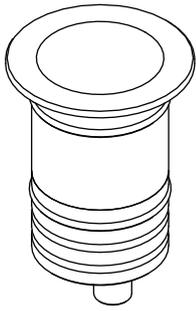
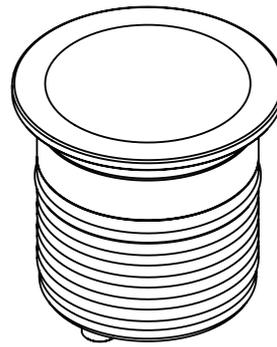


## Installation Instructions

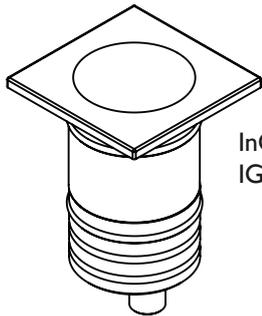
For InGround IG40, IG40-SQ, IG60,IG60-SQ and IG60-7



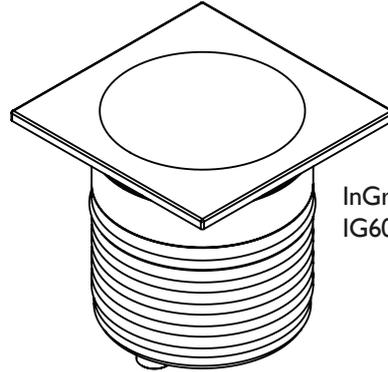
InGround40 Round -  
IG40-XX-XXX-XX-XX



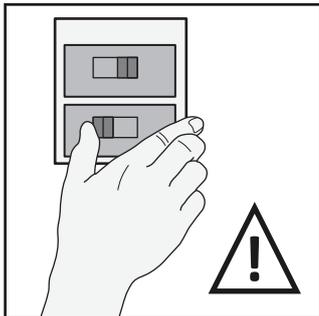
InGround60 Round -  
IG60-XX-XXX-XX-XX



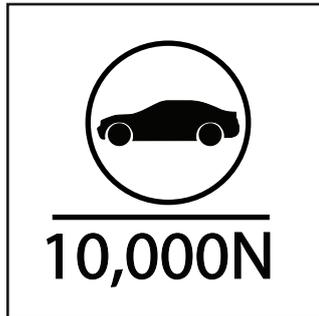
InGround40 Square -  
IG40-SQ-XX-XXX-XX-XX



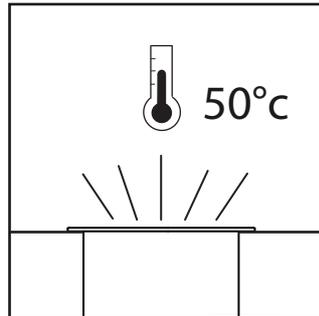
InGround60 Square-  
IG60-SQ-XX-XXX-XX-XX



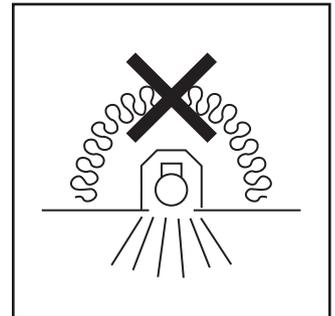
Switch off mains power before installation.



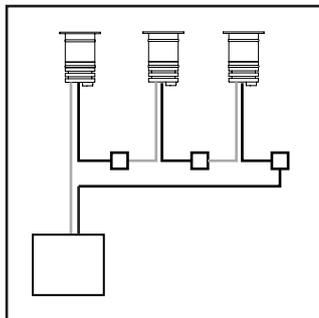
Maximum static load for these products is 10,000N or 1000kg.



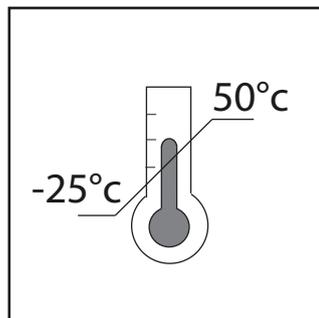
Maximum glass surface temperature 50°C



Do not cover luminaire with insulation material.



Products must be series wired. See page 8 for instructions.

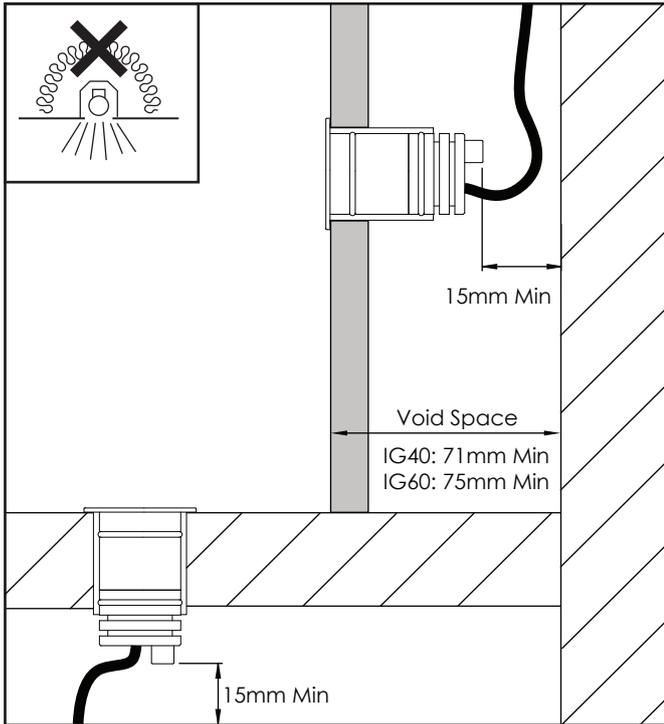


Max ambient temperature 50°C,  
Min ambient temperature -25°C.

