

DATA SHEET

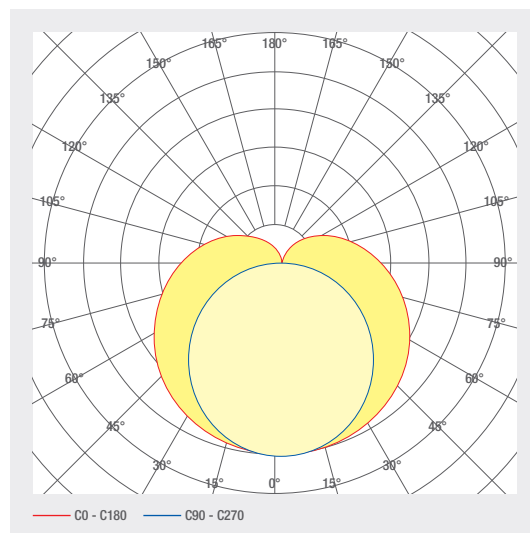
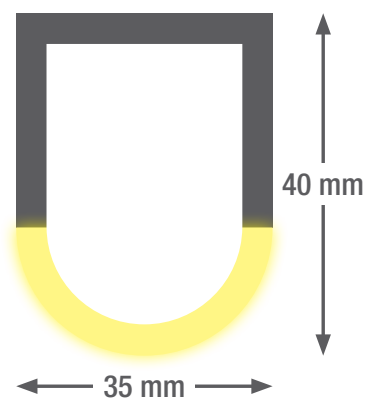
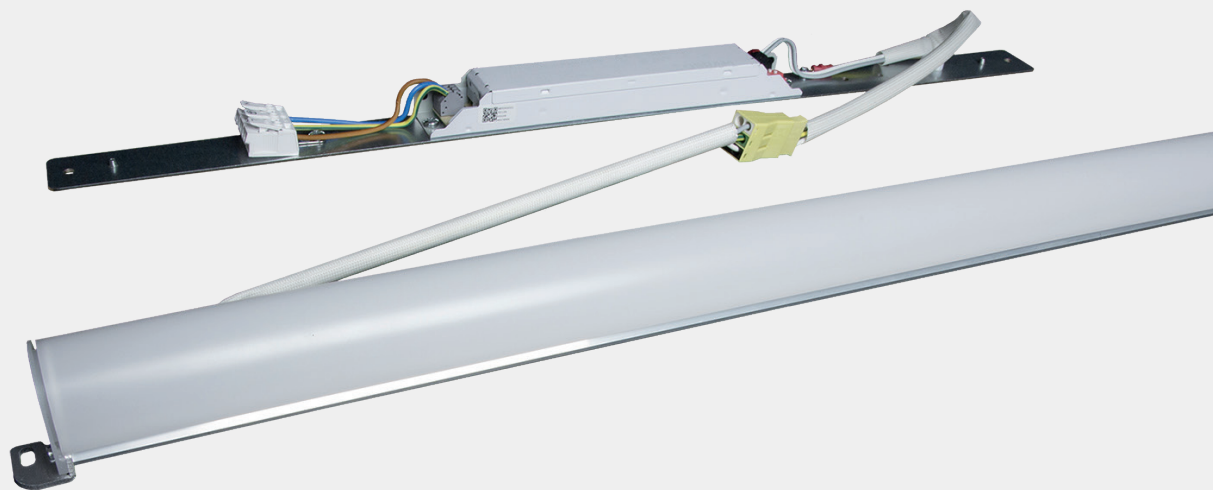
smartLINE EASY BI

Universal linear LED insert, suitable for various luminaires with T8 lamps. Optimal replacement for the renovation of existing T8 solutions with 36W or 58W. Mounting very easy magnetically or by means of two mounting screws. Power supply on separate mount

- Housing made of sheet steel coated white
- 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 DALI
- Made in Switzerland
- Magnetic mounting





































