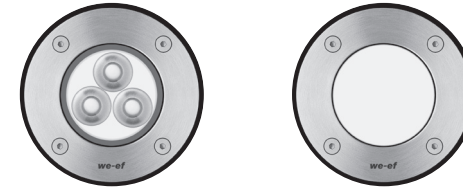


**Safety Notice**

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.

**we-ef**



**WE-EF LIGHTING**

Installation and  
Maintenance Instructions for  
Inground Uplight

**ETC110 LED**

**ETC119 LED**

**we-ef**

A Fagerhult Group Company

**WE-EF LIGHTING USA**

Tel +1 724 742 0030

info.usa@we-ef.com

**we-ef.com**

ETC110/119\_060521 / 006-0723

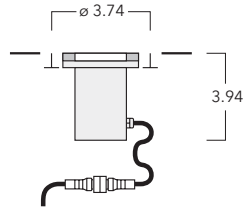
Technical specifications are subject to change.

© WE-EF 2022

## Inground Uplights

IP67, IK09

### ETC110/119



### Light Source

1-3 W ..... 24 V AC/DC\*  
(not dimmable)  
unicolour red, green, blue, yellow or white

Class III, ta 25°C

ø 0.393 in (max)



2 x 18 AWG



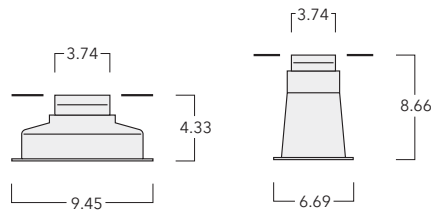
### Attention

Inground uplights with LEDs cannot be operated with the light control system WE-EF CONTROL® in connection with an **UDM** (Universal Dim Module).

**UST** Ultimate Stabilisation Technology equalisation of voltage drops.

### Installation blockouts

		ø D1 / ø D2	H	lb
BET10 high	185-0797	3.74 / 6.69	8.66	1.1 lb
BET10 flat	185-0412	3.74 / 6.69	4.33	1.1 lb



**BET10 flat**

**BET10 high**

### 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.

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

During checking of the installation location the maximum temperature on the outer lens should be considered. The temperature is shown on the identification label.

Suitable for Drive-over at low speeds and high pressure tyres, up to 5 tonnes. The luminaire should not get covered partially or completely.

Dirt on the lens has to get removed. Do not open the luminaire in humid conditions or during rain. This will result in condensation forming inside the luminaire.

**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.

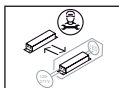
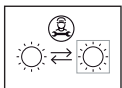
Claims based on defects attributable to improper installation and/or application, and the consequences thereof, are excluded. In case of component failure due to abnormal circumstances or at end of life, replacement must be carried out by a suitably qualified and trained professional.

In case of questions please contact our technical hotline: +1 724 742 0030 (from Monday - Friday from 08.00 until 16.00 hours).

### Maintenance

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

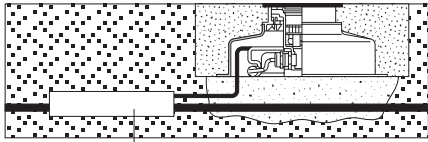
Protect our environment: Discard used LEDs in compliance with the most recent environmental legislation.



### Installation types with BET

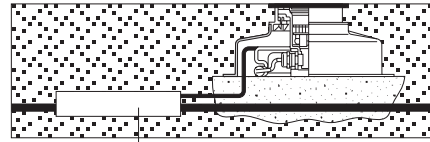
Ensure proper drainage and a solid foundation.

We recommend the installation with installation blockout BET.



J

fig. 1



J

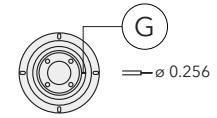
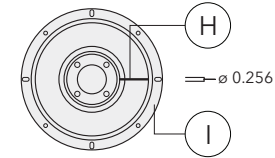
fig. 2

### Phase One

(Installation during earth or masonry works)

- 1) The flange of the installation blockout I has four fixing holes.