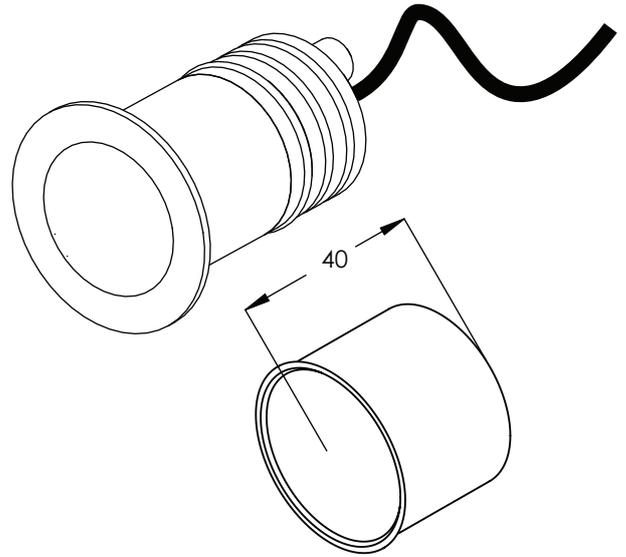
- Please read the following instructions carefully.
  - Follow all national and local wiring and safety regulations.
- Connecting or disconnecting these luminaires while powered will damage the LED.
- These products should only be installed by a qualified electrician.
- The light source contained in these luminaires shall only be replaced by the manufacturer, their service agent or a similarly qualified person.
- These products require an LED driver - **DO NOT CONNECT DIRECTLY TO MAINS POWER!**
  - Retain these instructions for future reference.

## Installation Instructions- Waterproof Sleeve

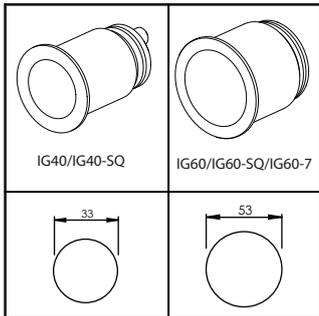
For Inground IG40, IG40-SQ, IG60,IG60-SQ and IG60-7



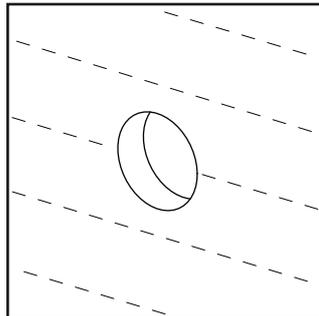
Waterproof sleeve installation. Do not cover fixture with insulation material.



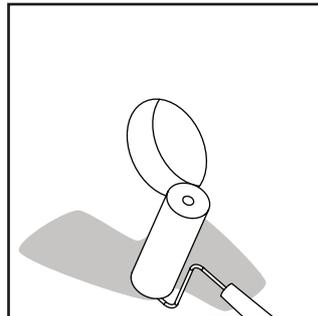
**IG40: IG40-TUBE**  
**IG60: IG60-TUBE**



