

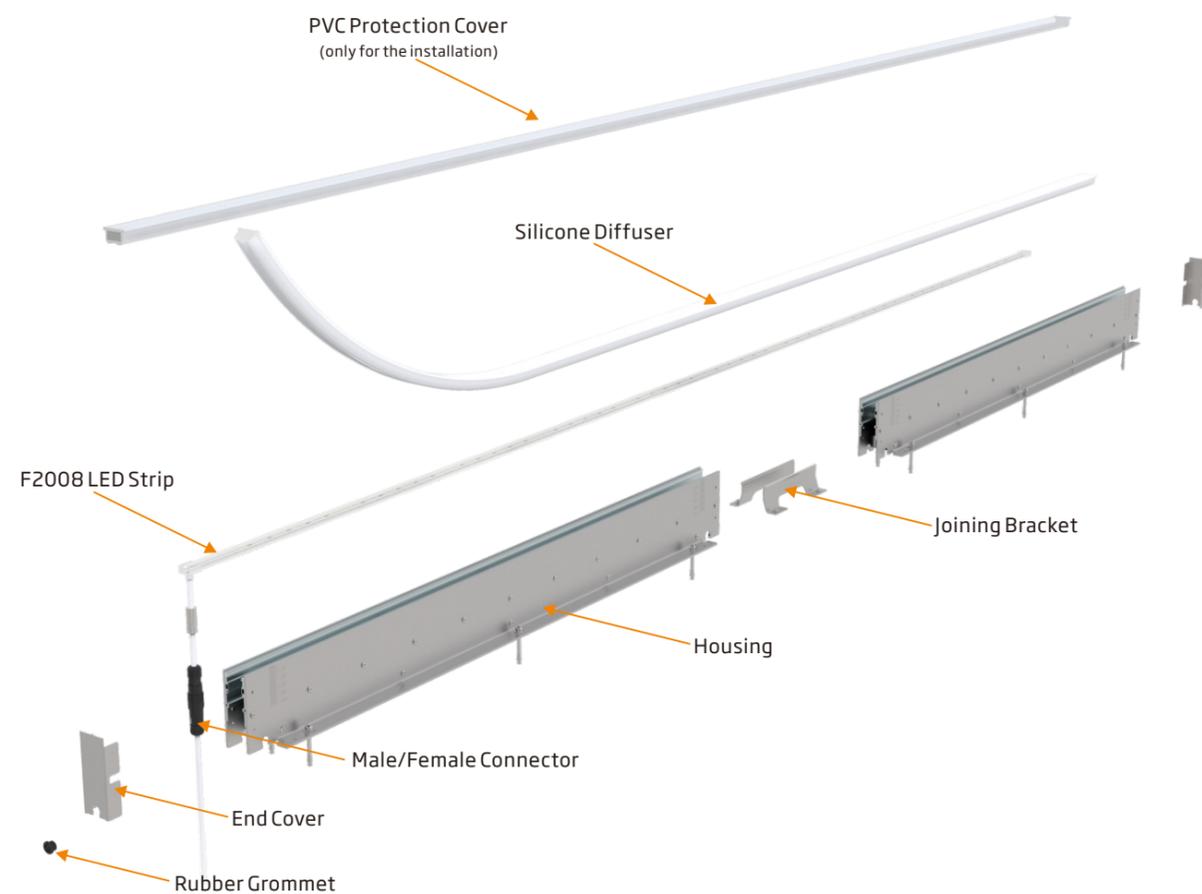
OPERATION  
INSTRUCTION

# In-ground Light Installation



**CLEAR**

## Components

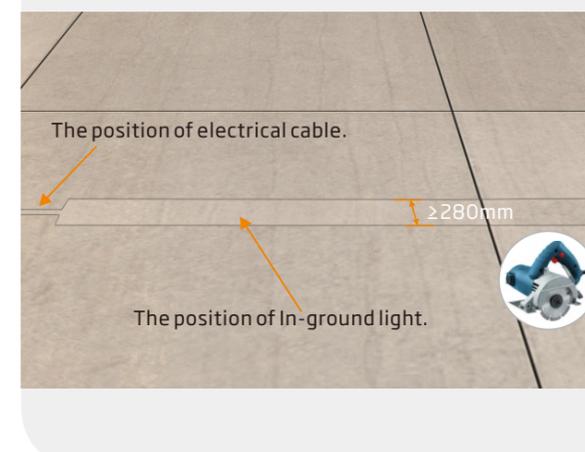


## Installation Cautions

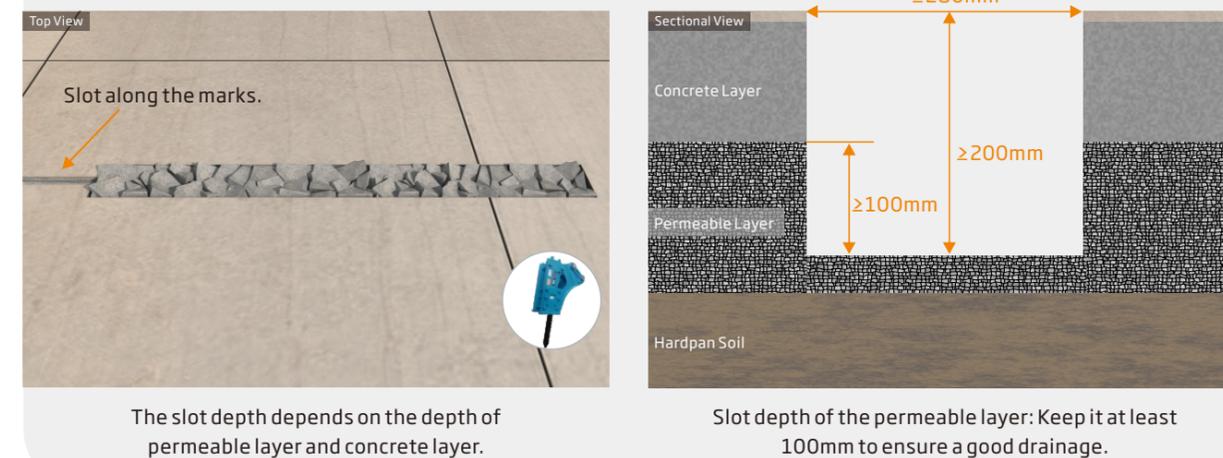
- Switch off the main power supply before installation.
- Always ground the fixture and conduit system in accordance with local and national electrical codes.
- For optimal light output, keep the fixture surface clear and free from dirt, dust, plants, leaves, and any other kind of obstruction.
- This fixture is suitable for concrete pour, brick, pavers, and masonry installations.
