Electrical and Control

ET7048

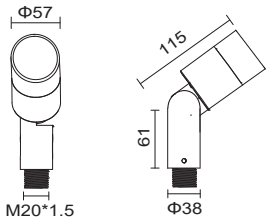
Voltage	24VDC
Power	10W
Power Supply	/
Control	ON/OFF / 0-10V
Insulation Class	Class III
Cable	0.5M H05RN-F 2x1mm²
Environmental	-40 °C ~ 50 °C

LED and Optics

LED Brand	CITIZEN / CREE
LED Quantity	COB X 1
Beam Angle	15° / 24° / 36° / 50° / H40°xV20°
Delivered Lumen	869lm(24° 3000K)
Colour Rendering	CRI 80
SDCM	≤3
CCT	2700K / 3000K / 4000K/ 5000K
LED Optic	PMMA Lens

Physical

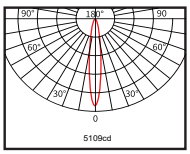
Housing	Die-cast aluminum
Lens Material	Tempered glass
External Screw	Stainless steel material
Surface Treatment	Anticorrosive coating
Net Weight	0.7KG
Warranty	3 years
Rating	IP65
Impact Protection	IK08
Certifications	CE



RAL9011 | RAL9006 | RAL9016

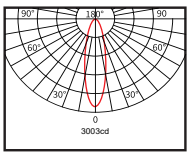
Mineral bronze | RAL7012 | RAL7016

Photometric curves:



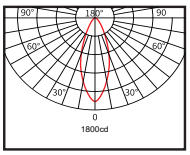
ET7048.15.30K

H(m)	ø(m)	Ix(MAX)
2	0.68	1275
4	1.37	319
6	2.06	141
8	2.74	79



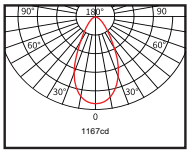
ET7048.24.30K

H(m)	ø(m)	Ix(MAX)
2	1.14	751
4	2.29	188
6	3.43	83
8	4.58	47



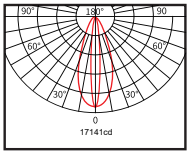
ET7048.36.30K

H(m)	ø(m)	Ix(MAX)
2	1.57	450
4	3.14	112
6	4.71	50
8	6.28	28



ET7048.50.30K

H(m)	ø(m)	Ix(MAX)
2	1.83	273
4	3.67	68
6	5.50	30
8	7.37	17



ET7048.2050.30K

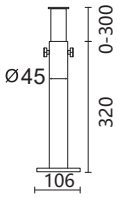
H(m)	ø(m)	Ix(MAX)
2	0.66	470
4	1.34	117
6	2.01	52
8	2.70	28

Mounting of Accent Lights

ET7048

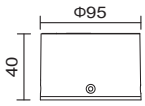
ET621
Plastic spike Plus
Max loading ≤10kg
Capable in corrosive area

ET608
Telescopic mounting rod
320-620mm adjustable

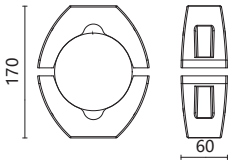


ET605
Tree strap
For tree mounted
Suitable for the tree with dia 100-230mm

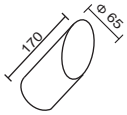
ET622
Base(Aluminum)



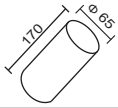
ET609
For the permanent installation of floodlights
with mounting box round connection
on pole, Pole Dia. ø95~ø100mm



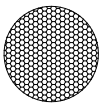
ET380
Angled retractable shroud



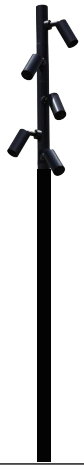
ET381
Straight retractable shroud

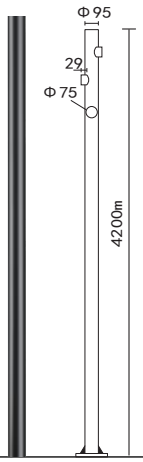


ET246
Honeycomb louver



ET612
High Pole Spotlight
Customer height is available, Mutiple projectors with different arrays