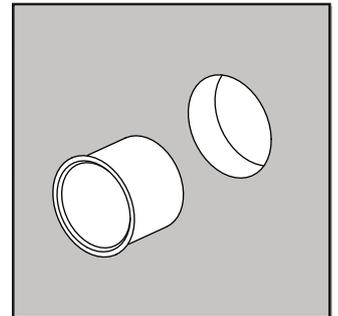
**1. Waterproof sleeve cutout size**



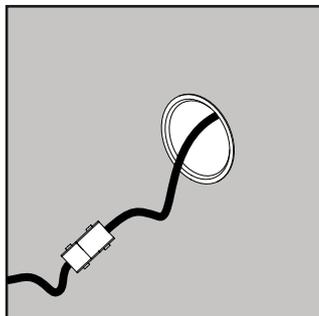
**2. Prepare cutout in surface**



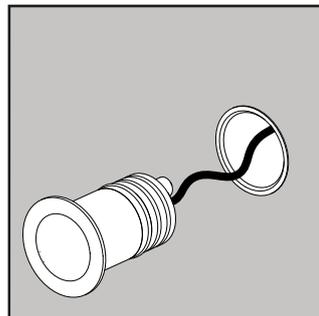
**3. Finish surface**



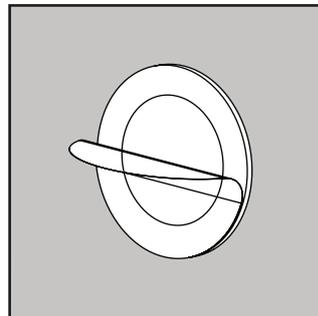
**4. Bond mounting tube into cutout**



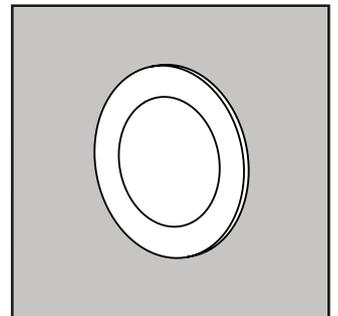
**5. Make connection with driver**



**6. Fix the luminaire into the mounting tube. O-rings should hold it securely**



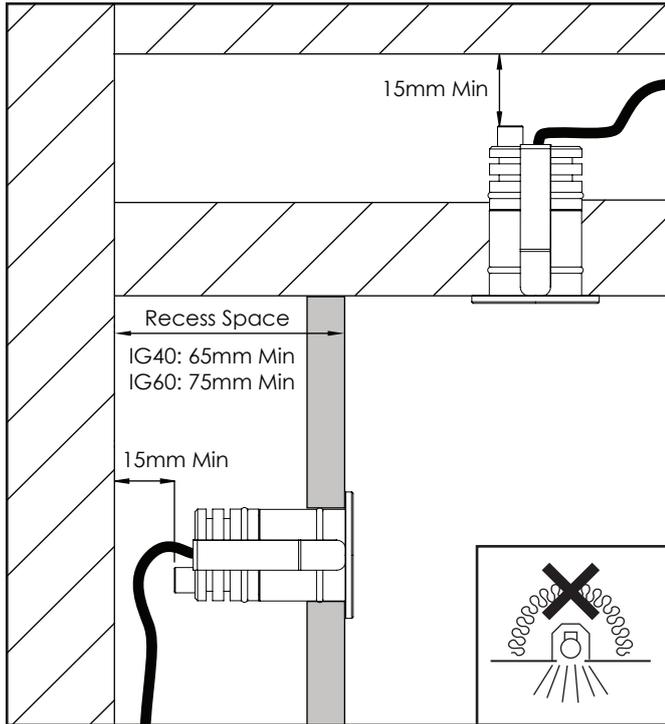
**7. Remove protective film**



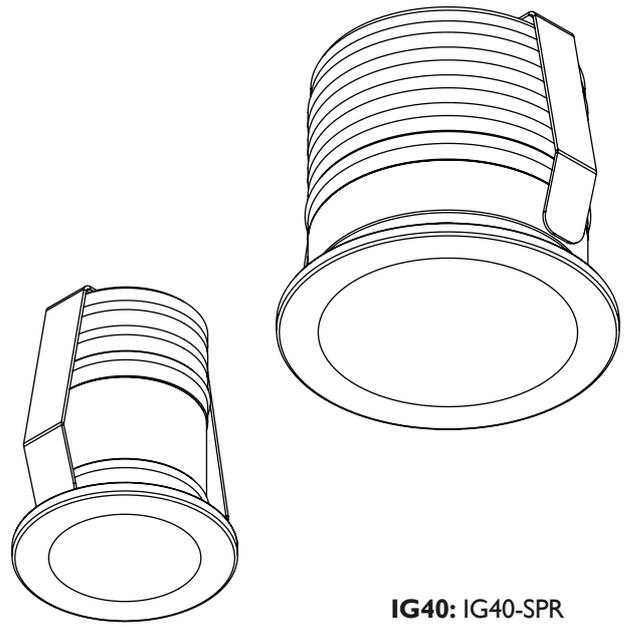
**8. Finished installation**

## Installation Instructions- Springs, Trim

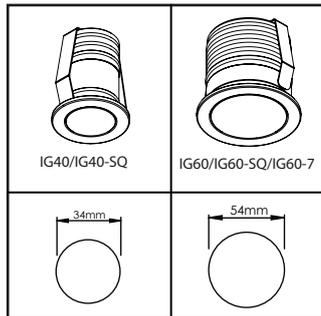
For Inground IG40, IG40-SQ, IG60,IG60-SQ and IG60-7



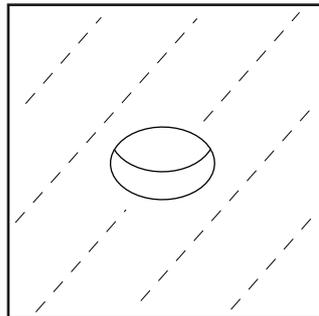
Wall and ceiling mounting with springs. Do not cover fixture with insulation material.



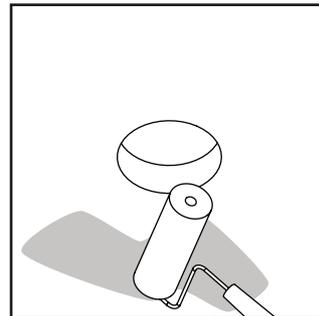
**IG40: IG40-SPR**  
**IG60: IG60-SPR**



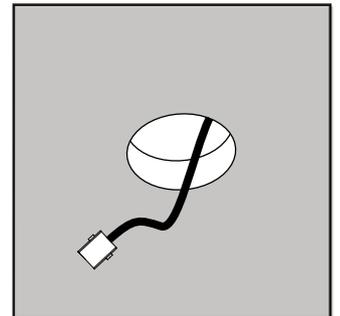
1. InGround springs cutout size.



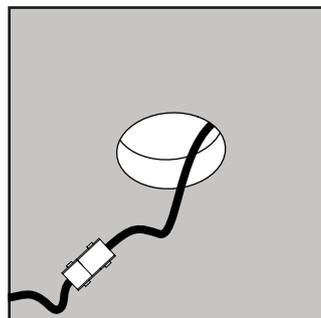
2. Prepare cut-out in surface.



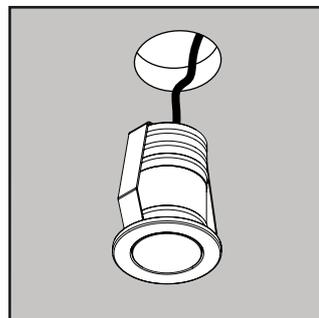
3. Finish surface.



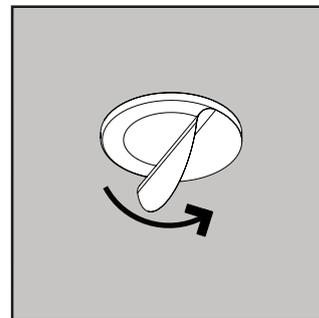
4. Drop down power supply cable.



5. Connect fitting to driver.



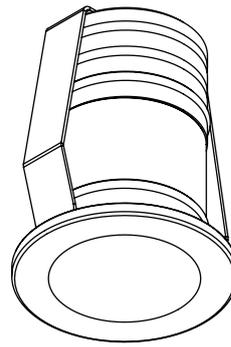
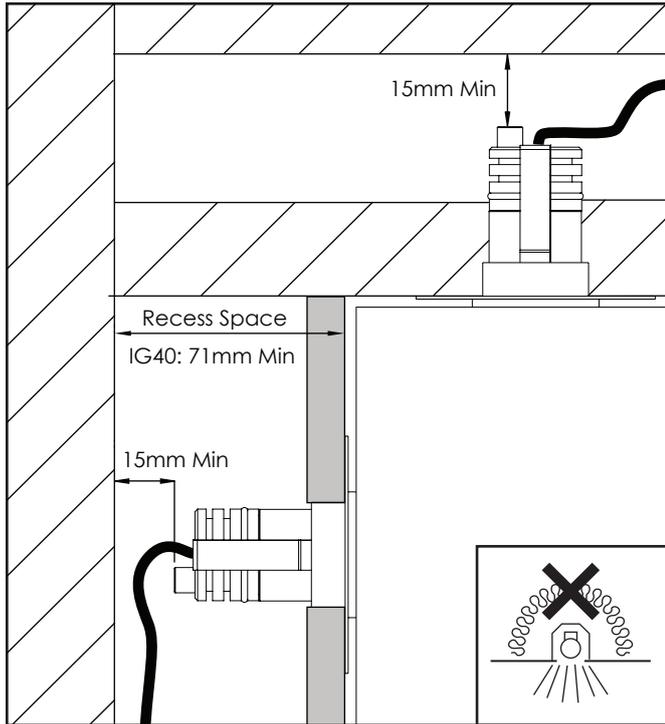
6. Push fitting into the cut-out. The springs will hold it securely in place.



