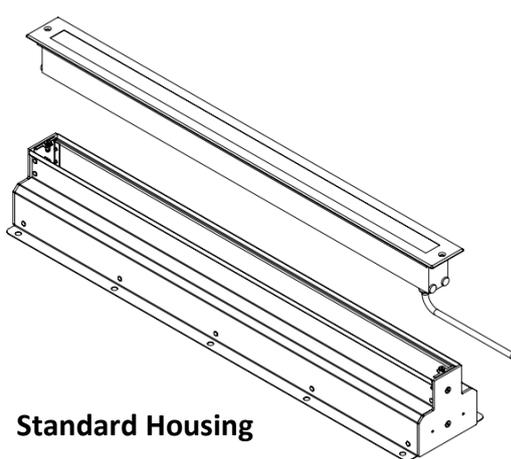


IP66
IK08

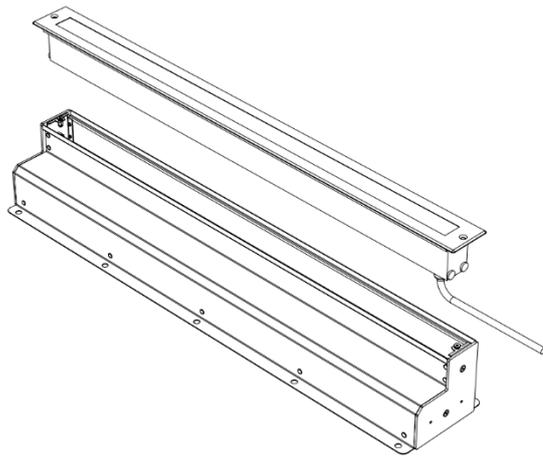


Terminal Labelling:	
Power	
L1	Switched Live
E	Earth
N	Neutral
Emergency	
L2	Unswitched Live
DA/AT3	DALI Autotest
DA/AT3	DALI Autotest
Dimming	
-/D1/DA	Analogue/DSI/DALI
+/D2/DA	Analogue/DSI/DALI
L3	Switch Dim / Corridor Function

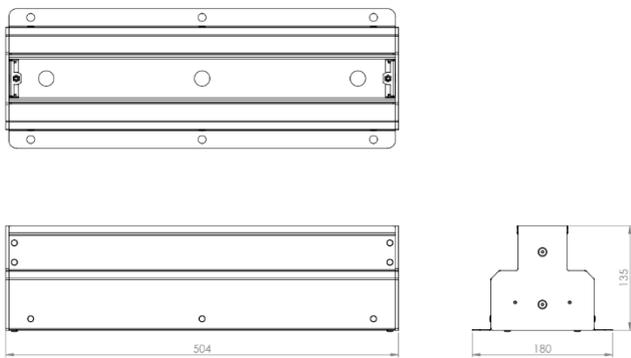
WARNING: Luminaire must be earthed. Risk of electric shock from LED boards if operated with cover removed. Installation / operation outside of luminaires intended scope invalidates warranty. Suitable only for domestic / light industrial / industrial applications within the scope of EN55015. Tested to compliance with BSEN 60598: specification for general requirements and tests. Must be installed by a suitably qualified person in accordance with all relevant legislation. Ambient operating temperature of 0°C to 25°C. If maximum operating temperature is exceeded luminaire will automatically dim / switch off. Terminal blocks are rated to 16A unless stated otherwise. The light source is non replaceable. **LUMINAIRES WITH EMERGENCY PACK:** When supply is isolated battery output terminals may be live if battery is connected. Isolate mains and battery before servicing. Emergency luminaires require unswitched live connection taken from same phase as switched supply. When unswitched supply is connected status indicator illuminates green, when unswitched supply is disconnected indicator extinguishes and luminaire operates in emergency mode. 24 hour charge period required before undertaking full discharge test. Emergency test sheets provided should be used to record all emergency tests. Batteries should be replaced when 3 hour duration is not met. Excessive switching of permanent live may result in premature battery failure. Battery electrolyte can be harmful to eyes / open wounds, do not puncture, if electrolyte touches skin / eyes flush with water. Do not incinerate batteries.



