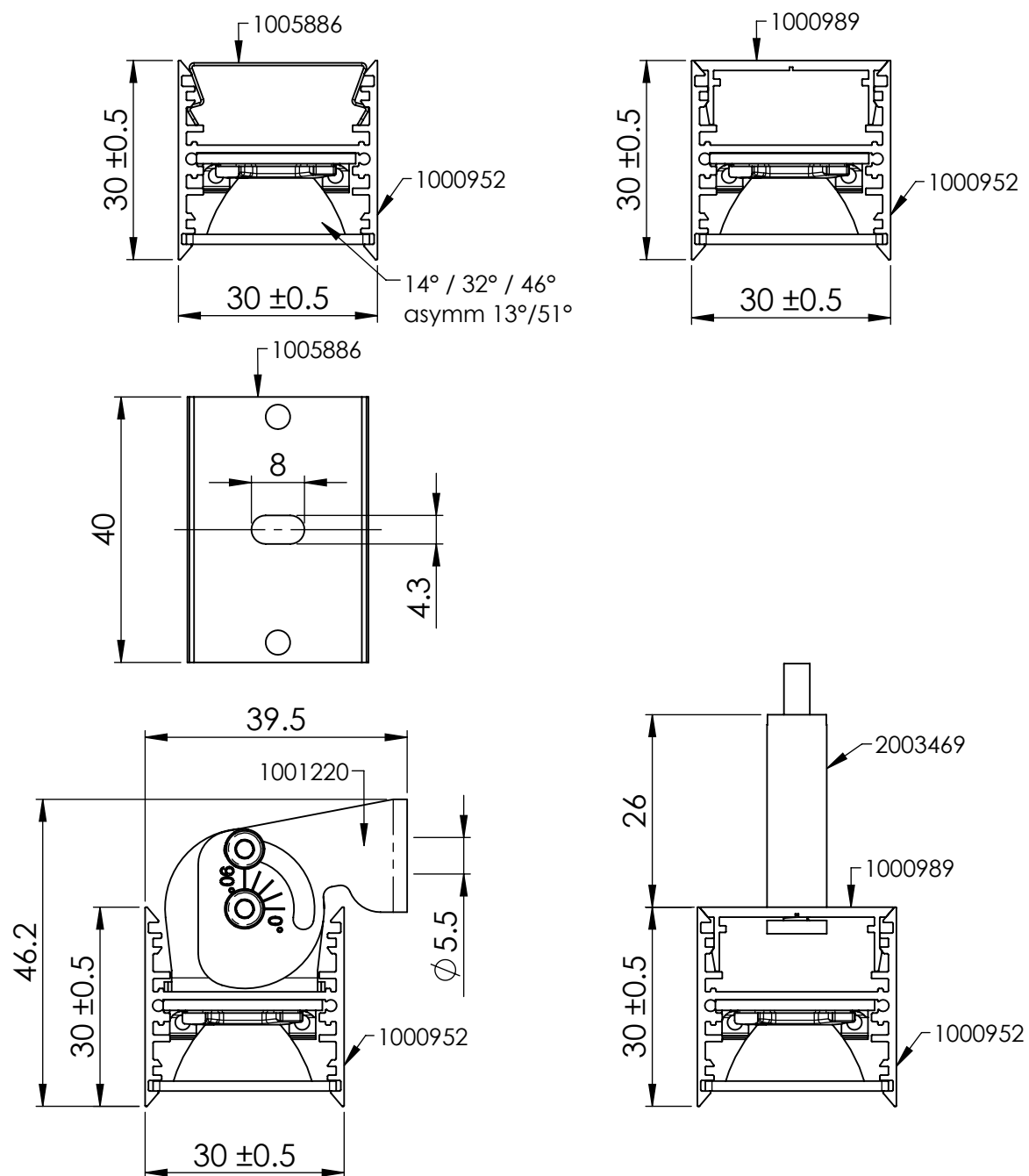


1: V+ 3: G(-)
2: B(-) 4: R(-)



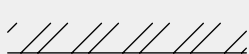
1: V+ 4: R(-)
2: B(-) 5: W(-)
3: G(-)

Dimensions



Assembly instructions

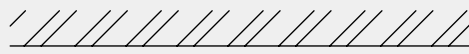
Step 1



Step 2



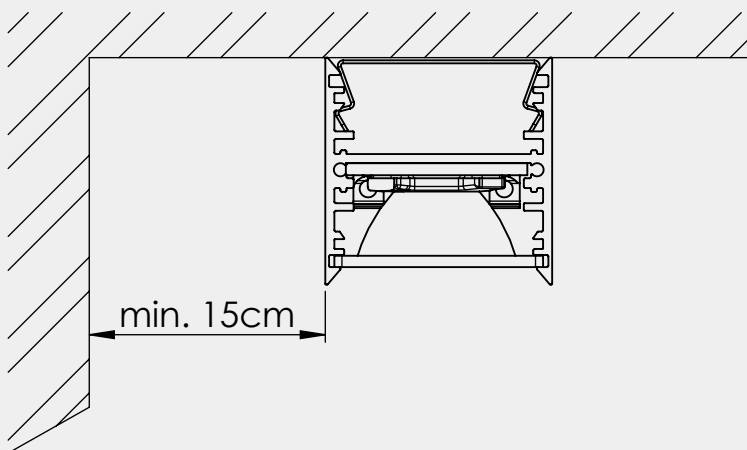
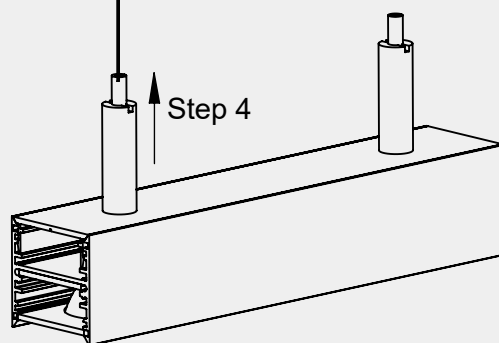
CLICK



Step 3



Step 4



min. 15cm

A minimum clearance of 15 cm should be observed in relation to the wall; otherwise, the light pattern will not be completely uniform.

Cleaning and care

Wipe the luminaire clean using a damp, lint-free cloth. Do not scrub! If heavily soiled, wipe clean with a mild solution of warm soapy water (microfibre cloth and washing-up liquid). Do not use a scouring agent. Do not rub the luminaire dry, as the resulting static may damage the electronic components beyond repair.

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 smarтерion as the manufacturer. Please do not attempt to replace the components yourself, as this will void the warranty and CE conformity.

IP20

Protected against ingress of solid foreign objects with a diameter of more than 12.5 mm.



Class III luminaires for operation at safety extra-low voltage (SELV)