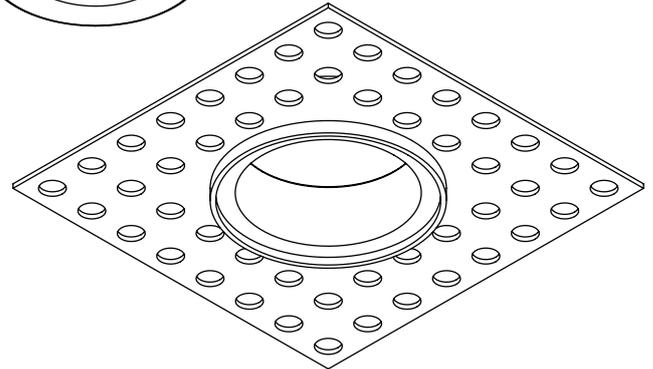
7. Remove protective film before use.

## Installation Instructions- Springs, Trim-less

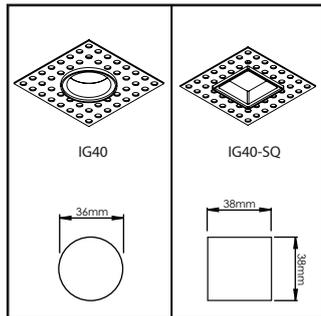
For Inground IG40, IG40-SQ



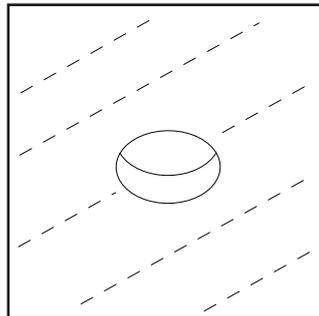
**IG40:** IG40-SPR-TL  
**IG40-SQ:** IG40-SQ-SPR-TL



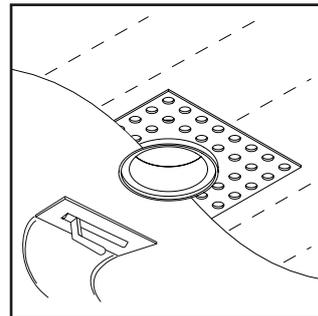
Wall and ceiling mounting with springs. Do not cover fixture with insulation material.



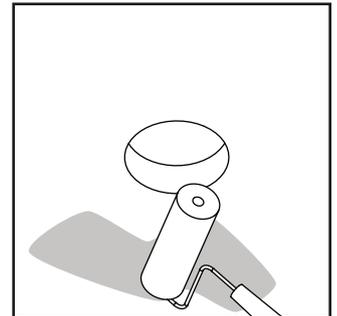
**1.** InGround springs cutout size.



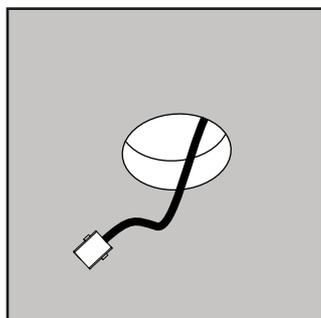
**2.** Prepare cut-out in surface.



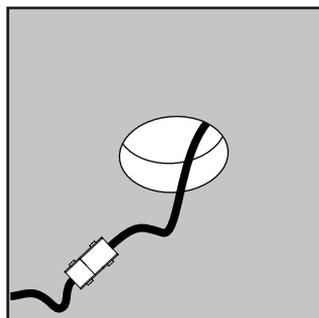
**3.** Secure TL kit to ceiling and plater-in.



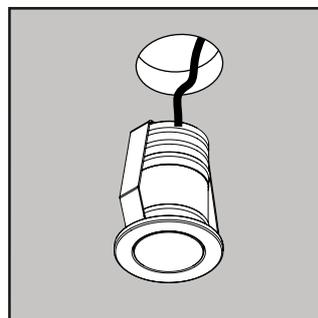
**4.** Finish surface.



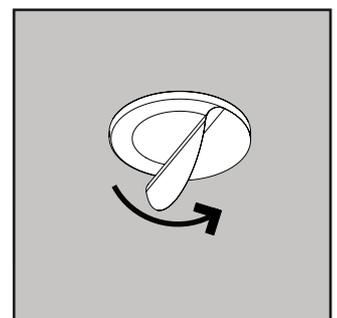
**5.** Drop down power supply cable.



**6.** Connect fitting to driver.



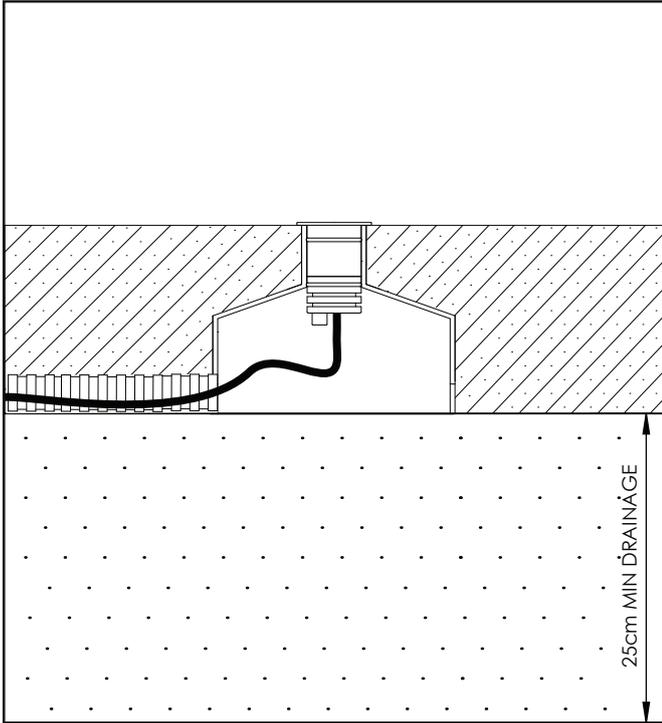
**7.** Push fitting into the TL kit. The springs will hold it securely in place.



