

Safety Notice

The manufacturer is discharged from liability when damage is caused by improper use or installation.

If any luminaire and/or accessory is subsequently modified, the persons responsible for the modification shall be considered as manufacturer.

Product Information / Surge Protection

As an option, this luminaire can also be fitted with a surge protector of Type 2-3 (at the time of order). The technical data can be found directly on the installed device. If the surge protector has been triggered by an adverse event, the luminaire is automatically disconnected from the mains. In that case, the LED on the surge protector no longer lights up.

For comprehensive protection of the luminaire against lightning and electrical surges, primary (Type 1) and secondary (Type 2) surge arrestors must be installed into

the power supply. We recommend a combination arrester (Type 1+2+3), which is installed in the control cabinet.

The technical planner/installer is responsible for the proper selection, sizing and installation of the surge protection modules that must be provided on site. Please note the various protection levels for Class I and II, as well as the applicable statutory provisions regarding surge protection. Installation and maintenance may only be performed by a qualified electrician.



WE-EF LIGHTING

Installation and
Maintenance Instructions for
Inground Uplights, linear

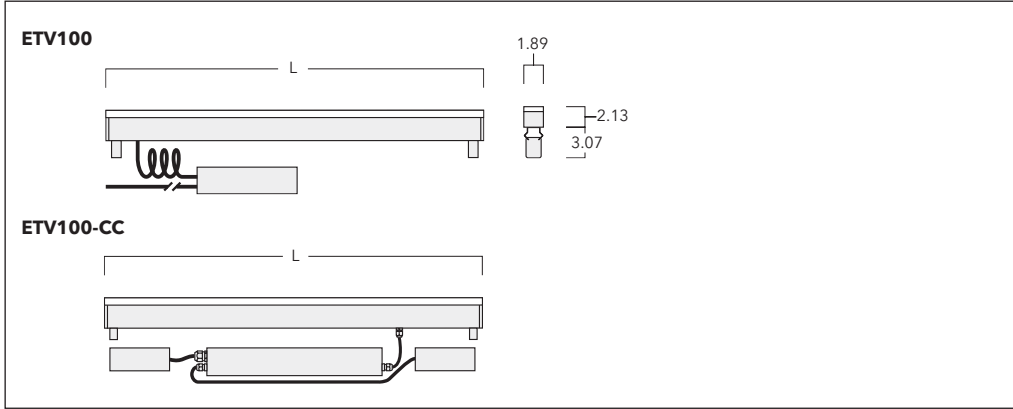
ETV100 Series

with installation blackout

BEV

Inground luminaire linear

IP67, IK08



Light source

ETV120/124	32 LED 20W*
ETV130/134	48 LED 30W*
ETV130/134 RGBW (DMX)	96 LED 48W*
ETV130/134 TW (DMX)	96 LED 30W*
ETV140/144	64 LED 40W*
ETV140/144 RGBW (DMX)	128 LED 64W*
ETV140/144 TW (DMX)	128 LED 40W*
ETV129	32 LED 2-3W*
ETV139	48 LED 3-4W*
ETV149	64 LED 4-6W*

Class I, ta = 25°C

Dimensions / Weights

ETV120	24.69 in.	10.1 lb
ETV130	36.50 in.	13.2 lb
ETV140	48.31 in.	16.5 lb

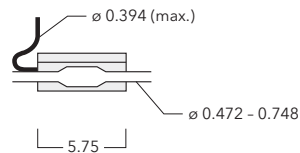


* Nominal power, for latest data refer to www.we-ef.com

Installation Accessories

Sealable junction box

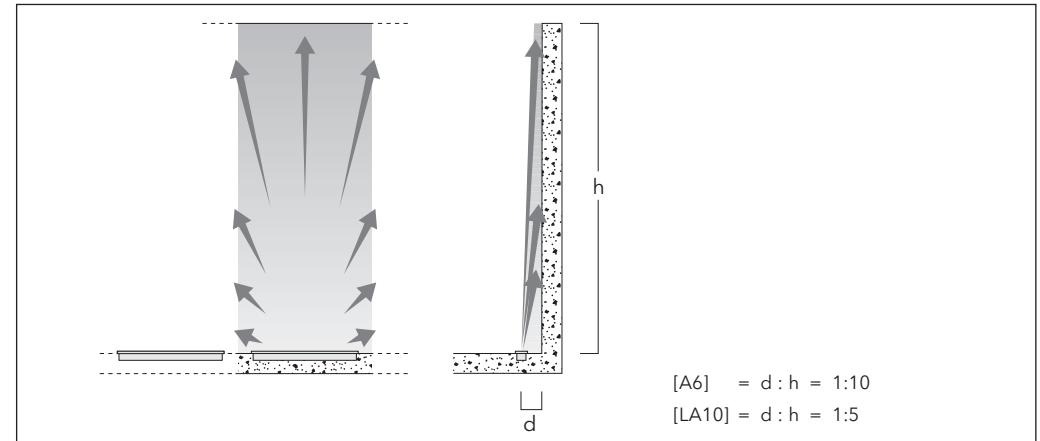
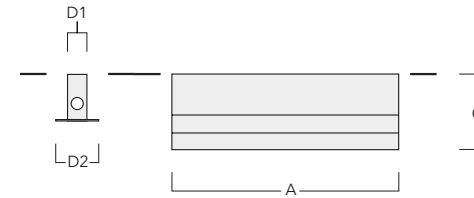
185-1624	SJB130	0.9 lb
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Installation Blockouts

