

**ASTA ADJUSTED**

ASTA series installation instructions

SERIES	Embedded part size (outer diameter)
BB00205	Φ 138mm
BB00207	Φ 138mm

### Application range

The product is suitable for indoor and outdoor environment, such as squares, side walks, yards, corridors.

Subject to our real product!

### Installation instructions I

This is suitable for trim cover installation.

**1.1** Install the embedded part, tidy the cable.

The embedded part flush with the ground

The embedded part above the settled power cable

Sandstone to drain away water. Suggested thickness: at least 30-50 cm

**1.2** Connect waterproof accessory install the light

Waterproof wire connector

Optional accessory 1

**1.3** Light up and finish installation

220V AC Power

24V DC

Waterproof junction box

Optional accessory 2

Optional accessory 3

**1.4** Adjust the angle as shown below

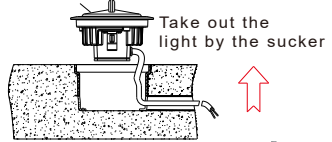
5mm allen wrench

15°

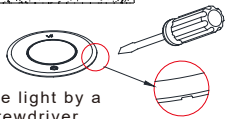
0°

Turn the screw clockwise. Max rotation angle: 15°

**1.5** If maintenance or change needed, take out the light by matched sucker or straight screwdriver.



Take out the light by the sucker



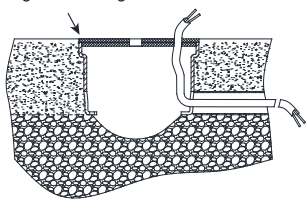
Take out the light by a straight screwdriver

## Installation instruction II

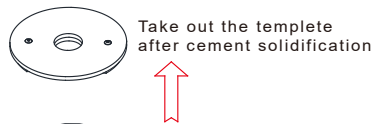
This is suitable for flush ground installation

**2.1** Install the embedded part and tidy the cable

Put the template in the embedded part, flushing with the ground

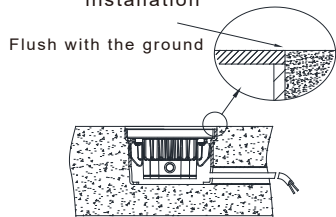


**2.2** Connect waterproof accessory install the light



Take out the template after cement solidification

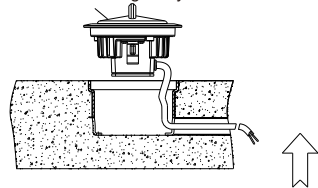
**2.3** Connect the power cable as per 1.2, 1.3. The light flush with the ground after installation



Flush with the ground

**2.4** Take out the light with the sucker for maintenance or change.

Take out the light by the sucker



3.

## Wiring instructions

2 core wire (for non-dimmable light)



Brown: DC 24V +  
Blue: DC 24V -

4 core wire (for DALI/0-10V dimmable light)



Red: DC 24V +  
Black: DC 24V -  
Green: DIM +  
Yellow: DIM -

6 core wire (for DMX dimmable light)



Brown: DC 24V +  
Green: DC 24V -  
Purple: DIM +  
Gray: TI/TO  
White: DIM -  
Black: GND

- Use only drivers that comply with IEC or CE safety standards.
- Check if the power supply match with the luminaire.
- Must consider the maximum current value displayed on the label of the luminaire.
- The voltage displayed on the luminaire is not used to select the constant voltage driver, but the voltage covered by the selected constant current driver.
- Take suitable ESD measures to avoid touching bare conductors.
- LED chips can be damaged if be in touch with chemical material or gas. Therefore, it is not allowed to clean the LED housing or luminaire by chemicals.
- The following items are confirmed to have negative impact on the performance of the luminaire, avoid to keep luminaire in the same circumstance with them.
  - Methyl acetate or ethyl acetate (i.e., nail polish remover)
  - Cyanoacrylates (i.e., "Superglue")
  - Glycol ethers (including Radio Shack ® Precision Electronics Cleaner - dipropylene glycol monomethyl ether)
  - Formaldehyde or butadiene (including Ashland PLIOBOND ® adhesive)
  - Dymax 984-LVUF conformal coating
  - Loctite Sumo Glue、 Loctite 384 adhesive、 Loctite 7387 activator
  - Gorilla Glue、 Bleach, Bleach-containing cleaners, sprays
- Remove the insulation material from the luminaire or provide enough space so that the temperature raising will not overpass the limited TC.
- LED chip is very sensitive to switching transients, therefore, LED lamps and appliances must be connected after power cut off, no hotswappable.
- Recommends using the driver indicated on the luminaire manual.
- Must consider the polarity of the product.
- If the external flexible cable or cord of this lamp is damaged, the cord should be replaced by the manufacturer or its service agent or a similarly qualified person
- The light source in this lamp should be replaced by the manufacturer or its service agent or a similarly qualified person

4.