BET10 flat



BET10 high

- 2) Fix mounting ring F on the installation blockout I and align the two fillets G / H (fig. 4).

- 3) Determine position of installation blockout.

Ensure the following details:

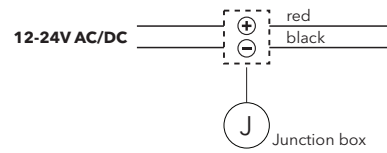
- a) The socket cable E must be connected outside of the BET with help of a sealable junction box J (fig. 4) and/or provided UL410-D wire nuts (pay attention to connection diagram fig. 3) and must be inserted into the installation blockout in that way, that for later connection of the luminaire approx. 20 in can get pulled out of the BET.
- b) Luminaire mounting ring F to be flush with surface (landscape, concrete floor, tiled or paved area, etc.).

**Attention:** In case tiles or paving blocks (for example) will be paved at a later date, a respective allowance needs to be considered.

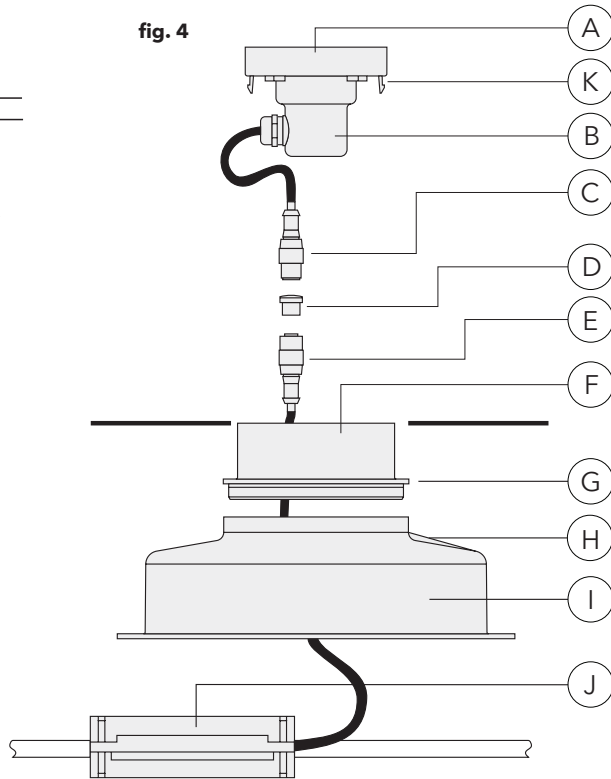
c) For asymmetrical light distribution the support **G** of the mounting ring **F** has to get aligned to the object which shall get illuminated. Depending on required alignment of the luminaire the support **G** has to get positioned accordingly. After the luminaire is inserted the support **G** and the WE-EF logo of the luminaire **B** are facing each other in one line (**fig. 4**).

- 4) In case the luminaire shall get installed at a later time, the mounting ring **F** must get covered with a mounting cover BE (WE-EF product ID 185-0414).
- 5) Ensure that the installation breakout **I** is protected from damage during continuing earth or masonry works. Only an undamaged breakout guarantees a trouble-free installation of inground uplights.

**fig. 3**



**fig. 4**



### Phase two

#### Installation of luminaire - ON/OFF

- 6) Switch off the mains electrical supply.  
Check that rating shown on the luminaire label conforms with the mains electrical supply.
- 7) Inground uplights are supplied with integrated circuit board. Therefore it is not necessary to open the luminaire.
- 8) Screw off the plug **D** from the socket cable **E** and put on the cable plug **C** of the luminaire **B** and tighten firmly.
- 9) The luminaire **B** with the installation ring **A** has to get inserted into the BET in such a way, that the snap-in clutches **K** meet the chamfered edge of the mounting ring **F**. The luminaire snaps into position with light force.