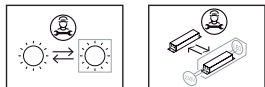
made from anodised aluminium

			D1	D2	C	A	lb
for ETV120	186-0306	BEV (for 1 luminaire)	2.13	4.72	6.30	26.57	6.6
	186-0307	BEV (for 2 luminaires)	2.13	4.72	6.30	51.34	13.8
	186-0308	BEV (for 3 luminaires)	2.13	4.72	6.30	76.10	20.1
	186-0309	BEV (for 4 luminaires)	2.13	4.72	6.30	100.87	26.5
for ETV130	186-0310	BEV (for 1 luminaire)	2.13	4.72	6.30	38.39	10.4
	186-0311	BEV (for 2 luminaires)	2.13	4.72	6.30	74.96	19.8
	186-0312	BEV (for 3 luminaires)	2.13	4.72	6.30	111.54	29.2
	186-0313	BEV (for 4 luminaires)	2.13	4.72	6.30	148.11	38.6
for ETV140	186-0314	BEV (for 1 luminaire)	2.13	4.72	6.30	50.20	13.5
	186-0315	BEV (for 2 luminaires)	2.13	4.72	6.30	98.58	25.9
	186-0316	BEV (for 3 luminaires)	2.13	4.72	6.30	146.97	38.3
	186-0317	BEV (for 4 luminaires)	2.13	4.72	6.30	195.35	50.77



[A6] = d : h = 1:10

[LA10] = d : h = 1:5



Installation

The product must be installed and maintained by a suitably qualified professional in compliance with latest building/construction and/or electrical regulations and relevant legislation.

Luminaire can be driven over at low speed, without accelerating or turning, by vehicles with air-filled tires, at a weight up to 5 tonnes per wheel. Max. static load, 3 tonnes.

Do not open the luminaire in humid conditions or during rain. This will result in condensation forming inside the luminaire.

Maintenance

Apart from cleaning the product's exterior surfaces, no special maintenance work is required. Do not use high-pressure cleaners.

⚡ Warning: Switch off mains electrical supply prior to installing and connecting the luminaire. Do not open luminaire while mains supply is switched on.

Notice: If the luminaire is modified by anybody other than the original manufacturer, then the warranty will no longer be valid and shall become the full responsibility of the modifying person/organisation. Claims based on defects attributable to improper installation and/or application, and the consequences thereof, are excluded.

In case of component failure due to abnormal circumstances or at end of life, replacement must be carried out by a suitably qualified and trained professional.

In case of questions please contact our technical hotline at +1 724 742 0030 (Monday - Friday from 08:00 until 16:00 hours).

Installation blackout BEV

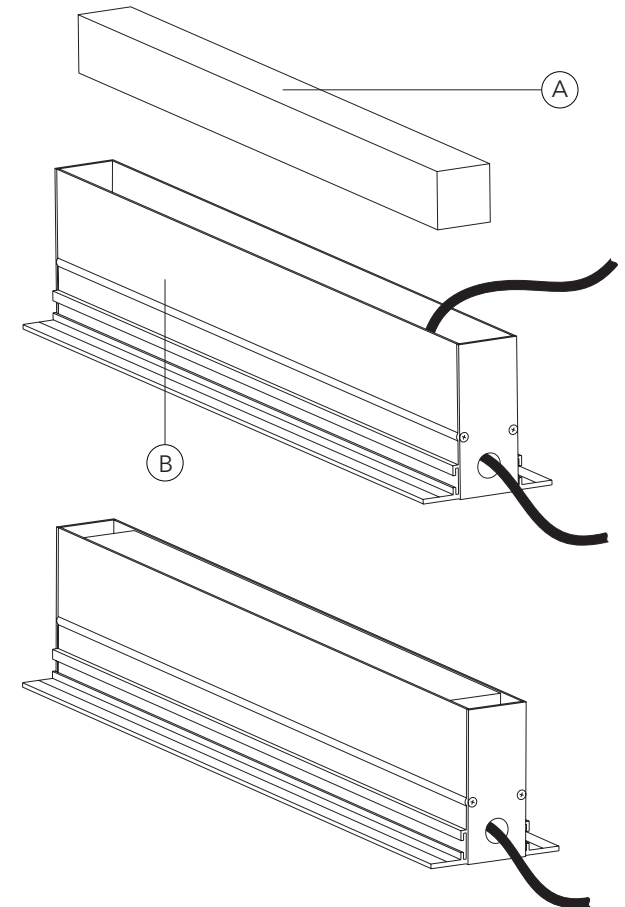
Ensure that proper drainage is provided, e.g. a gravel bedding.