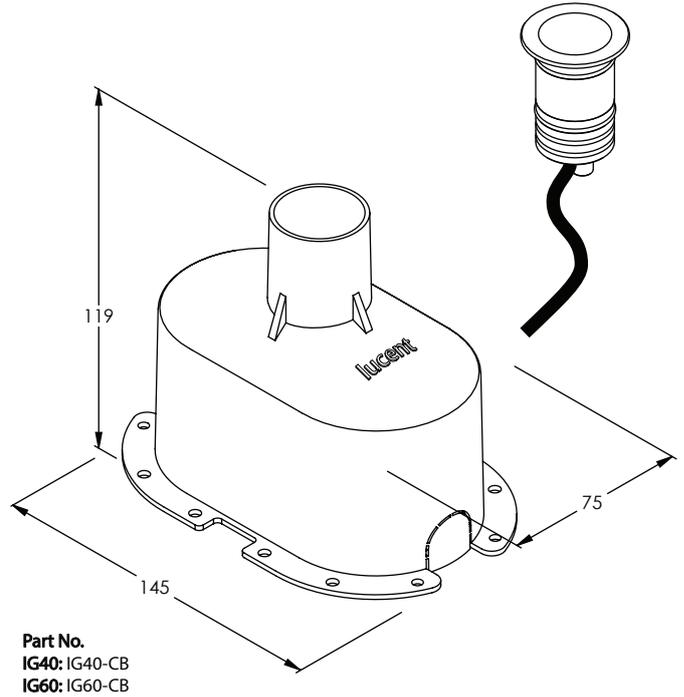
**8.** Remove protective film before use.

## Installation Instructions- Concrete Pour Housing

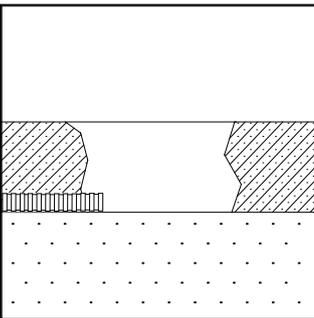
For InGround IG40, IG40-SQ, IG60,IG60-SQ and IG60-7



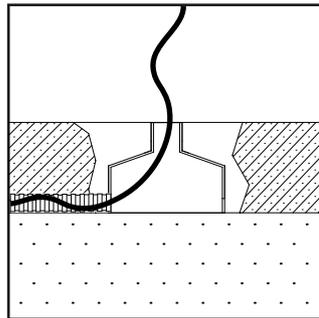
Ensure 25cm minimum of drainage beneath housing.



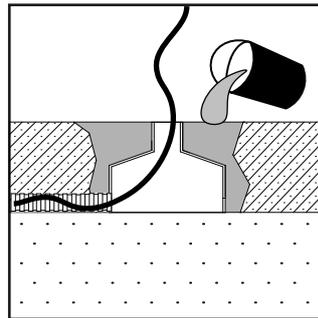
Part No.  
IG40: IG40-CB  
IG60: IG60-CB



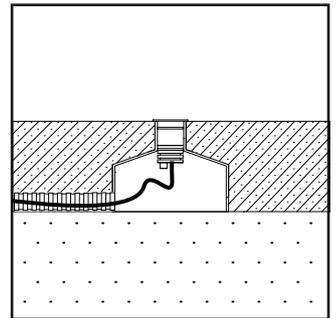
1. Prepare installation location. Ensure adequate drainage and cable access via 20mm conduit that is suitable for concrete burial.



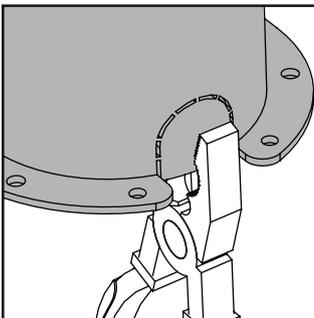
2. Ensure housing is secured to ground and stable. Connect housing to conduit. Seal any gaps that will allow concrete into the housing around the conduit and base.



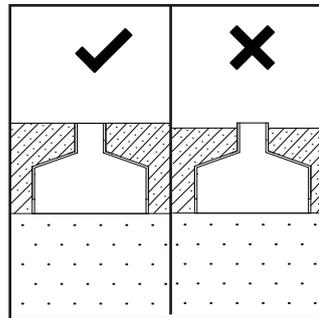
3. Fill in space around housing with concrete ensuring the top of the tube is level with the ground. Plug top of tube to prevent overspill.



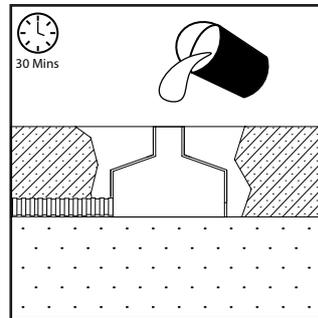
4. Push InGround into housing. O-rings should hold product securely in place.



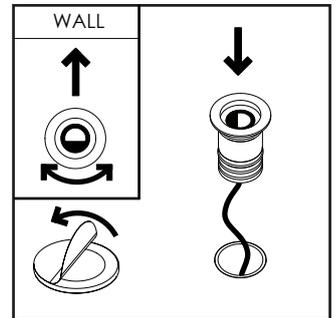
Conduit knockouts can be easily removed with a pair of pliers.



Housing must be level with surface.



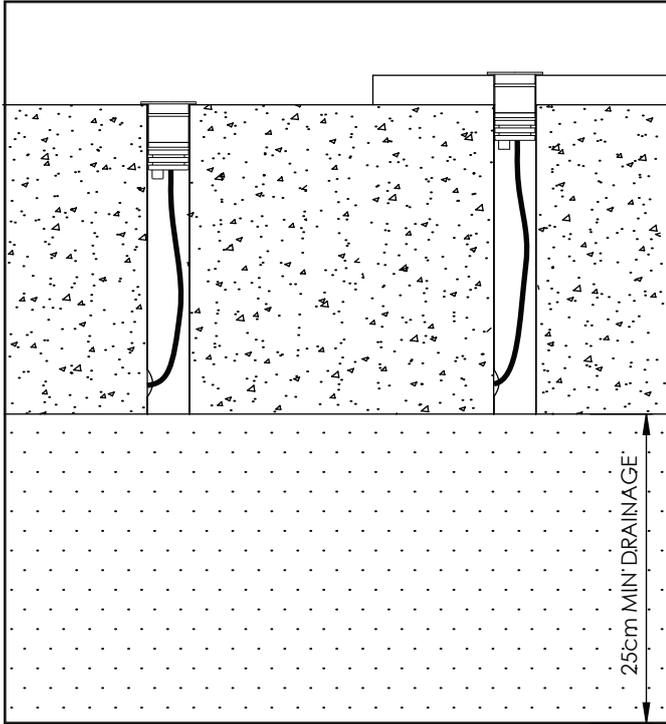
Test drainage by filling housing with water- housing should be empty after 30 mins. If it does not empty, drainage is insufficient.



