

DATA SHEET

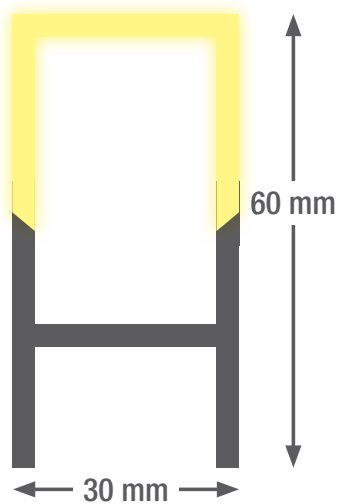
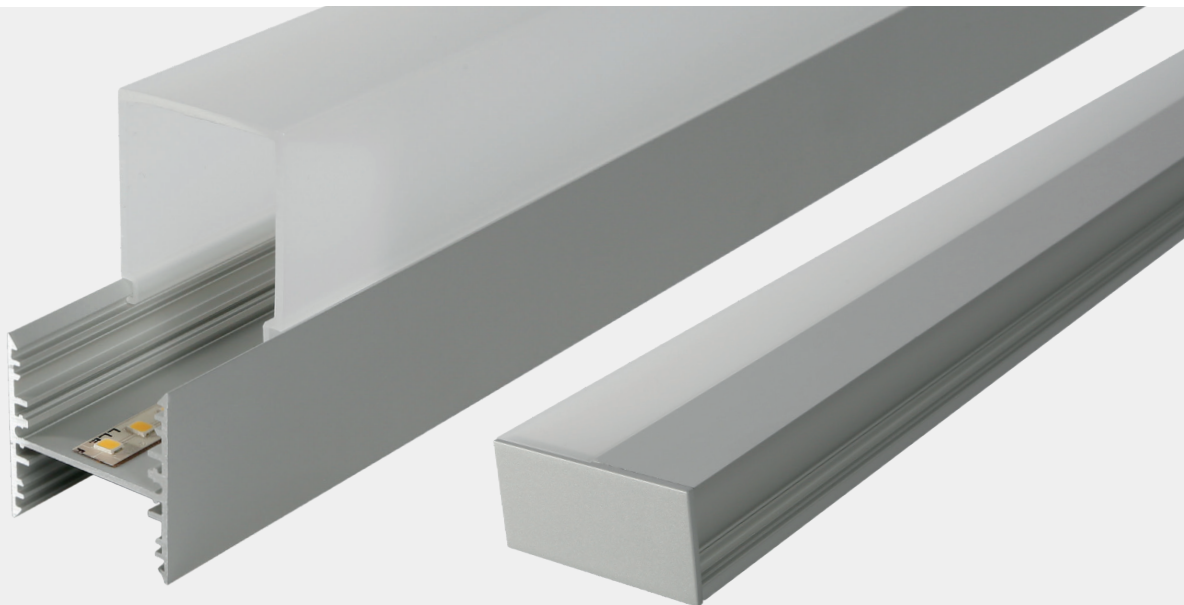
smartLED U6030

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. As a result, fully uniform illumination is ensured from end to end. Very easy installation and concealed brackets.

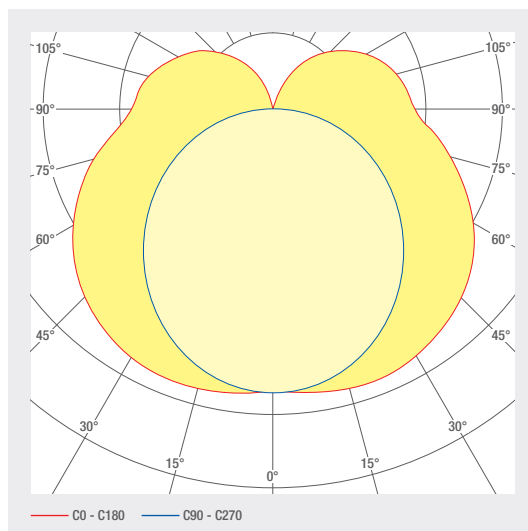
- Anodised aluminium channel
- Definable cable tap
- Cover made of opal PMMA for absolutely homogeneous illumination
- Die-cast aluminium end caps, painted in profile colour, no visible screws
- Service life: 50 000 h LM-80 > 50 000 h
- Light colors: 2700 K / 3000 K / 4000 K / 6500 K / TW / RGB(W)
- Control gear to be placed externally
- Halogen-free connection cable
- Optional: RAL or NCS powder coating
- Cable routing in the profile possible
