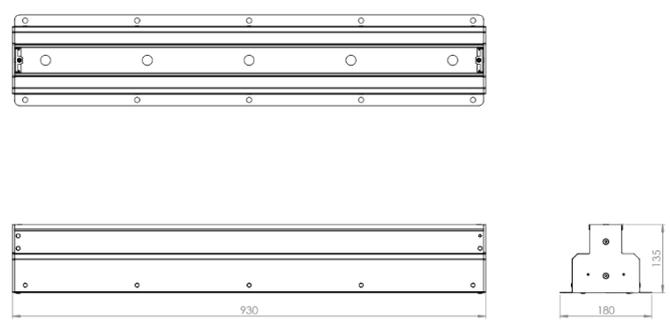
Standard Housing



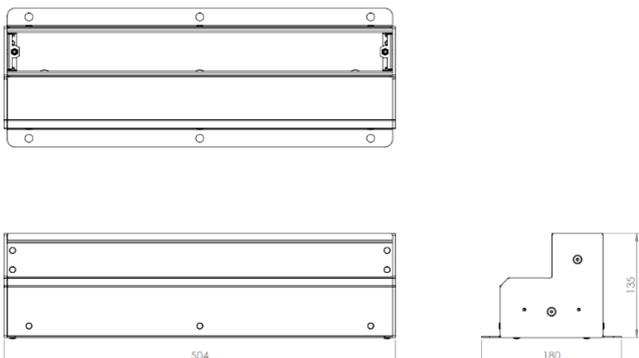
500 Standard Housing



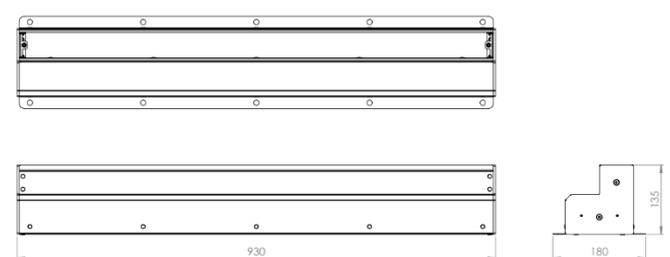
1000 Standard Housing



500 L Housing



1000 L Housing



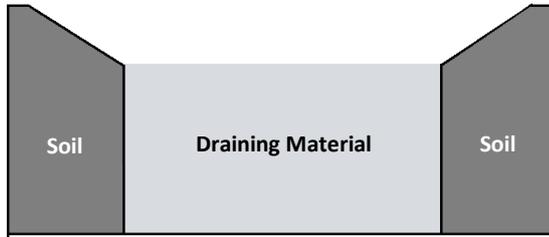
Glide In-Ground (GIG) Installation

1. Prepare Ground

Soft Ground

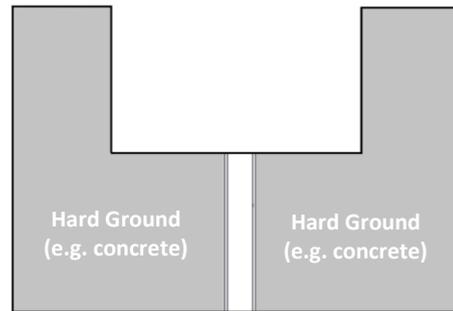
Proper drainage material must support the entire mounting box length in order for it to reach 1000kg resistance.

If drainage material is used, provide support for the entire mounting box length and install adequate drainage piping.



Hard Ground

Prepare ground hole, including proper drainage piping. The length of the entire mounting box must be supported in order to reach 1000kg resistance.



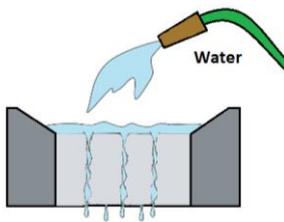
Draining Pipe

2. Test Drainage

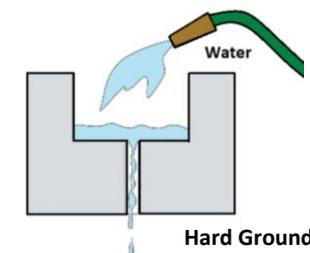
Testing the Drainage Piping

In order to validate the efficiency of the drainage piping, a quantity of water equivalent to the volume of the mounting box must completely drain in 30 minutes.

