



WE-EF LEUCHTEN

Installation and Maintenance
Instructions

Inground Luminaire

ETC130-GB LED

ETC140-GB LED



Surge Protection

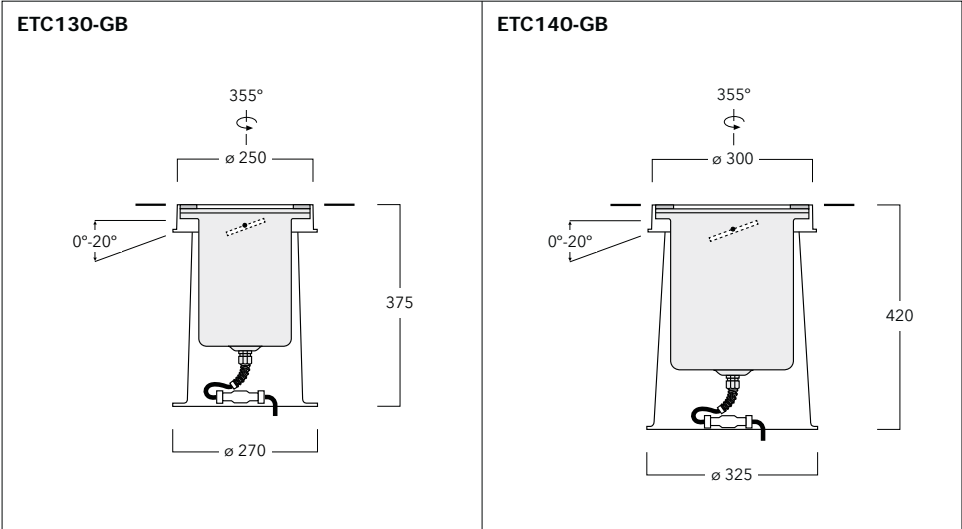
This product features built-in surge protection circuitry in compliance with applicable standards.

For comprehensive protection of a luminaire installation against lightning and electrical surges, it is essential to cover mains supply and data input lines at the distribution board level, by using respective primary (Type 1) and secondary (Type 2) surge arrestors in compliance with EN61643-11/ IEC61643-1.

Warning

Ensure that all required surge protection measures are in place and activated prior to luminaire installation. Also, disconnect luminaires before operating high-power devices such as, for example, electrical arc welders.

Inground Luminaire



IP69, IK10+, Class I, $t_a = 40^{\circ}\text{C}$

Light Source

LED

Maintenance

Apart from cleaning the product's exterior surfaces, no special maintenance work is required.

Do not use high-pressure cleaners.

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.

Warning: Do not open luminaire while mains supply is switched on.

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.


Warning: Switch off mains electrical supply prior to installing and connecting 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.

The installation on site must comply with local and/or national health and safety regulations.

Minimum Distance

ETC130-GB: No minimum distance.

ETC140-GB: Ensure the minimum distance for objects to be illuminated is correct (see illustration  inside luminaire).

Installation Methods

For proper installation, use the supplied installation blockout.

Ensure that proper drainage is provided for the shown installation methods:

In landscape areas, soil with gravel base (Fig. I).

In paved areas, concrete with gravel base (Fig. II).

