



DATA SHEET

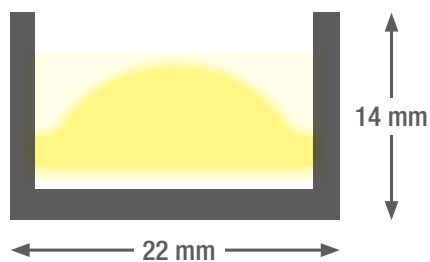
smartLED L1422

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.

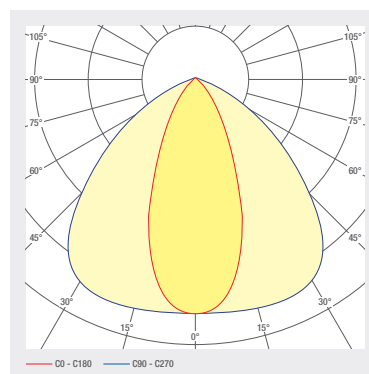
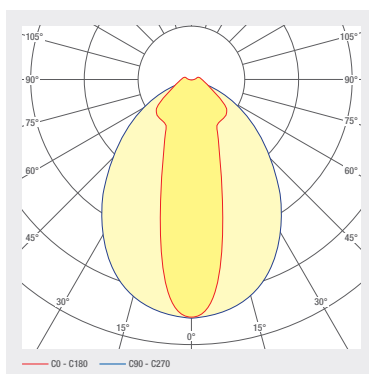
- Anodised aluminium channel
- Definable cable tap
- Cover made of opal PMMA for absolutely homogeneous illumination
- Die-cast aluminium end caps, painted in profile colour, no visible screws
- Optic 15° / 30° available
- Service life: 50 000 h LM-80 > 50 000 h
- Light colors: 2700 K / 3000 K / 4000 K / 6500 K / TW / RGB(W)
- Control gear to be placed externally
- Halogen-free connection cable
- Optional: RAL or NCS powder coating














LED SYSTEMS

1.152 smartLED L1422





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



ART. NO.	DESIGNATION	CHARACTERISTICS									
1006071	smartLED L1422	24 V DC INPUT	25.8 W/M	 RGB	120 LED/M						
1006072	smartLED L1422	24 V DC INPUT	19.2 W/M	 RGBW 6500 K	98 LED/M						
1006073	smartLED L1422	24 V DC INPUT	19.2 W/M	 RGBW 8000 K	98 LED/M						
1006074	smartLED L1422	24 V DC INPUT	19.2 W/M	 RGBWW 3000 K	98 LED/M						
1006075	smartLED L1422	24 V DC INPUT	12 W/M	2700 K CRI>80	133 LED/M	1653 LM/M	 D	A ↑ G	SDCM3		
1006077	smartLED L1422	24 V DC INPUT	22 W/M	2700 K CRI>80	133 LED/M	3129 LM/M	 D	A ↑ G	SDCM3		
1006076	smartLED L1422	24 V DC INPUT	18 W/M	2700 K CRI>80	133 LED/M	2506 LM/M	 D	A ↑ G	SDCM3		
1006078	smartLED L1422	24 V DC INPUT	7 W/M	2700 K CRI>80	133 LED/M	1033 LM/M	 D	A ↑ G	SDCM3		
1006080	smartLED L1422	24 V DC INPUT	18 W/M	3000 K CRI>80	133 LED/M	2598 LM/M	 D	A ↑ G	SDCM3		
1006081	smartLED L1422	24 V DC INPUT	22 W/M	3000 K CRI>80	133 LED/M	3243 LM/M	 D	A ↑ G	SDCM3		
1006082	smartLED L1422	24 V DC INPUT	7 W/M	3000 K CRI>80	133 LED/M	1071 LM/M	 D	A ↑ G	SDCM3		
1006079	smartLED L1422	24 V DC INPUT	12 W/M	3000 K CRI>80	133 LED/M	1713 LM/M	 D	A ↑ G	SDCM3		
1006084	smartLED L1422	24 V DC INPUT	18 W/M	4000 K CRI>80	133 LED/M	2759 LM/M	 D	A ↑ G	SDCM3		
1006086	smartLED L1422	24 V DC INPUT	7 W/M	4000 K CRI>80	133 LED/M	1138 LM/M	 D	A ↑ G	SDCM3		
1006083	smartLED L1422	24 V DC INPUT	12 W/M	4000 K CRI>80	133 LED/M	1820 LM/M	 D	A ↑ G	SDCM3		
1006085	smartLED L1422	24 V DC INPUT	22 W/M	4000 K CRI>80	133 LED/M	3446 LM/M	 D	A ↑ G	SDCM3		
1006436	smartLED L1422	24 V DC INPUT	18 W/M	2700 - 6500 K CRI>80	120 LED/M	1978 LM/M	 E	A ↑ G	SDCM3		
1006089	smartLED L1422	24 V DC INPUT	22 W/M	2700 K CRI>90	133 LED/M	2698 LM/M	 E	A ↑ G	SDCM3		
1006088	smartLED L1422	24 V DC INPUT	18 W/M	2700 K CRI>90	133 LED/M	2162 LM/M	 E	A ↑ G	SDCM3		
1006090	smartLED L1422	24 V DC INPUT	7 W/M	2700 K CRI>90	133 LED/M	891 LM/M	 E	A ↑ G	SDCM3		
1006087	smartLED L1422	24 V DC INPUT	12 W/M	2700 K CRI>90	133 LED/M	1425 LM/M	 E	A ↑ G	SDCM3		
1006093	smartLED L1422	24 V DC INPUT	22 W/M	3000 K CRI>90	133 LED/M	2766 LM/M	 E	A ↑ G	SDCM3		
1006092	smartLED L1422	24 V DC INPUT	18 W/M	3000 K CRI>90	133 LED/M	2216 LM/M	 E	A ↑ G	SDCM3		
1006094	smartLED L1422	24 V DC INPUT	7 W/M	3000 K CRI>90	133 LED/M	914 LM/M	 E	A ↑ G	SDCM3		
1006091	smartLED L1422	24 V DC INPUT	12 W/M	3000 K CRI>90	133 LED/M	1462 LM/M	 E	A ↑ G	SDCM3		
1006098	smartLED L1422	24 V DC INPUT	7 W/M	4000 K CRI>90	133 LED/M	957 LM/M	 E	A ↑ G	SDCM3		
1006097	smartLED L1422	24 V DC INPUT	22 W/M	4000 K CRI>90	133 LED/M	2896 LM/M	 E	A ↑ G	SDCM3		