LED SYSTEMS

1.260 smartLED U6030



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



ART. NO.	DESIGNATION	CHARACTERISTICS									
1001380	smartLED U6030	24 V DC INPUT	25.8 W/M	DIFFUSED BEAM	RGB	120 LED/M					
1000971	smartLED U6030	24 V DC INPUT	19.2 W/M	DIFFUSED BEAM	RGBW 6500 K	98 LED/M					
1001382	smartLED U6030	24 V DC INPUT	19.2 W/M	DIFFUSED BEAM	RGBW 6000 K	98 LED/M					
1001383	smartLED U6030	24 V DC INPUT	19.2 W/M	DIFFUSED BEAM	RGBWW 3000 K	98 LED/M					
1002934	smartLED U6030	24 V DC INPUT	12 W/M	DIFFUSED BEAM	2700 K CRI>80	133 LED/M	1249 LM/M		SDCM3		
1002877	smartLED U6030	24 V DC INPUT	22 W/M	DIFFUSED BEAM	2700 K CRI>80	133 LED/M	2365 LM/M		SDCM3		
1006125	smartLED U6030	24 V DC INPUT	7 W/M	DIFFUSED BEAM	2700 K CRI>80	133 LED/M	781 LM/M		SDCM3		
1006126	smartLED U6030	24 V DC INPUT	18 W/M	DIFFUSED BEAM	2700 K CRI>80	133 LED/M	1894 LM/M		SDCM3		
1002878	smartLED U6030	24 V DC INPUT	22 W/M	DIFFUSED BEAM	3000 K CRI>80	133 LED/M	2451 LM/M		SDCM3		
1002935	smartLED U6030	24 V DC INPUT	12 W/M	DIFFUSED BEAM	3000 K CRI>80	133 LED/M	1295 LM/M		SDCM3		
1006128	smartLED U6030	24 V DC INPUT	18 W/M	DIFFUSED BEAM	3000 K CRI>80	133 LED/M	1963 LM/M		SDCM3		
1006127	smartLED U6030	24 V DC INPUT	7 W/M	DIFFUSED BEAM	3000 K CRI>80	133 LED/M	809 LM/M		SDCM3		
1002936	smartLED U6030	24 V DC INPUT	12 W/M	DIFFUSED BEAM	4000 K CRI>80	133 LED/M	1376 LM/M		SDCM3		
1002879	smartLED U6030	24 V DC INPUT	22 W/M	DIFFUSED BEAM	4000 K CRI>80	133 LED/M	2604 LM/M		SDCM3		
1006130	smartLED U6030	24 V DC INPUT	18 W/M	DIFFUSED BEAM	4000 K CRI>80	133 LED/M	1634 LM/M		SDCM3		
1006129	smartLED U6030	24 V DC INPUT	7 W/M	DIFFUSED BEAM	4000 K CRI>80	133 LED/M	860 LM/M		SDCM3		
1004631	smartLED U6030	24 V DC INPUT	18 W/M	DIFFUSED BEAM	2700 - 6500 K CRI>80	120 LED/M	1495 LM/M		SDCM3		
1000966	smartLED U6030	24 V DC INPUT	12 W/M	DIFFUSED BEAM	2700 K CRI>90	133 LED/M	1077 LM/M		SDCM3		
1000975	smartLED U6030	24 V DC INPUT	22 W/M	DIFFUSED BEAM	2700 K CRI>90	133 LED/M	2039 LM/M		SDCM3		
1006131	smartLED U6030	24 V DC INPUT	7 W/M	DIFFUSED BEAM	2700 K CRI>90	133 LED/M	674 LM/M		SDCM3		
1006132	smartLED U6030	24 V DC INPUT	18 W/M	DIFFUSED BEAM	2700 K CRI>90	133 LED/M	1634 LM/M		SDCM3		
1000976	smartLED U6030	24 V DC INPUT	12 W/M	DIFFUSED BEAM	3000 K CRI>90	133 LED/M	1105 LM/M		SDCM3		
1000977	smartLED U6030	24 V DC INPUT	22 W/M	DIFFUSED BEAM	3000 K CRI>90	133 LED/M	2091 LM/M		SDCM3		
1006134	smartLED U6030	24 V DC INPUT	18 W/M	DIFFUSED BEAM	3000 K CRI>90	133 LED/M	1675 LM/M		SDCM3		
1006133	smartLED U6030	24 V DC INPUT	7 W/M	DIFFUSED BEAM	3000 K CRI>90	133 LED/M	690 LM/M		SDCM3		
1000979	smartLED U6030	24 V DC INPUT	22 W/M	DIFFUSED BEAM	4000 K CRI>90	133 LED/M	2189 LM/M		SDCM3		
1000978	smartLED U6030	24 V DC INPUT	12 W/M	DIFFUSED BEAM	4000 K CRI>90	133 LED/M	1157 LM/M		SDCM3		