LED- INSERTS

3.30 smartLINE EASY BI










3.30 smartLINE EASY BI

LED- INSERTS

ART. NO.	DESIGNATION	CHARACTERISTICS							
1006526-N	smartLINE EASY BI 0.6 m	230 VAC INPUT	13 W	DIFFUSED BEAM	3000 K CRI>80	1650 LM			SDCM3
1006526-D	smartLINE EASY BI 0.6 m	230 VAC INPUT	13 W	DIFFUSED BEAM	3000 K CRI>80	1650 LM		DALI CONTROL	SDCM3
1006526	smartLINE EASY BI 0.6 m	230 VAC INPUT	13 W	DIFFUSED BEAM	3000 K CRI>80	1650 LM			SDCM3
1006527-N	smartLINE EASY BI 0.6 m	230 VAC INPUT	13 W	DIFFUSED BEAM	4000 K CRI>80	1750 LM			SDCM3
1006527-D	smartLINE EASY BI 0.6 m	230 VAC INPUT	13 W	DIFFUSED BEAM	4000 K CRI>80	1750 LM		DALI CONTROL	SDCM3
1006527	smartLINE EASY BI 0.6 m	230 VAC INPUT	13 W	DIFFUSED BEAM	4000 K CRI>80	1750 LM			SDCM3
1006747	smartLINE EASY BI 0.6 m	230 VAC INPUT	13 W	DIFFUSED BEAM	6500 K CRI>80	1820 LM			SDCM3
1006747-D	smartLINE EASY BI 0.6 m	230 VAC INPUT	13 W	DIFFUSED BEAM	6500 K CRI>80	1820 LM		DALI CONTROL	SDCM3
1006747-N	smartLINE EASY BI 0.6 m	230 VAC INPUT	19 W	DIFFUSED BEAM	6500 K CRI>80	1820 LM			SDCM3
1006529-N	smartLINE EASY BI 0.9 m	230 VAC INPUT	19 W	DIFFUSED BEAM	3000 K CRI>80	2450 LM			SDCM3
1006529-D	smartLINE EASY BI 0.9 m	230 VAC INPUT	19 W	DIFFUSED BEAM	3000 K CRI>80	2450 LM		DALI CONTROL	SDCM3
1006529	smartLINE EASY BI 0.9 m	230 VAC INPUT	19 W	DIFFUSED BEAM	3000 K CRI>80	2450 LM			SDCM3
1006528-N	smartLINE EASY BI 0.9 m	230 VAC INPUT	19 W	DIFFUSED BEAM	4000 K CRI>80	2548 LM			SDCM3
1006528-D	smartLINE EASY BI 0.9 m	230 VAC INPUT	19 W	DIFFUSED BEAM	4000 K CRI>80	2548 LM		DALI CONTROL	SDCM3
1006528	smartLINE EASY BI 0.9 m	230 VAC INPUT	19 W	DIFFUSED BEAM	4000 K CRI>80	2548 LM			SDCM3
1006748-D	smartLINE EASY BI 0.9 m	230 VAC INPUT	19 W	DIFFUSED BEAM	6500 K CRI>80	2548 LM		DALI CONTROL	SDCM3
1006748-N	smartLINE EASY BI 0.9 m	230 VAC INPUT	19 W	DIFFUSED BEAM	6500 K CRI>80	2548 LM			SDCM3
1006748	smartLINE EASY BI 0.9 m	230 VAC INPUT	19 W	DIFFUSED BEAM	6500 K CRI>80	2548 LM			SDCM3
1006397-N	smartLINE EASY BI 1.2 m	230 VAC INPUT	25 W	DIFFUSED BEAM	3000 K CRI>80	3300 LM			SDCM3
1006397-1_10V	smartLINE EASY BI 1.2 m	230 VAC INPUT	25 W	DIFFUSED BEAM	3000 K CRI>80	3300 LM		1-10 V CONTROL	SDCM3
1006397-D	smartLINE EASY BI 1.2 m	230 VAC INPUT	25 W	DIFFUSED BEAM	3000 K CRI>80	3300 LM		DALI CONTROL	SDCM3
1006397	smartLINE EASY BI 1.2 m	230 VAC INPUT	25 W	DIFFUSED BEAM	3000 K CRI>80	3300 LM			SDCM3
1006406-N	smartLINE EASY BI 1.2 m	230 VAC INPUT	25 W	DIFFUSED BEAM	4000 K CRI>80	3500 LM			SDCM3
1006406	smartLINE EASY BI 1.2 m	230 VAC INPUT	25 W	DIFFUSED BEAM	4000 K CRI>80	3500 LM			SDCM3
1006406-D	smartLINE EASY BI 1.2 m	230 VAC INPUT	25 W	DIFFUSED BEAM	4000 K CRI>80	3500 LM		DALI CONTROL	SDCM3
1006406-1_10V	smartLINE EASY BI 1.2 m	230 VAC INPUT	25 W	DIFFUSED BEAM	4000 K CRI>80	3500 LM		1-10 V CONTROL	SDCM3
1006503-N	smartLINE EASY BI 1.2 m	230 VAC INPUT	25 W	DIFFUSED BEAM	6500 K CRI>80	3650 LM			SDCM3