LED SYSTEMS

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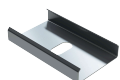
ART. NO.	DESIGNATION	CHARACTERISTICS						
1006096	smartLED L1422	24 V DC INPUT	18 W/M	4000 K CRI>90	133 LED/M	2320 LM/M	 SDCM3	
1006095	smartLED L1422	24 V DC INPUT	12 W/M	4000 K CRI>90	133 LED/M	1530 LM/M	 SDCM3	

Lighting design

RELUX®

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

Accessories



Art. No.
3100020



Art. No.
1006880



Art. No.
1005713



Art. No.
1005874



Art. No.
1006313

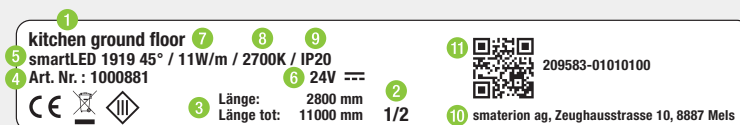


Art. No.
1006314

ART. NO.	DESIGNATION
2002095	IP65 protective coating
3100020	
1006880	smartCONN connection connector straight
1005713	smartCONN connector to power supply 90°
1005874	smartCONN flat conductor through-wiring
1006313	smartCONN linear connector
1006314	smartCONN edge connector 90°

Technical data

Storage temperature	-25 ... +50 °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(-)

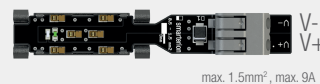


1: V+ 3: G(-)
2: B(-) 4: R(-)