Drainage testing should be performed prior to installation of the In-ground luminaire.



Soft Ground

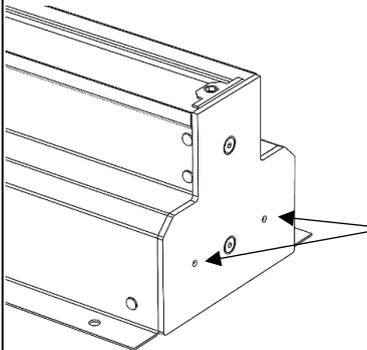


Hard Ground

Mounting Box Length = 1m (927mm)
 Mounting Box Volume = 12,713cm³ (776in³)
 Minimum Drainage Rate = 0.43L/min (0.11gal./min)

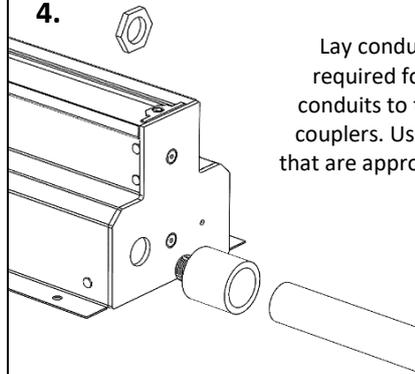
WARNING: Failure to provide adequate draining installation will void warranty.

3. Install Conduits & Cables



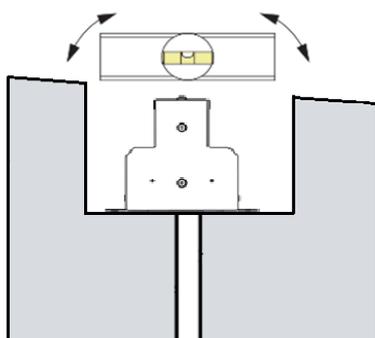
Drill required conduit entry points in mounting box end caps.

4.



Lay conduit piping in ground as required for installation. Tighten conduits to the mounting box using couplers. Use conduits and couplers that are appropriate to the installation.

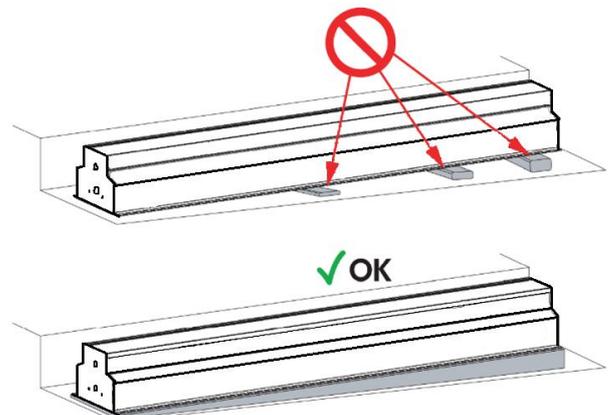
5. Level Mounting Box



Lay mounting box in place.

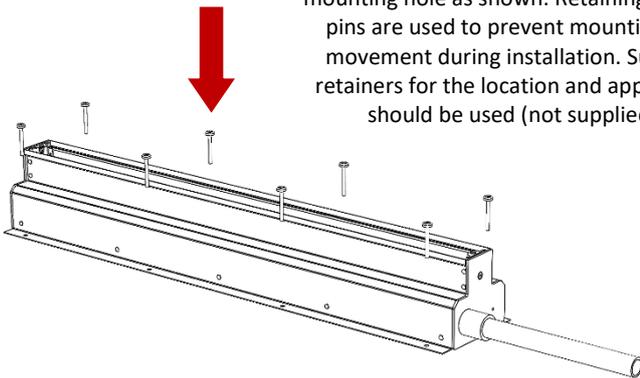
Adjust mounting surface to level mounting box.