- 1) Take the installation cover **A** out of the installation blackout **B**. Lead the connecting cable through the drilled hole inside the blackout.
- 2) Place the cable at the bottom area of the blackout, then replace the cover **A** onto the blackout **B**. The blackout needs to get placed on an even, stable area. The top edge needs to be flush with surface.

ATTENTION: If the floor will be tiled or paved afterwards leave an appropriate gap).

- 3) In case the luminaire gets installed at a later time, the blackout must get covered by the installation cover **A**, to make sure no concrete or dirt may enter the luminaire.

The installation cover ensures that the blackout does not get damaged during masonry works and needs to remain inside the BEV until installation of the luminaire.



Installation blackout BEV pic. 1

Installation blackout BEV pic. 2

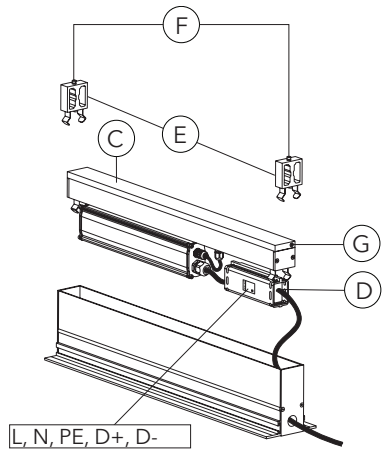
Installation luminaire uplight ETV

- 1) Switch off mains electrical supply. ⚡
- 2) The luminaire is pre-wired and the lamp/LED included. An opening of the luminaire is not necessary.
- 3) Take the installation cover **A** and the spacers **E** out of the blockout **B**.
- 4) Connect the connecting cable with the provided UL410-D gel-filled wire nuts and place the clamp inside the connection sleeve **D**.
- 5) Place the connection sleeve **D** and the luminaire **C** inside the blockout. Make sure no cable is squeezed.

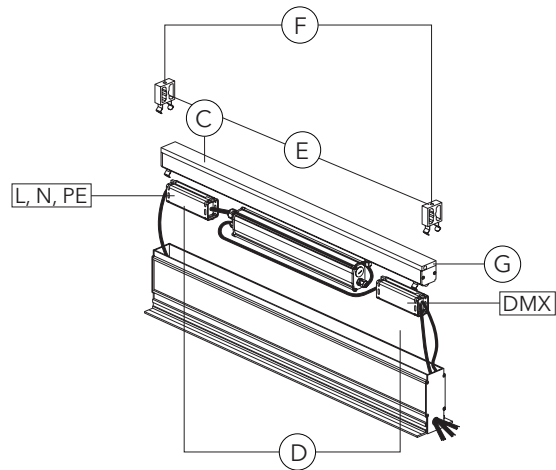
- 6) Install the spacer **E**. In case the space for the luminaire(s) is not sufficient you can remove individual silicone buffer **G**.

To remove the luminaire unfasten the screws **F** from the spacer **E** until you can clasp these and pull out the spacer in an upwards direction.

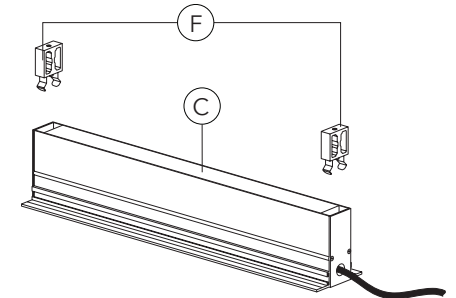
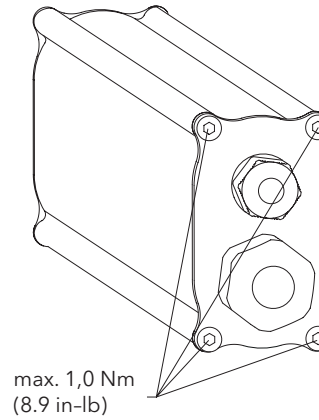
Linear inground luminaire ETV100 pic. 1



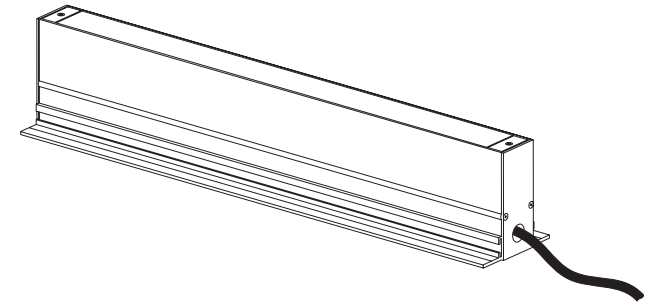
Linear inground luminaire ETV100-CC pic. 1



Linear inground luminaire ETV100 pic. 2

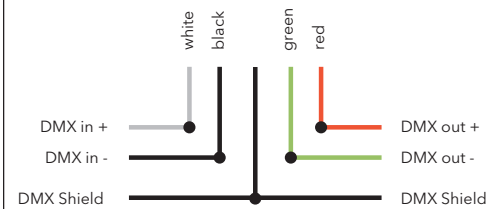


Linear inground luminaire ETV100 pic. 3



Wiring Diagramm (CC)

DMX



L, N, PE