LED SYSTEMS

1.260 smartLED U6030

ART. NO.	DESIGNATION	CHARACTERISTICS							
1006136	smartLED U6030	24 V DC INPUT	18 W/M	DIFFUSED BEAM	4000 K CRI>90	133 LED/M	1753 LM/M	E A G	SDCM3
1006135	smartLED U6030	24 V DC INPUT	7 W/M	DIFFUSED BEAM	4000 K CRI>90	133 LED/M	723 LM/M	E A G	SDCM3

Lighting design

RELUX®

click on the Relux icon to access our lighting design data directly

Accessories



Art. No.
1005886



Art. No.
1001220



Art. No.
1000989

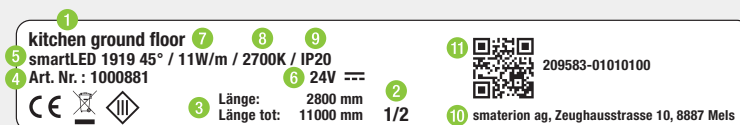


Art. No.
1001424

ART. NO.	DESIGNATION
1005886	Mounting bracket
1001220	Mounting bracket swivel
1000989	Floor profile 3030 V2.0 / U6030, anodised aluminium
1001424	Cord suspension 3m without cable outlet
1005015	Rope pendant 3 m with cable outlet
2002095	IP65 protective coating
2002092	Transparent encapsulation, IP67

Technical data

Storage temperature	-25 ... +50 °C
Max. surface temperature	65 °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(-)