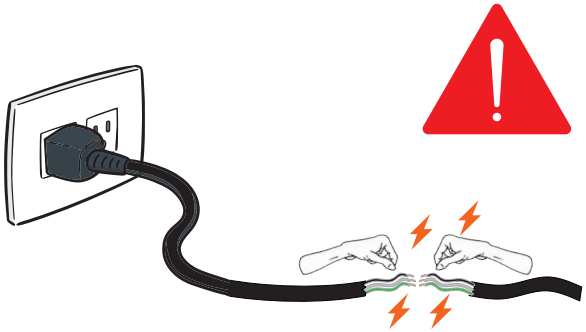


Installation Instructions

Matters needing attention

- Before the lamp is connected, please carefully check the input voltage, so as not to cause damage to the lamp.
- The installation and removal of lamps require professional technical personnel to operate.
- When you open the package, please check if there are signs of serious damage to the lamps.
- When connected, please cut off all lighting fixtures to connect the power supply, so as not to get an electric shock.
- This product can only be installed in dry or sunny weather.
- Can not remove the original structure, to avoid leakage of light.
- Glass with waterproof and dust, such as the discovery of broken glass, please replace the glass in a timely manner.
- Waterproof grade IP65 lamps, lamps shall not be installed in the low-lying or long-term water, electrical boxes need to be higher than the surface.
- Lighting outlet and on-site power supply cable connection needs to do IP68 protection level, so as not to affect the normal operation of the lamp.
- Please choose according to product appearance specifications corresponding to the power supply, power cable, not led lamp and metal halide lamp, sodium lamp and motor share a power supply circuit.
- Lamps are not recommended to be installed on the beach and corrosive chemical areas, so as not to cause corrosion of lamps and lanterns led to light damage.

Power on - not connected to power



Rain - no power connection

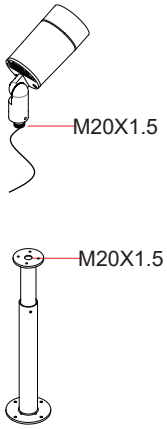
Do not come into contact with corrosive substances

Attention to wiring waterproof requirements IP68

Installation Instructions

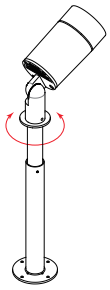
Telescopic mounting rod

1



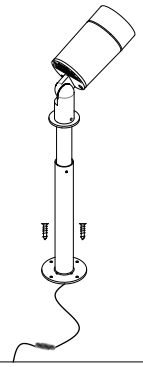
Take out the lighting fixtures and mounting bracket.

2



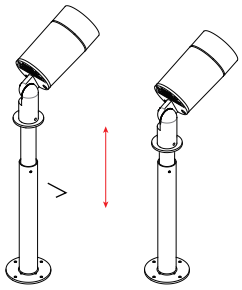
The lighting cable passes through the mounting bracket and is rotated and twisted together.

3



Waterproof connection between lighting cable and on-site cable, with IP68 waterproofing, Optional IP68 waterproof wiring male and female plugs.

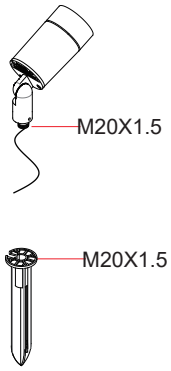
4



Retractable stem can be raised up to 11.8.

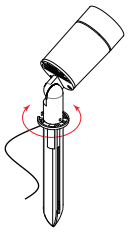
Ground Spike

1



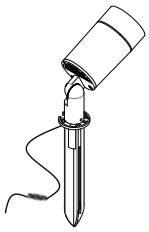
Take out the lighting fixtures and PC mounting bracket.

2



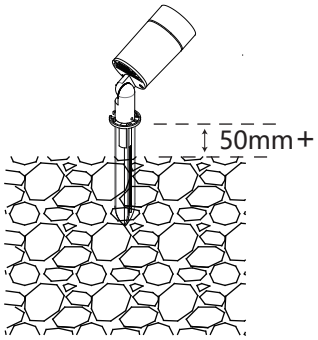
The lighting cable passes through the mounting bracket and is rotated and twisted together.

3

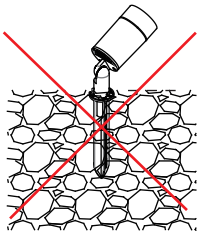


Waterproof connection between lighting cable and on-site cable, with IP68 waterproofing, Optional IP68 waterproof wiring male and female plugs.

4



The mounting base must be 50mm higher than ground level in case the base gets buried by soil when rainy..



The mounting base must be 50mm higher than ground level in case the base gets buried by soil when rainy.
The fixture or it's base can't be installed in pool.

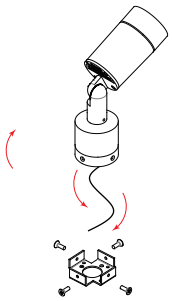
Installation Instructions

Base(Aluminum)

1

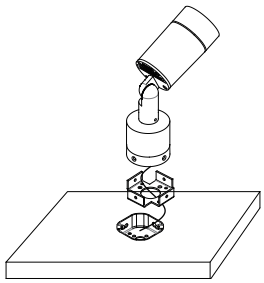
Open the packaging and take out the light fixture. The junction box does not have waterproof performance.

2



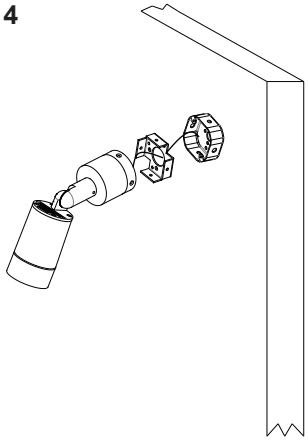
Disassemble the 4-piece screws on the junction box to remove the mounting chassis.

3



Waterproof connection between lighting cable and on-site cable, with IP68 waterproofing, placed in the junction box.