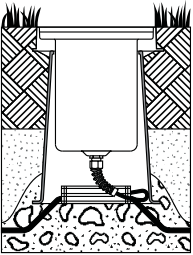


Fig. I

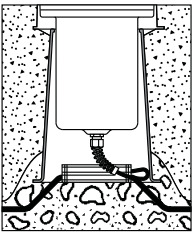
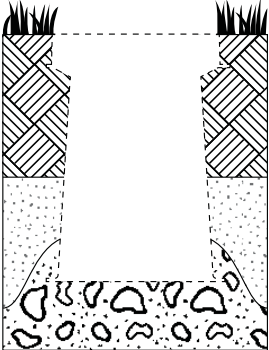
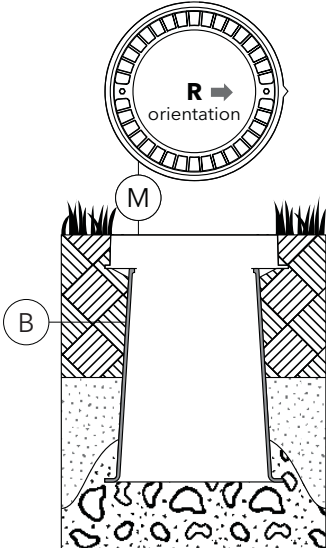
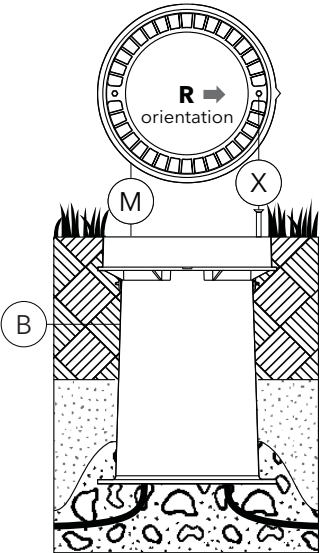



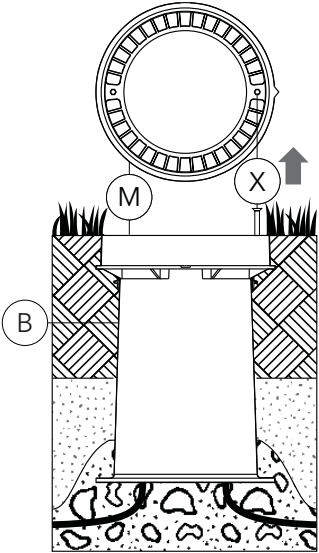
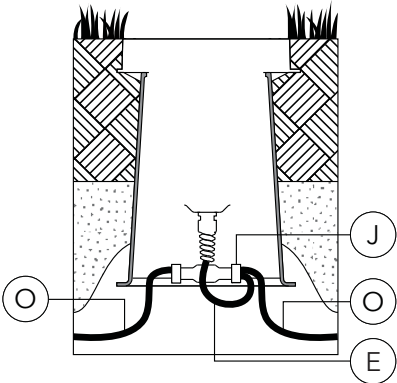
Fig. II

Phase One

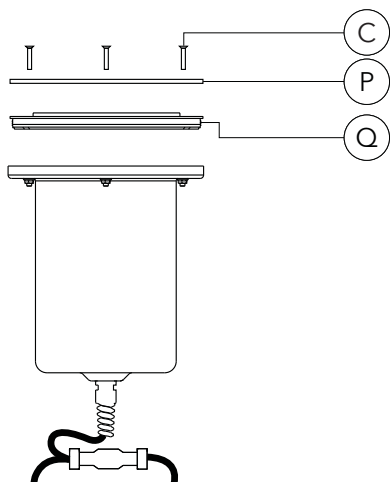
Blockout Installation Procedure

<p>1) Ensure a suitable recess.</p> 	<p>2) Set blockout/mounting ring B/M in position.</p> 
<p>3) Do <u>not</u> remove screws X from mounting ring M.</p> 	

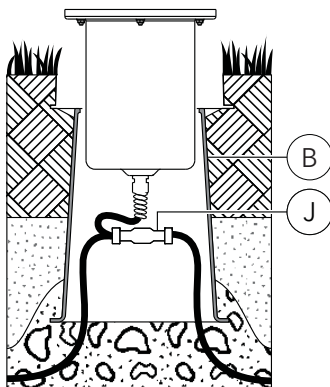
Phase Two
Luminaire Installation, Electrical Connection, and Aiming Procedure