- It's not applicable to underwater environments. Please avoid the placement in ground depression and make sure the area beneath the sides of luminaires has a good drainage effect.
- If the placement in ground depression is inevitable, please set up a purpose-built drainage system to prevent luminaires from long-term immersion.
- The electrical cable should be one continuous piece, otherwise, the water ingress might occur from the cable joint.
- Please fully consider your site conditions referring to the following dimension for the installation. The in-ground light should be aligned with the floor after the installation and can drain the water via the permeable layer.

## Installation Instructions

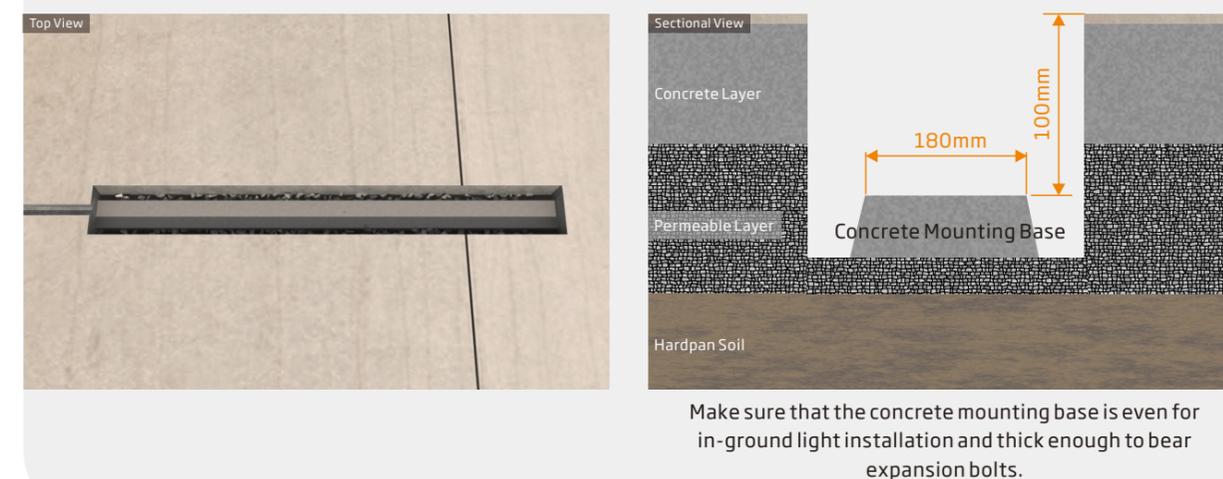
### Step 1 ▶ Marking and cutting.