LED- INSERTS

3.30 smartLINE EASY BI

ART. NO.	DESIGNATION	CHARACTERISTICS							
1006503	smartLINE EASY BI 1.2 m	230 VAC INPUT	25 W	DIFFUSED BEAM	6500 K CRI>80	3650 LM		SDCM3	
1006503-1_10V	smartLINE EASY BI 1.2 m	230 VAC INPUT	25 W	DIFFUSED BEAM	6500 K CRI>80	3650 LM		1-10 V CONTROL	SDCM3
1006503-D	smartLINE EASY BI 1.2 m	230 VAC INPUT	25 W	DIFFUSED BEAM	6500 K CRI>80	3650 LM		DALI CONTROL	SDCM3
1006414-N	smartLINE EASY BI 1.5 m	230 VAC INPUT	32 W	DIFFUSED BEAM	3000 K CRI>80	4100 LM			SDCM3
1006414	smartLINE EASY BI 1.5 m	230 VAC INPUT	32 W	DIFFUSED BEAM	3000 K CRI>80	4100 LM		SDCM3	
1006414-D	smartLINE EASY BI 1.5 m	230 VAC INPUT	32 W	DIFFUSED BEAM	3000 K CRI>80	4100 LM		DALI CONTROL	SDCM3
1006414-1_10V	smartLINE EASY BI 1.5 m	230 VAC INPUT	32 W	DIFFUSED BEAM	3000 K CRI>80	4100 LM		1-10 V CONTROL	SDCM3
1006413-N	smartLINE EASY BI 1.5 m	230 VAC INPUT	32 W	DIFFUSED BEAM	4000 K CRI>80	4400 LM			SDCM3
1006413	smartLINE EASY BI 1.5 m	230 VAC INPUT	32 W	DIFFUSED BEAM	4000 K CRI>80	4400 LM		SDCM3	
1006413-1_10V	smartLINE EASY BI 1.5 m	230 VAC INPUT	32 W	DIFFUSED BEAM	4000 K CRI>80	4400 LM		1-10 V CONTROL	SDCM3
1006413-D	smartLINE EASY BI 1.5 m	230 VAC INPUT	32 W	DIFFUSED BEAM	4000 K CRI>80	4400 LM		DALI CONTROL	SDCM3
1006502-N	smartLINE EASY BI 1.5 m	230 VAC INPUT	32 W	DIFFUSED BEAM	6500 K CRI>80	4590 LM			SDCM3
1006502	smartLINE EASY BI 1.5 m	230 VAC INPUT	32 W	DIFFUSED BEAM	6500 K CRI>80	4590 LM		SDCM3	
1006502-D	smartLINE EASY BI 1.5 m	230 VAC INPUT	32 W	DIFFUSED BEAM	6500 K CRI>80	4590 LM		DALI CONTROL	SDCM3
1006502-1_10V	smartLINE EASY BI 1.5 m	230 VAC INPUT	32 W	DIFFUSED BEAM	6500 K CRI>80	4590 LM		1-10 V CONTROL	SDCM3