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

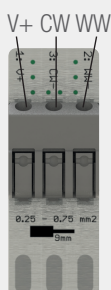
smartCONN System



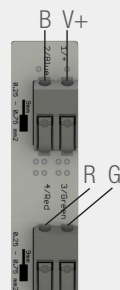
smartWIRE



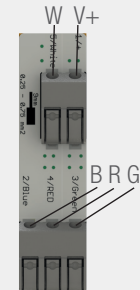
smartWIRE



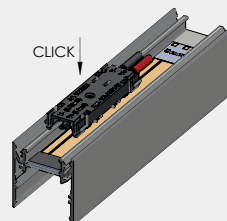
smartWIRE



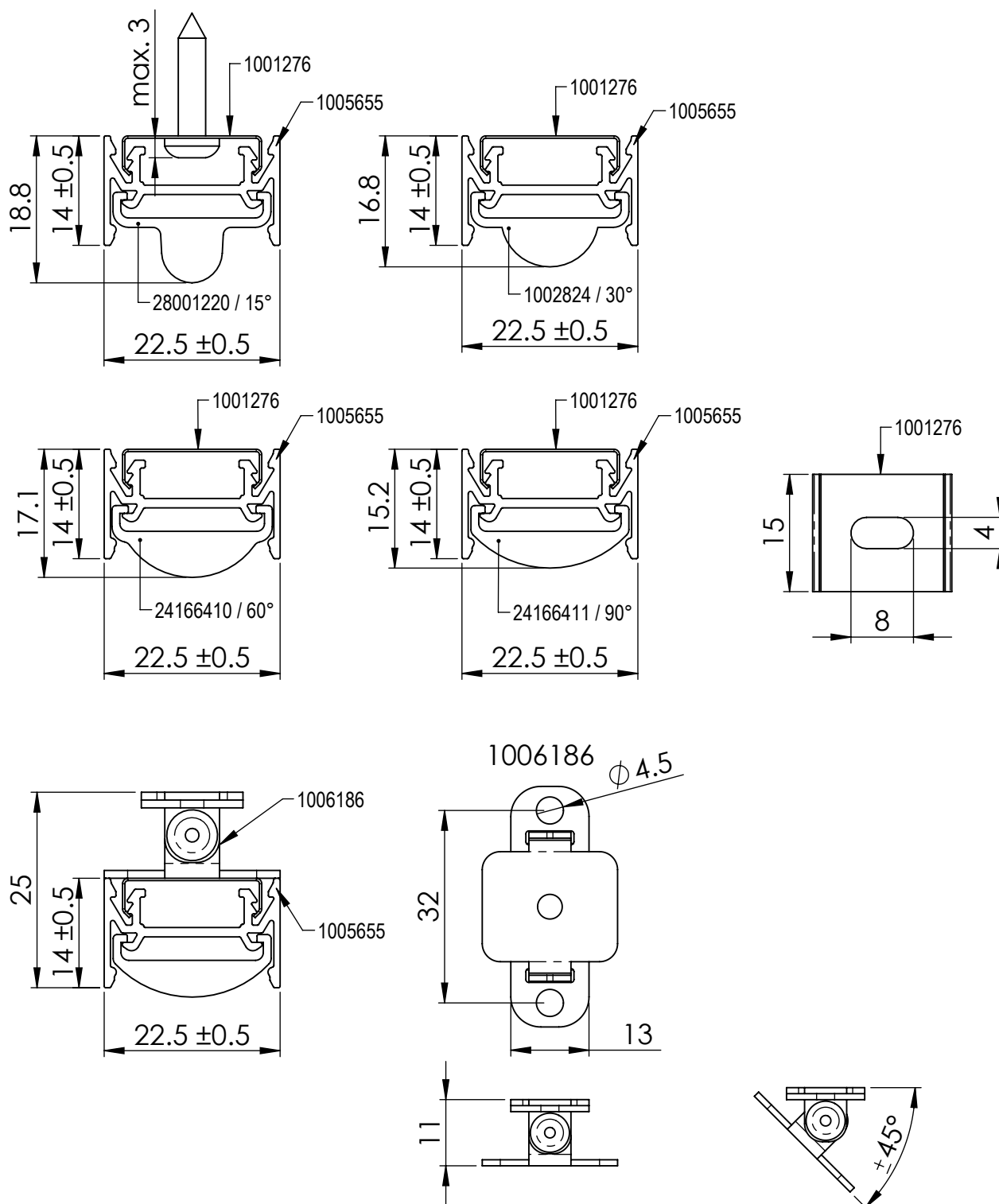
smartWIRE



CLICK



Dimensions

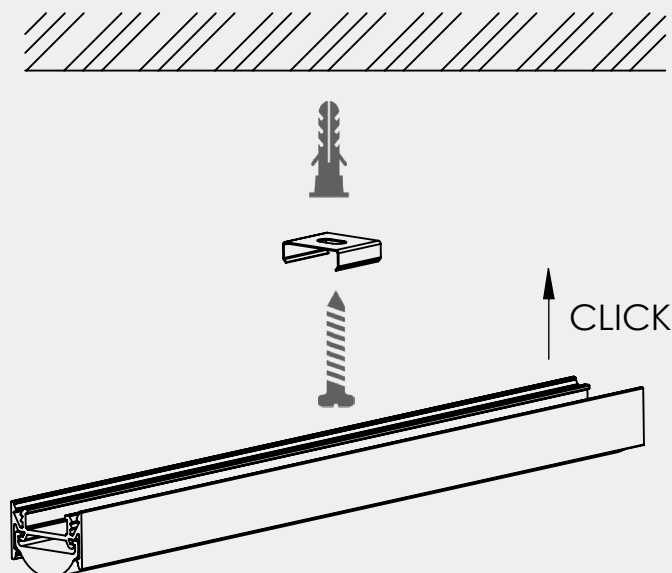


Assembly instructions

Step 1



Step 2



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)