NOTE: a sloped installation will affect the light distribution of the luminaire. Consider the ground level when selecting a tilt angle for the application.

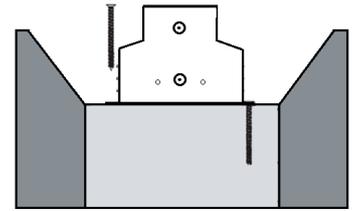


Glide In-Ground (GIG) Installation

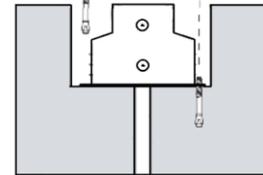
Install retaining screws/ pins in every mounting hole as shown. Retaining screws/ pins are used to prevent mounting box movement during installation. Suitable retainers for the location and application should be used (not supplied).



Soft Ground

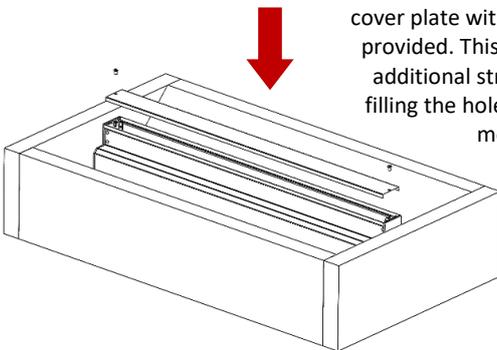


Hard Ground



7. Install Mounting Box Cover

Install the mounting box cover plate with the screws provided. This will provide additional strength when filling the hole around the mounting box.



8.

Perform a final inspection before pouring filling material. Ensure the mounting box is level and does not move.

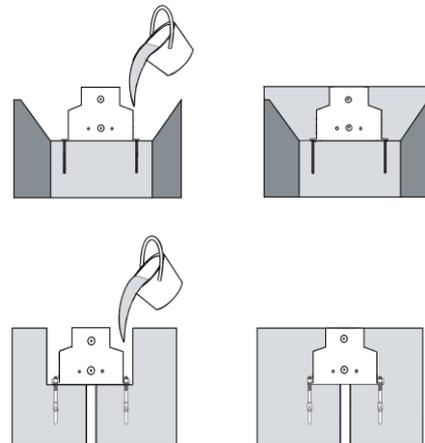
Failure to ensure the box is secure may result in a failed installation and will void the warranty.

9.

Pour the material (concrete) around the mounting box.

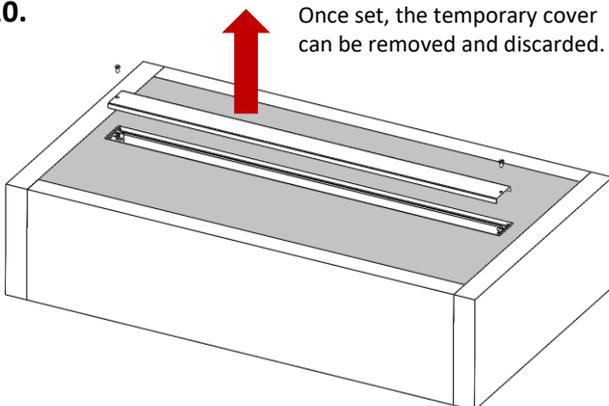
It is critical to ensure the material is flush with the top of the mounting box!

Clean the top of the mounting box to remove any excess of material that may prevent cover removal.



10.

Once set, the temporary cover can be removed and discarded.



11.

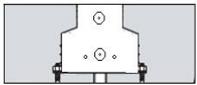
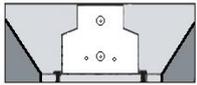
The mounting box is walk-over compliant up to 1000kg, concrete supported. A minimum of 10" (0.25m) of concrete is required around the entire length and height of the mounting box.