Technical data

Storage temperature	-30 ... +65 °C
Max. surface temperature	65 °C
Photobiological risk group (EN62471)	RG0
Shock rating	IK03
Protection type (IP)	IP20
Ambient temperature ta	25 °C
Service life L80B10 (h) @ ta = 25°C	50000 h

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

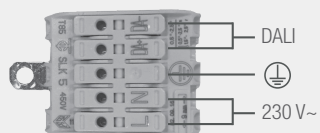
7 Item number

8 QR code with unique identification ID

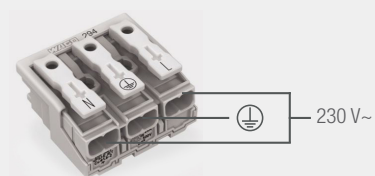
9 Manufacturer address

Electrical connection

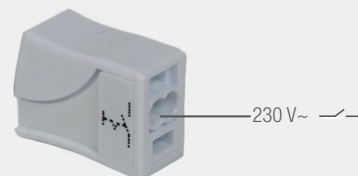
DALI



ON/OFF



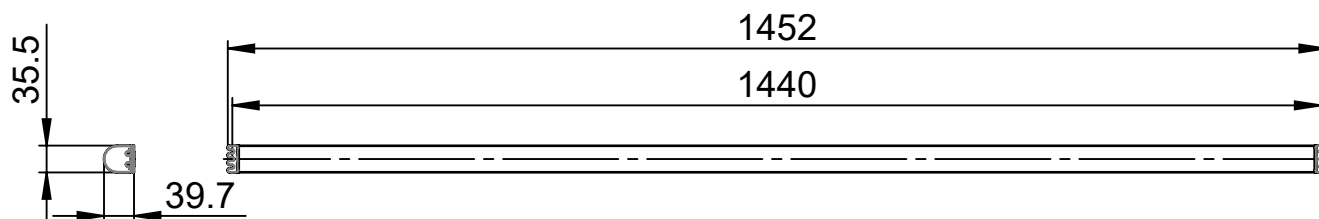
NOT



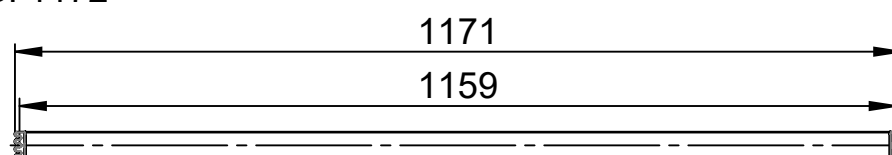
ATTENTION for EMERGENCY versions (battery): The switched phase must be tapped from the same phase that permanently supplies the control gear.