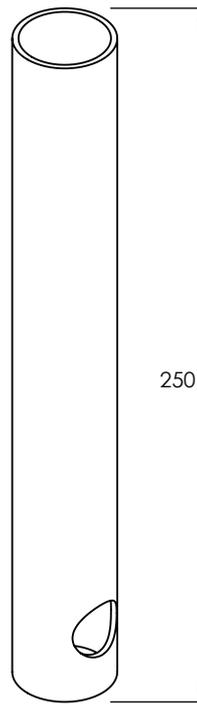
Ensure any accessories are oriented correctly and remove protective film before use.

**Installation Instructions- Waterproof Sleeve**

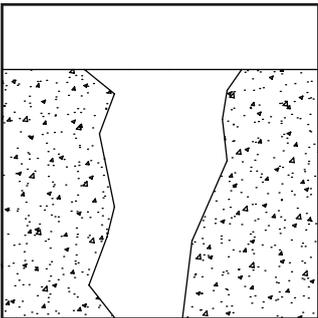
For Inground IG40, IG40-SQ, IG60, IG60-SQ and IG60-7



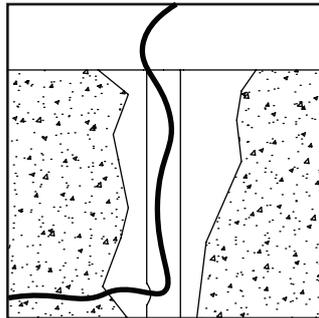
Installation in soil/gravel or paving stone. Ensure 25cm minimum of drainage beneath tube.



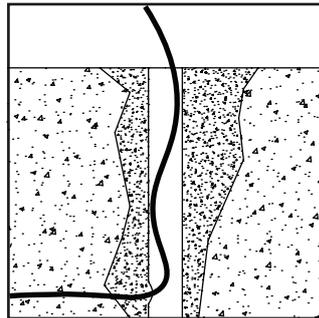
**Part No.**  
**IG40: IG40-SGTUBE**  
**IG60: IG60-SGTUBE**



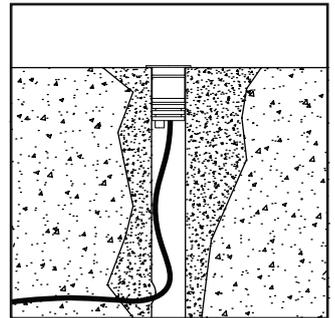
**1.** Prepare hole in ground, ensuring there is adequate drainage below.



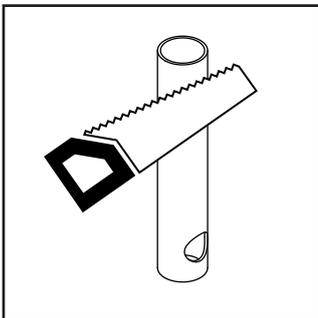
**2.** Place tube in hole with power cable running through it. Ensure cable is protected and will not become damaged over time.



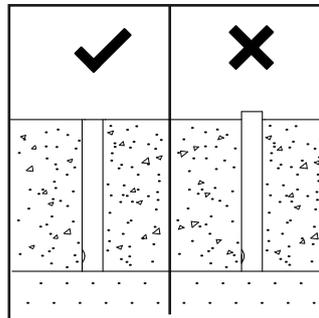
**3.** Fill in hole around tube ensuring the top of the tube is level with the ground.



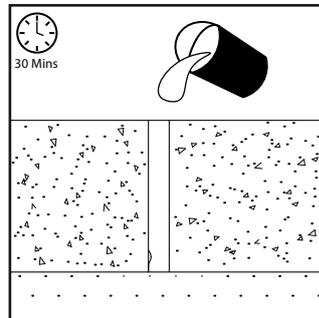
**4.** Push InGround into tube.



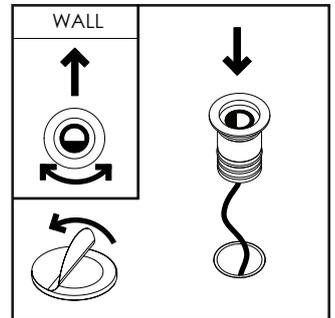
Tube can be carefully cut to length if required. Make sure there is always adequate drainage below tube.



Tube should be level with surface.



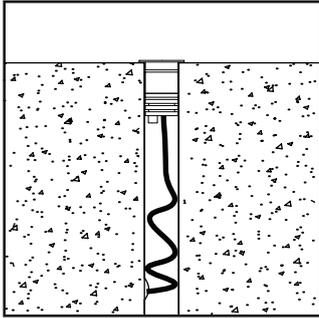
Test drainage by filling tube with water. Tube should be empty after 30 mins. If it does not empty, drainage is insufficient.



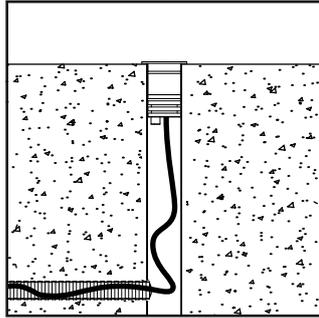
Ensure any accessories are oriented correctly and remove protective film before use.

## Installation Instructions- Single Wiring

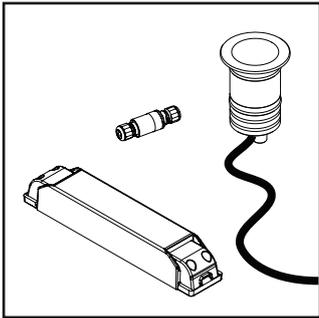
For Inground IG40, IG40-SQ, IG60,IG60-SQ and IG60-7



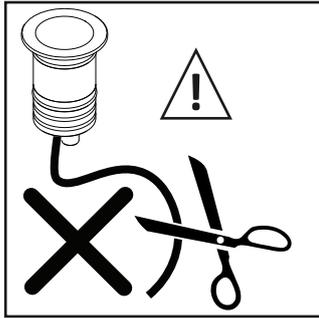
Allow slack in cable to enable easy removal during maintenance.