Glide In-Ground (GIG) Installation

12. Installation Guidelines



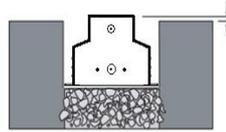
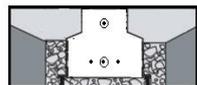
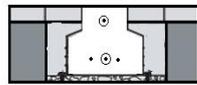
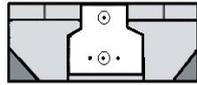
Valid Installations
1000kg walk-over compliant,
concrete-supported



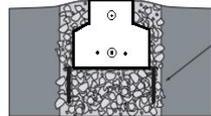
Concrete must support 100% of the mounting box's exterior surfaces in order to comply with 1000kg walk-over resistance requirements.



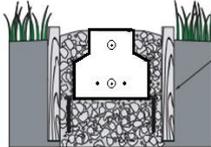
Valid Installations
500kg walk-over compliant,
self-supported



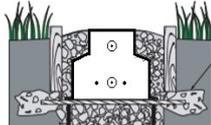
Ensure the fixture is slightly above ground when installing in turf or soil.



Drainage material is required under and around mounting box.



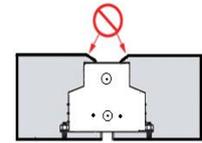
Framing should be installed to prevent vegetation from growing over lens.



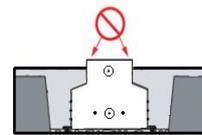
In marshland, reinforcing bars should be installed in concrete under the mounting box.



Incorrect Installations



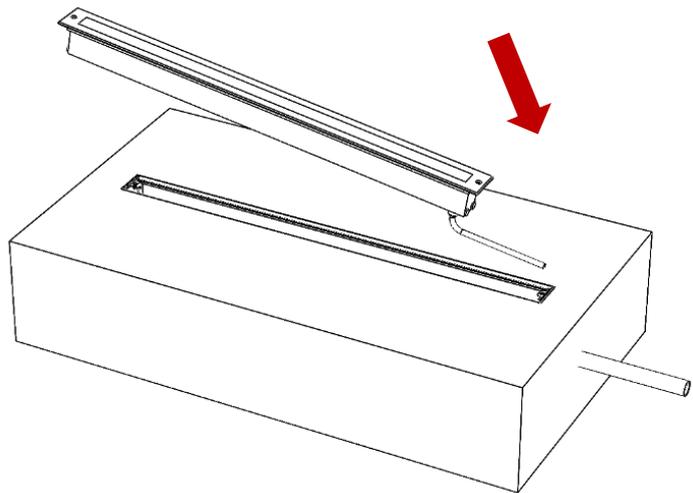
Mounting box must never be installed below ground level.



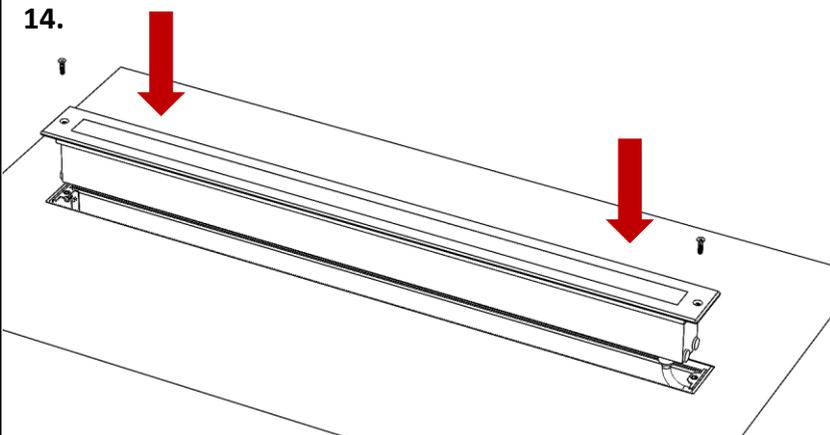
Mounting box must never protrude from ground level.

13. Luminaire Installation

Feed the electrical cable through the conduit or make the relevant electrical connections to incoming cabling outside of the mounting box. Once electrical cabling connections have been made, tuck the cable inside the box.



14.



Carefully fit the luminaire into the mounting box, ensuring the cabling does not get trapped.

Fix in position using the 2x M5 screws provided and ensure fitting trim sits flush with the ground.