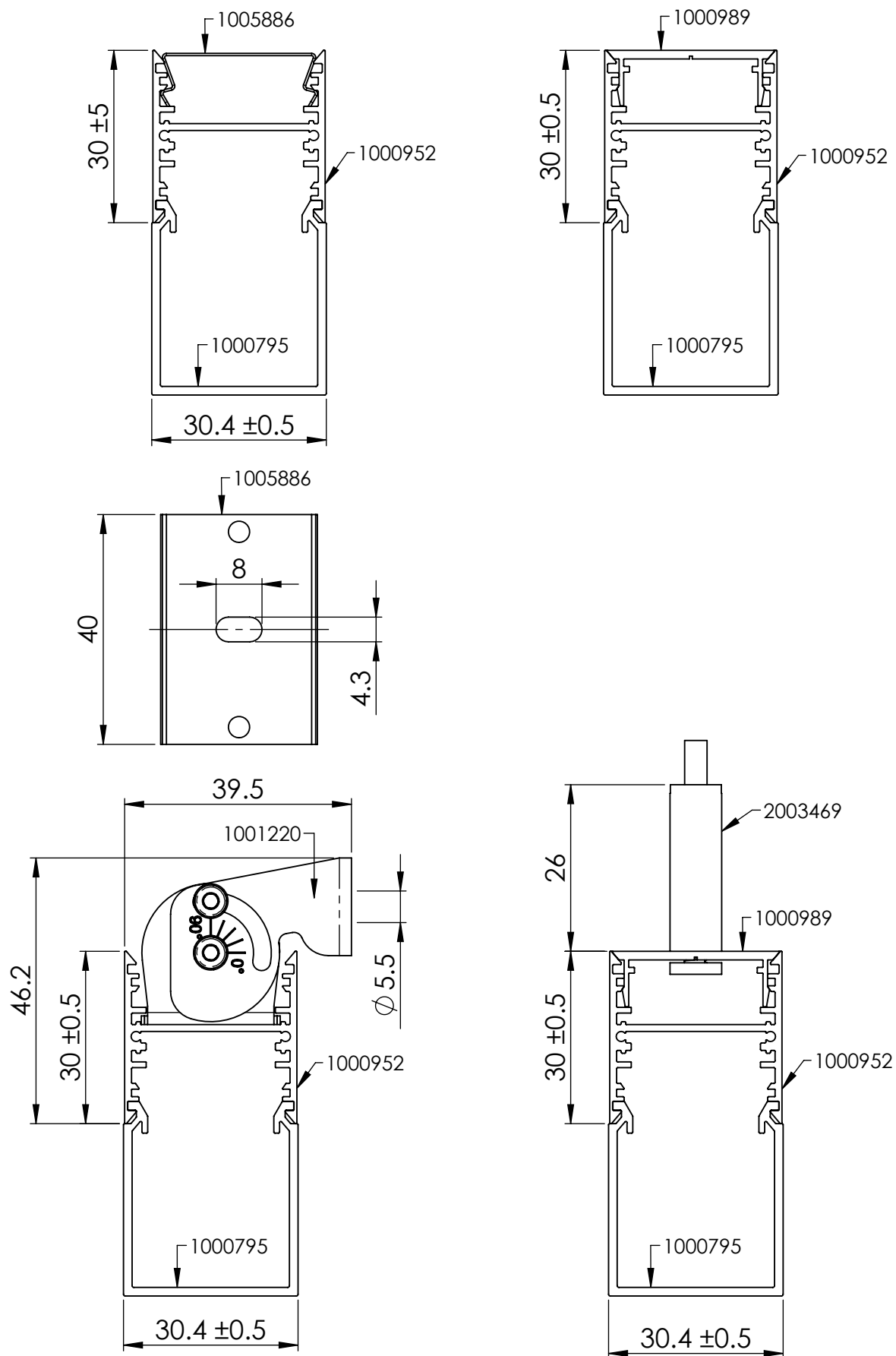


1: V+ 3: G(-)
2: B(-) 4: R(-)

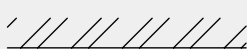


1: V+ 4: R(-)
2: B(-) 5: W(-)
3: G(-)

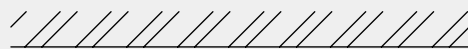
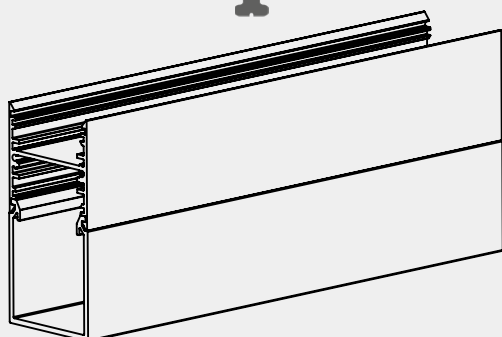
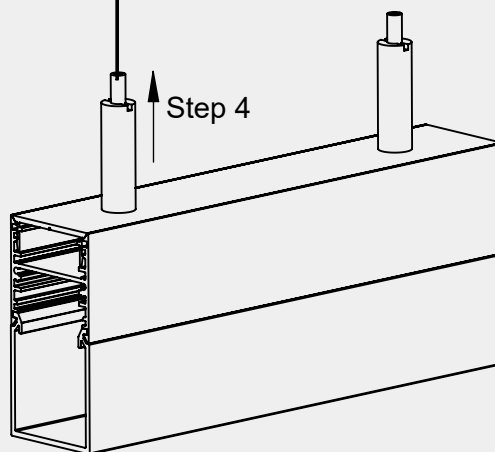
Dimensions



Assembly instructions

Step 1**Step 2**

CLICK

**Step 3****Step 4**

When fitting the clamp, make sure that it can still be turned slightly, otherwise it can cause cracking noises due to thermal expansion.

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)