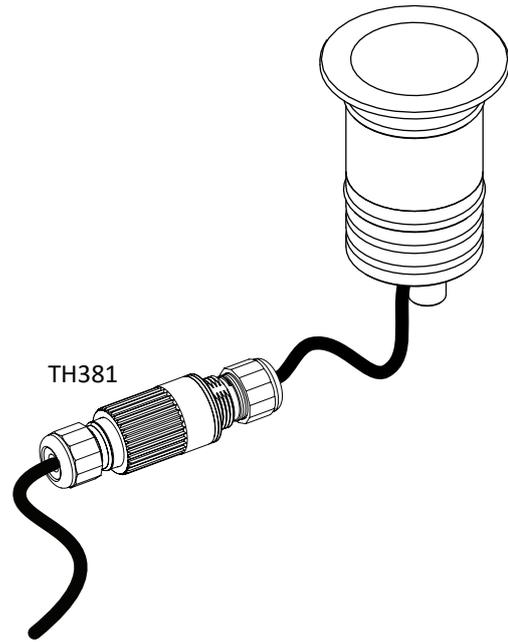
20mm conduit can be used to provide additional protection to cables. Arrange conduit so water will drain out.



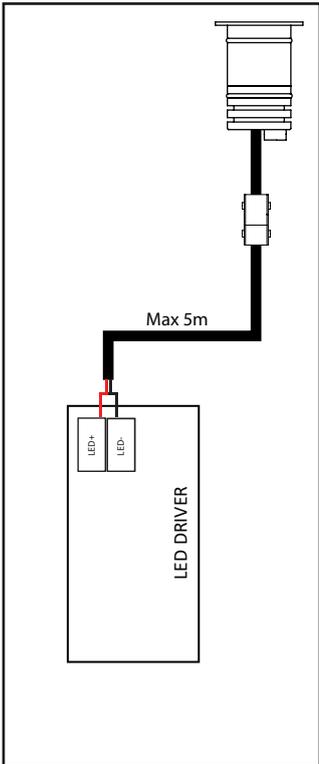
First plan the layout, including where drivers and connectors will be located



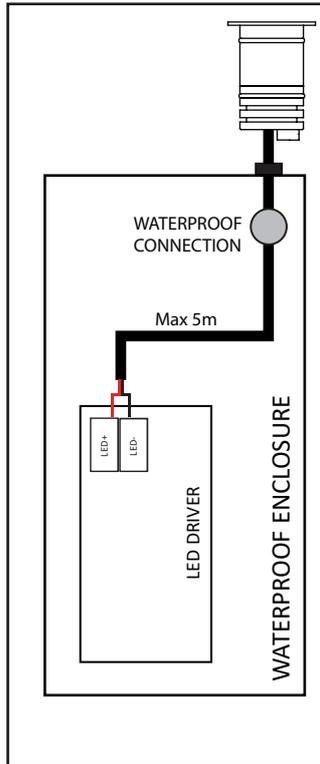
Be careful not to damage outer sheath of cable when making connections



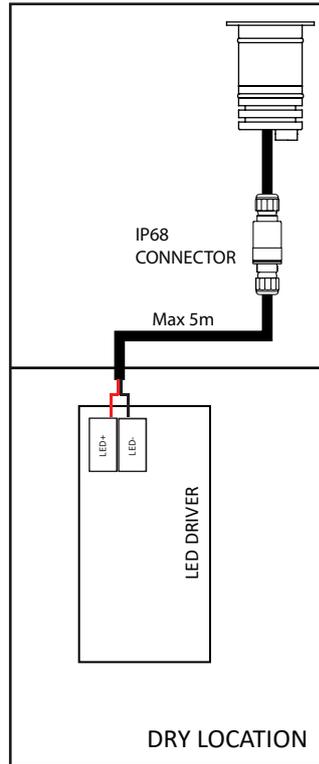
TH381



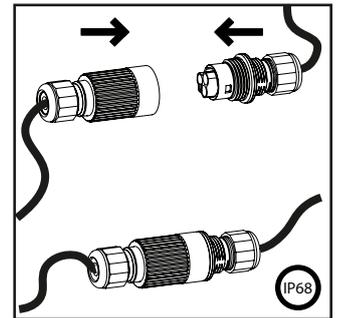
Indoor applications



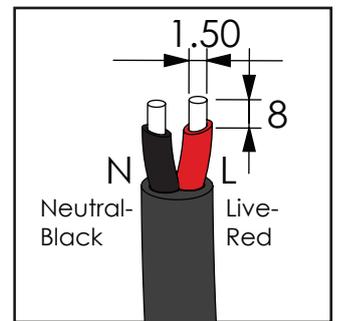
Outdoor applications. Enclosure must be kept above ground.



Outdoor remote driver



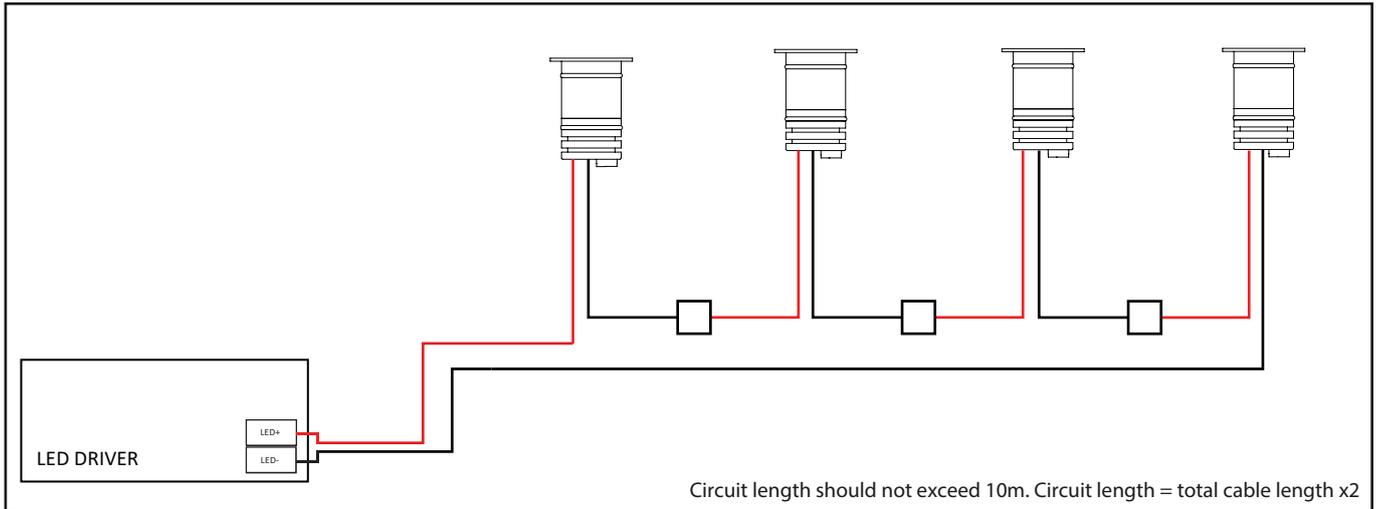
All outdoor wiring connections must be made with waterproof and weatherproof connectors.