<p>4) Switch off mains electrical supply.</p> 	<p>5) Check that rating shown on luminaire label conforms with mains electrical supply.</p> <div data-bbox="610 240 1003 429"><p>we-ef 03/17 IP67 CE</p><p>ETC130-GB → 220-240V/60/Hz, 1-10v</p><p>185-XXXX SOE XXXXXXXX</p><p>LED 4000K 12W item no. XXX</p></div> <p>(example)</p>
<p>6) Remove screws X from mounting ring M.</p> 	<p>7) Terminate cable E and mains supply cable O in sealable junction box J.</p> 

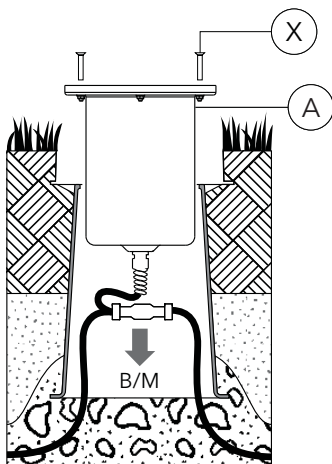
- 8) Remove cover **P** and lens/gasket **Q** by loosening screws **C**.



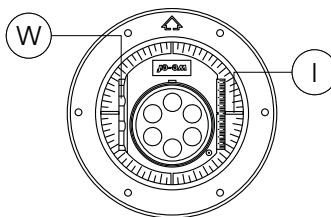
- 9) Set cables and sealable junction box **J** inside installation blackout **B**.



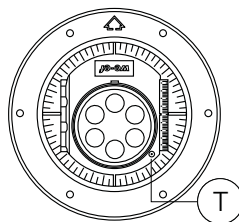
- 10) Place housing **A** into blackout/mounting ring assembly **B/M**. Tighten screws **X**.



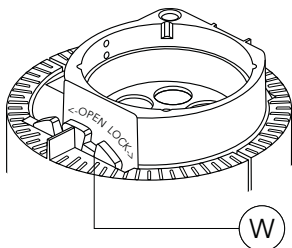
- 11.1) Insert screw driver into a slot on locking wheel **W**. Rotate locking wheel **W** in the 'OPEN' direction. Hold fins **I** to aim horizontally...



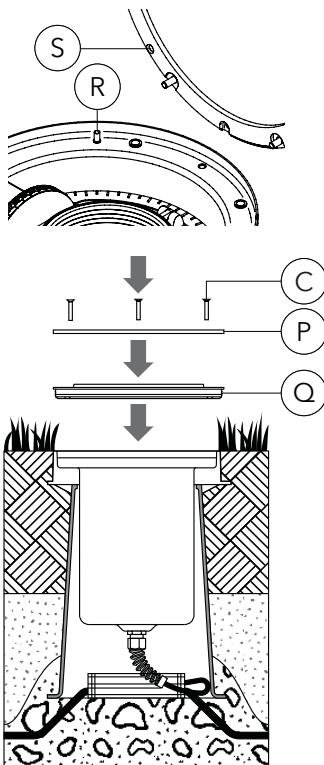
- 11.2) Insert screw driver into hole **T** to aim vertically.



- 12) Reinsert screw driver into slot on locking wheel **W** and rotate it in the 'LOCK' direction. Use only moderate torque.



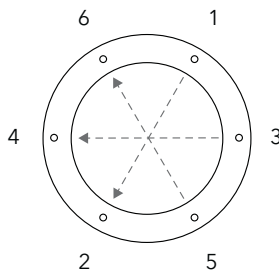
- 13) Reposition lens/gasket assembly **Q** and cover **P**. Ensure that orientation pin **R** aligns with hole **S** in gasket.



- 14) Switch on and wait 30 minutes.



- 15) Tighten screws in criss-cross sequence. Using torque 5 Nm for ETC130-GB and 6 Nm for ETC140-GB.





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Technical specifications are
subject to change.