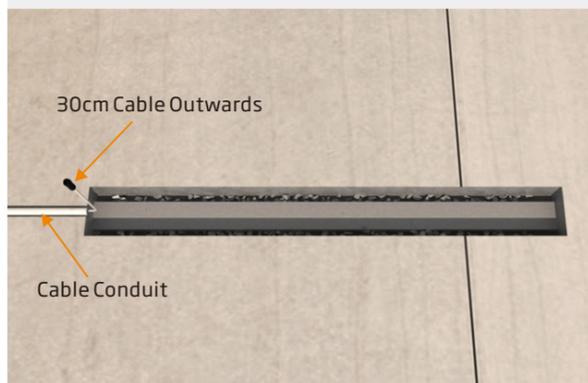
### Step 2 ▶ Breaking and slotting.



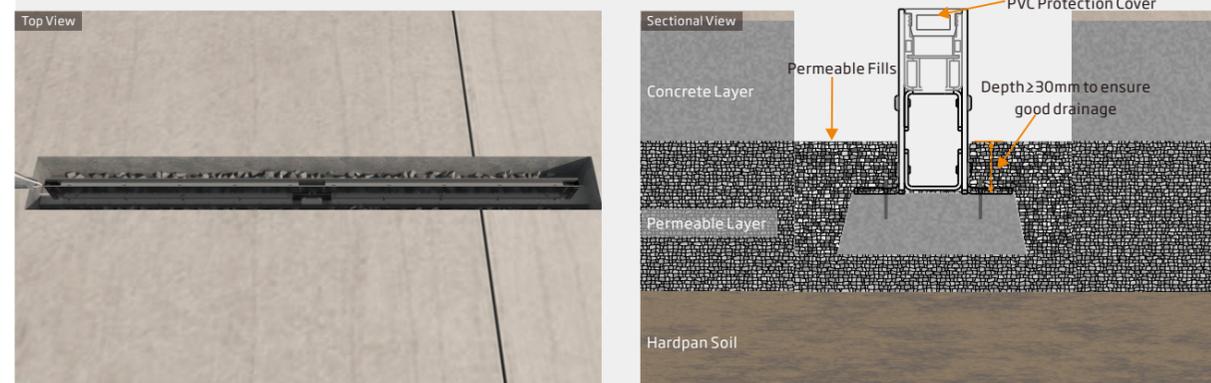
### Step 3 ▶ Build a concrete mounting base for the in-ground light.



Step 4 Cable laying.

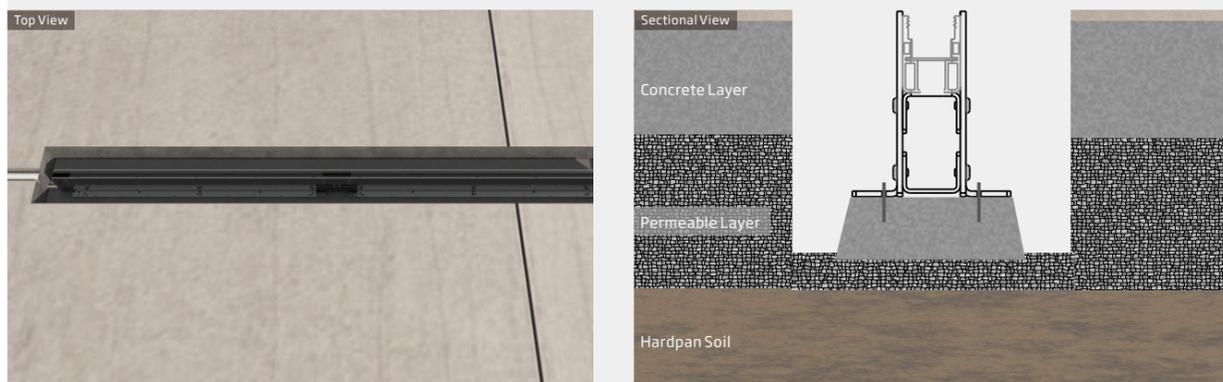


Step 6 Pack with the permeable fills and then compact them.