Cable conductor max size 2 x 1.5mm.

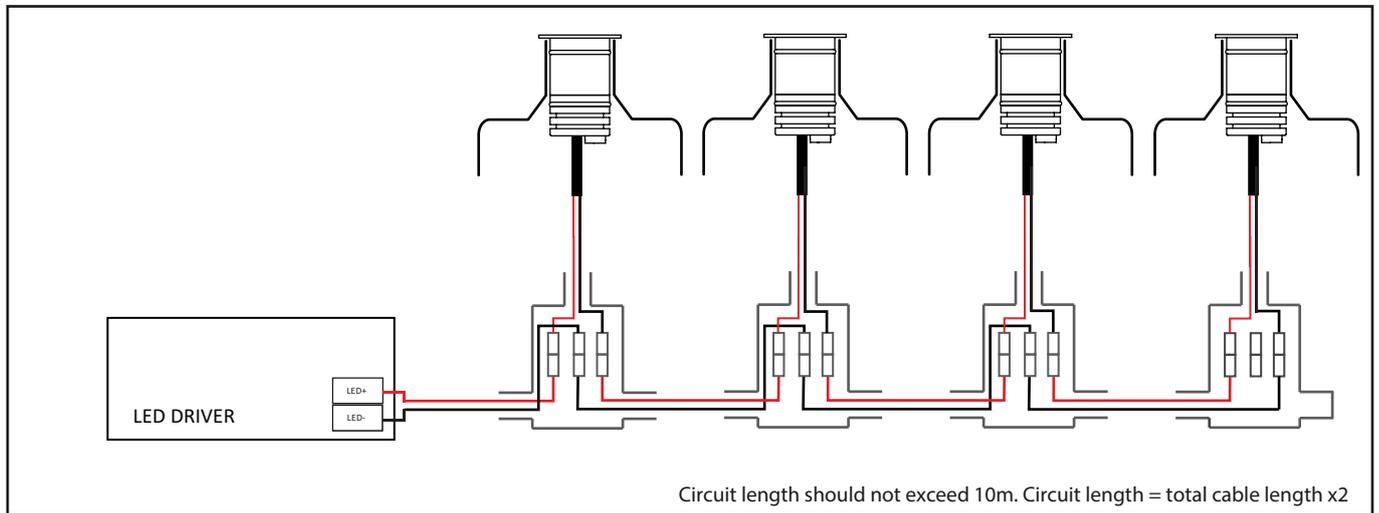
## Installation Instructions- Single Wiring

For InGround IG40, IG40-SQ, IG60,IG60-SQ and IG60-7



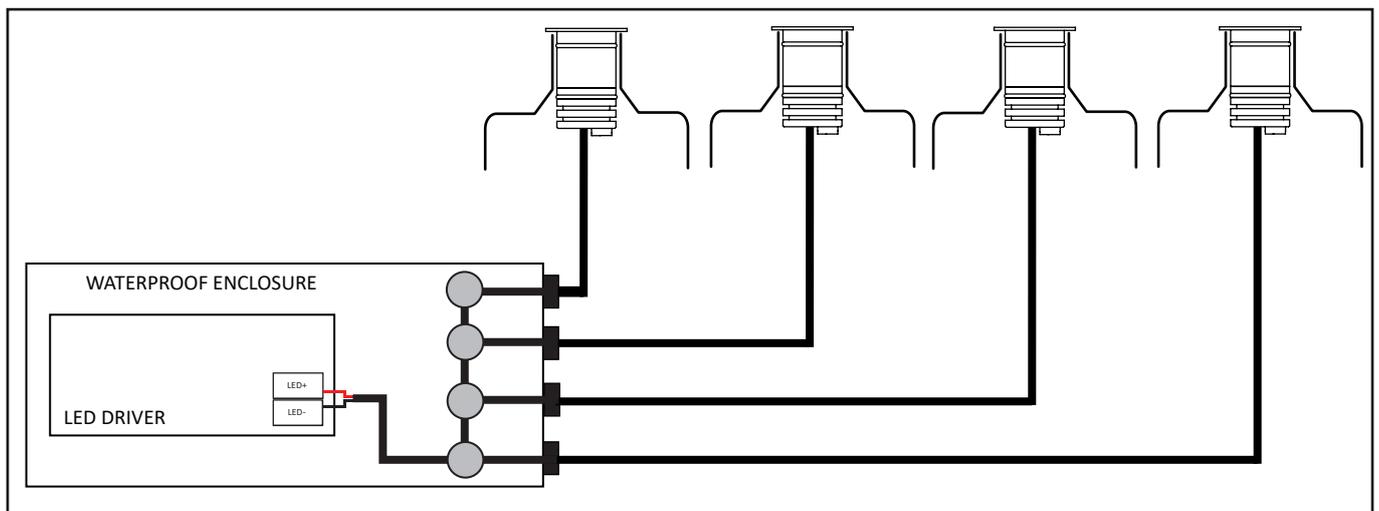
Circuit length should not exceed 10m. Circuit length = total cable length x2

Series wiring block diagram InGround products



Circuit length should not exceed 10m. Circuit length = total cable length x2

Series wiring InGround products using wiring boxes



Series wiring InGround products inside driver enclosure.