Dimensions

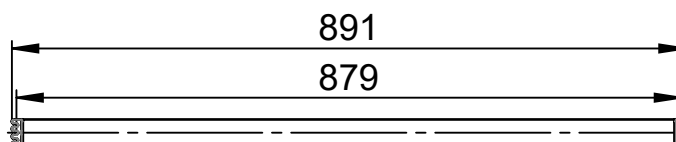
smartLINE EASY BI 1453



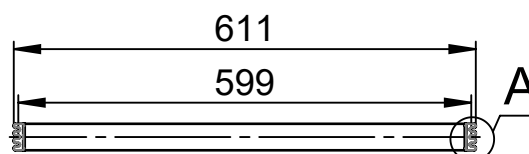
smartLINE EASY BI 1172



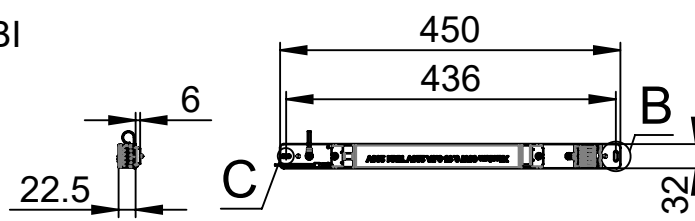
smartLINE EASY BI 892



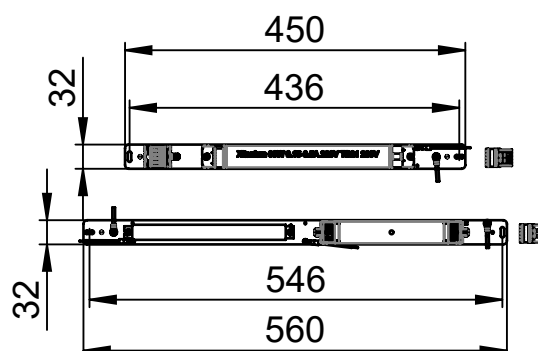
smartLINE EASY BI 612



A (1:2)

Power Supply
smartLINE EASY BI

B (1:2)

Power Supply
smartLINE EASY BI NOT

C (1:2)

Assembly instructions

Step 1



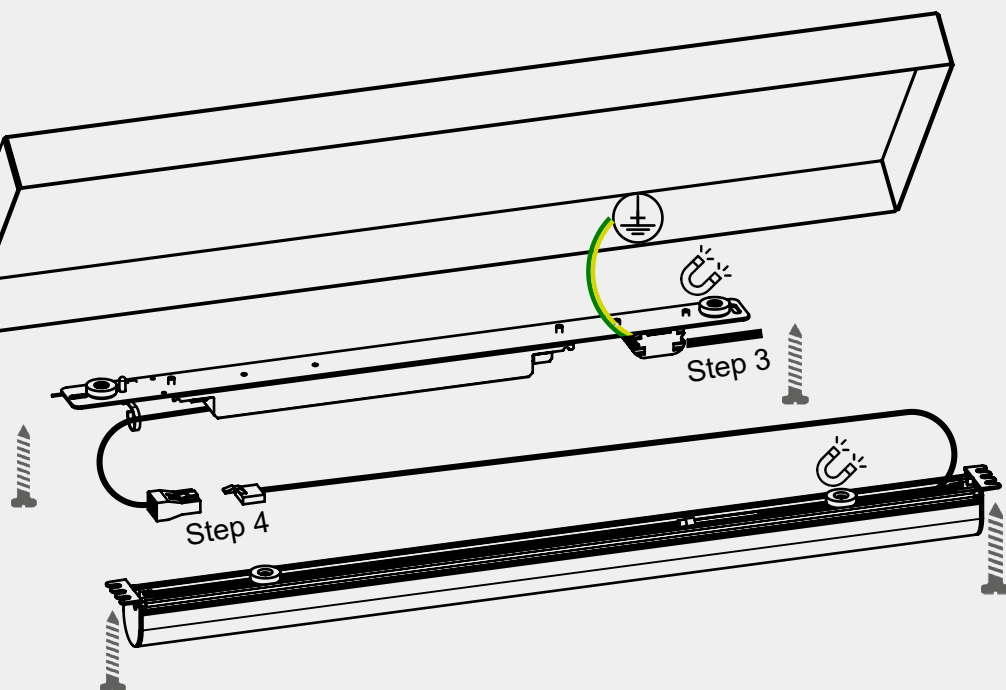
Step 2



Step 5



Step 6



Adjustable luminous flux via DIP switch (standard 250mA)

- 1.2 m: 2800 - 4900 lm (@ 4000 K)
- 1.5 m: 3520 - 6160 lm (@ 4000 K)

Caution: For safety reasons, always secure the power supply unit and lamp against falling down by means of a screw, even if they are attached magnetically.

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 smarтерion 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 smarтерion 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.

IP20

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



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