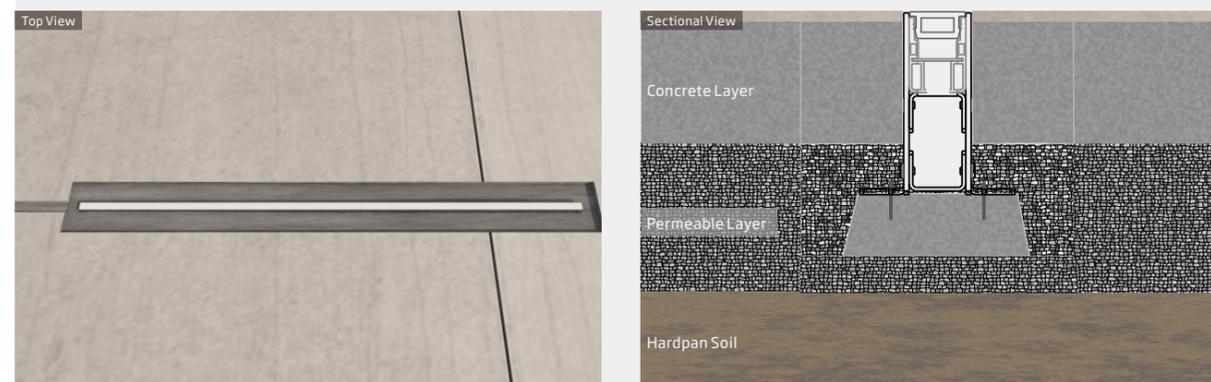
Remember to seal the top of housings with PVC protection covers before pouring the fills.

Step 5 Fix the housing of in-ground light.



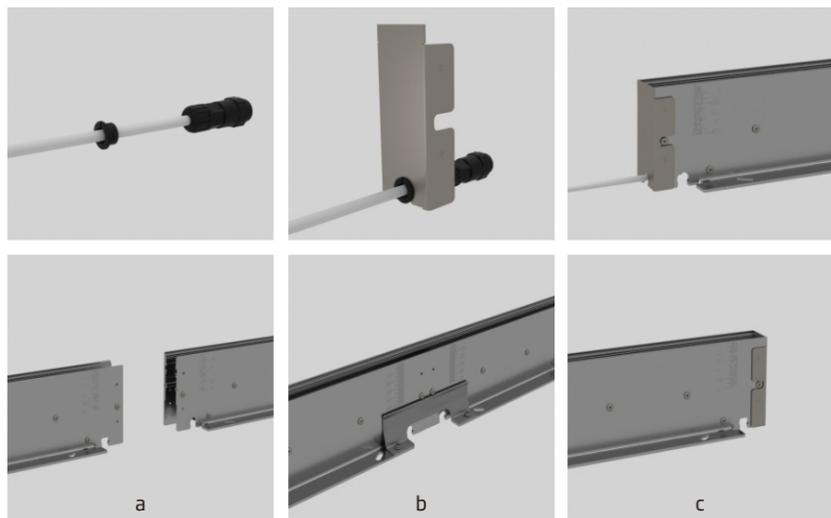
Use the expansion bolts to fix the housing beginning from the power input end.

Step 7 Pack with the concretes.



Handle in the same way for the cable conduit.

Repair the ground surface by paving the same flooring as before, like floor tile, square brick, marble, etc.

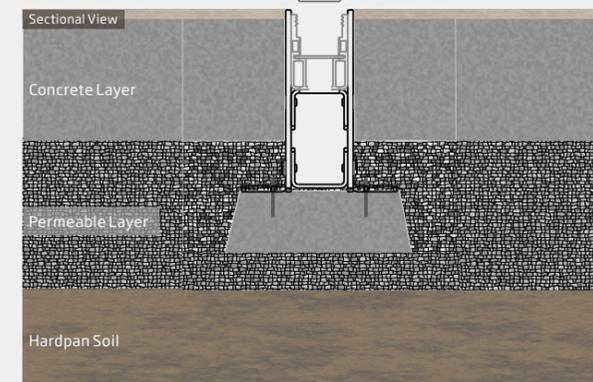
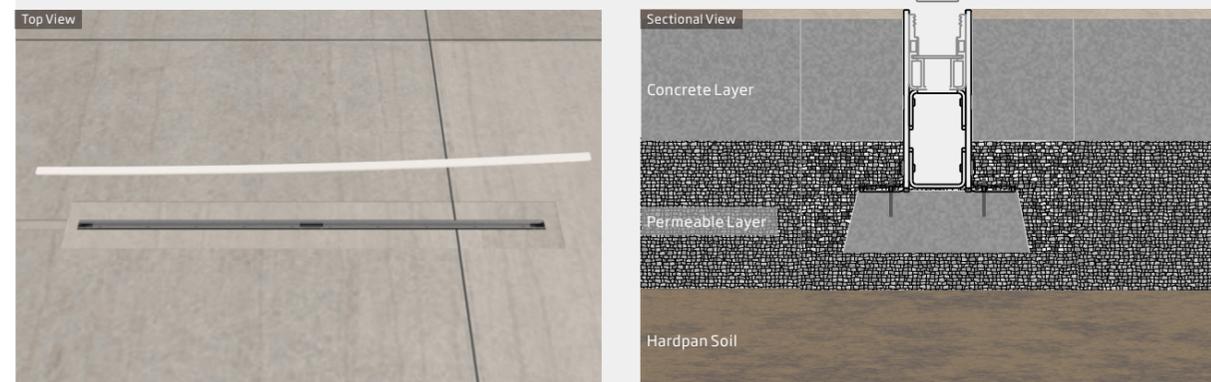


Make sure the end cover is in place when drawing the electrical cable into the housing.

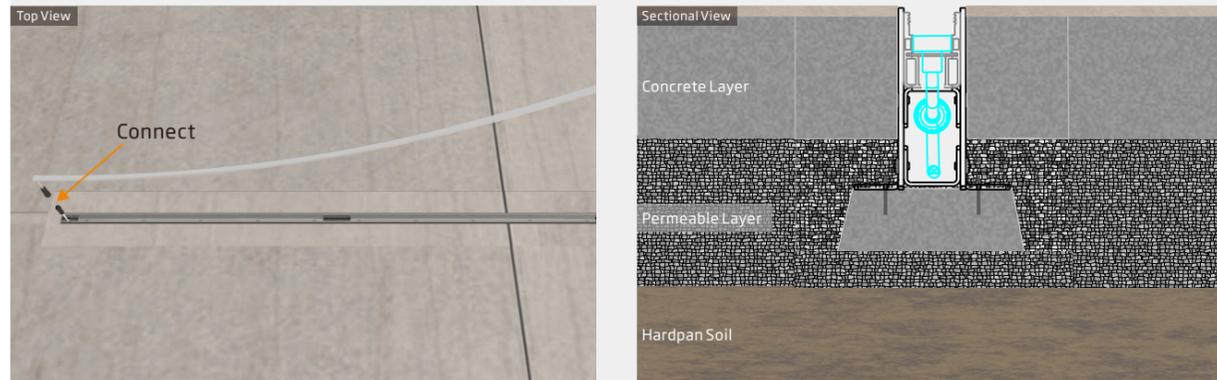
- a. Fix the housing orderly and extend more lengths as desired.
- b. Align the housings and then connect them by joining brackets.
- c. Cap the end.

Note:  
Please refer to the graduates on the housing for paving and in-ground light installation at the accurate height.

Step 8 Take out the PVC protection cover.

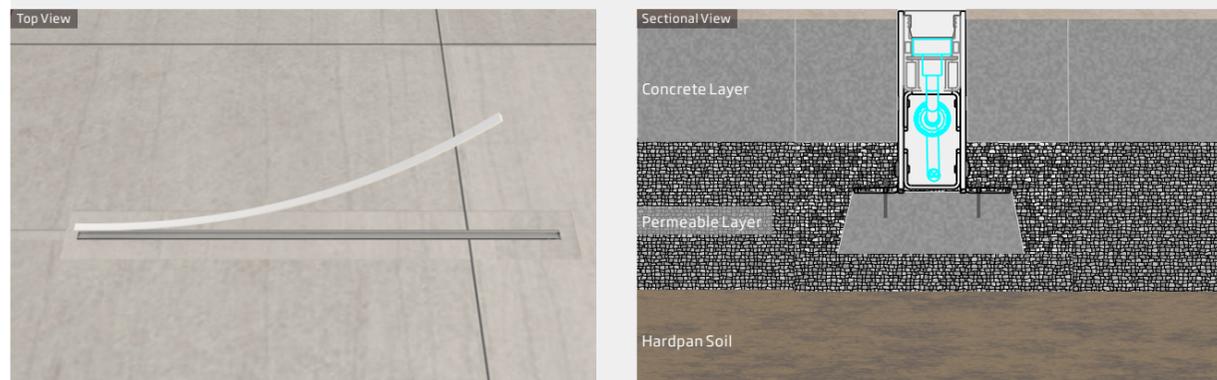


Step 9 ➤ Install the lights and power on.

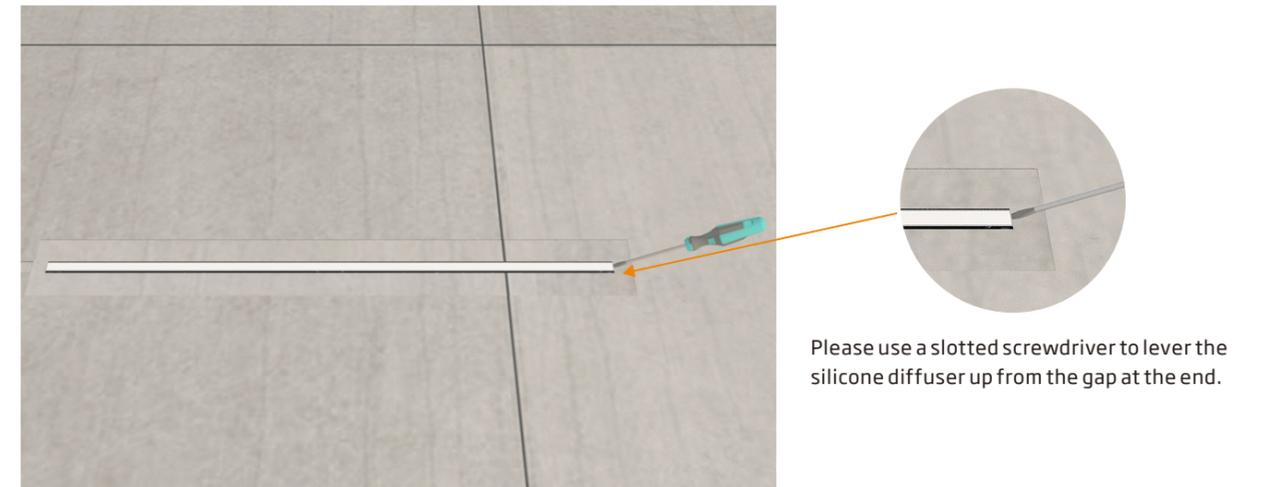


- Connect the connector of electrical cable placed in the housing with the connector of light;
- Fit the lights orderly starting from the power input end;
- Check the wiring and then power up.

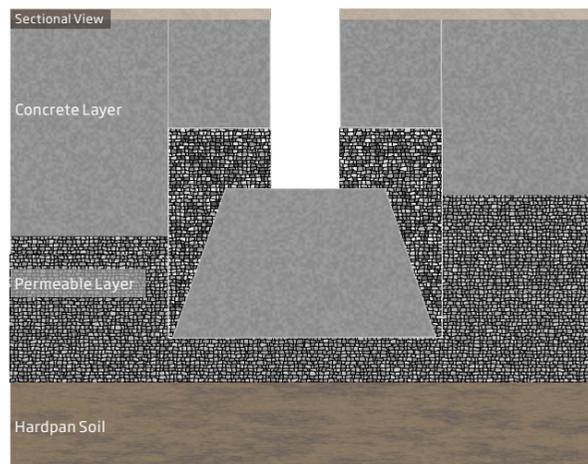
Step 10 ➤ Seal with the silicone diffuser after the light works well.



## Takedown



## Supplement



When the concrete layer in the ground is too thick, please deepen the slot depth accordingly to ensure the bottom part of in-ground light is situated in a permeable layer.