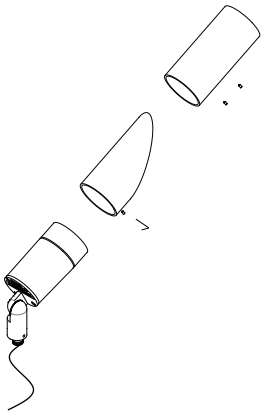
4



Fix the lamp on the installation surface or Junction Box.

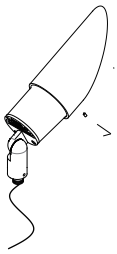
Open straight shround

1



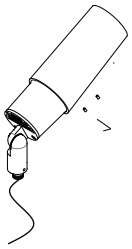
Open the packaging and take out the light fixture, Shroud, and hex wrench.

2



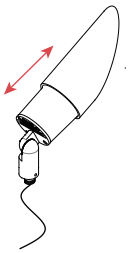
The cover is directly placed on the periphery of the lamp body, with adjusted telescopic dimensions and fixed with headless screws.

3



Can switch between different styles and lengths of covers.

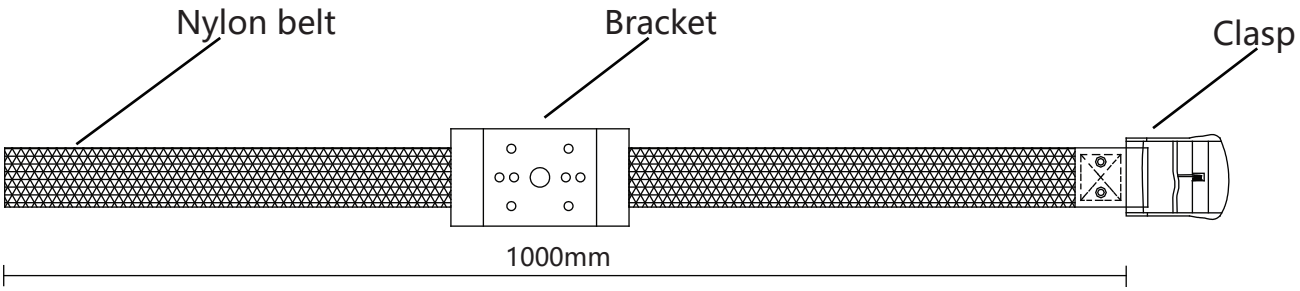
4



The outer cover can be moved up and down to adjust the shading size of the light shield
The outer cover can rotate 360 ° to adjust the shading direction of the light shield.

Installation Instructions

Tree strap



Attention:

The standard length of the tree strap is 1M, suitable for the tree with a max diameter of 300MM.

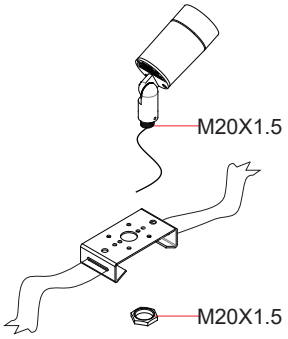
Please change immediately when finding any damage or fracture during installation.

Please change immediately when any product without fastening function is founded during installation.

It can’ t be directly installed on the combustibles surface.

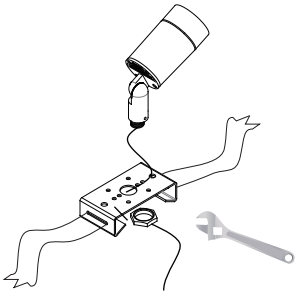
The length of the tree strap can be customized according to the object’ s diameter.

1



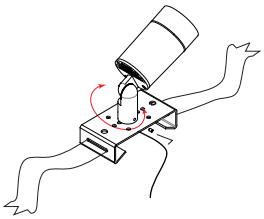
Open the packaging and take out the lamp, bracket, and nut.

2



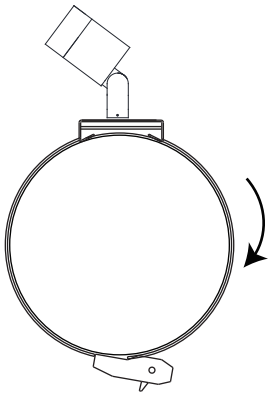
The lamp outlet passes through the mounting bracket and nut, and the nut is locked and fixed with a wrench.

3



You can loosen the headless screw of the connecting seat with a hex wrench and rotate the projection direction.

4

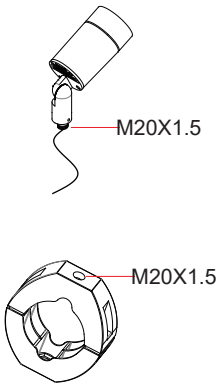


Tie the assembled lighting fixtures to trees or cylinders, and fasten them with locking straps.

Installation Instructions

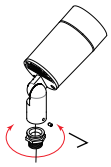
Pole clamp

1



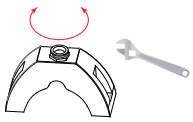
Take out the lighting fixtures and **Pole clamp**.

2



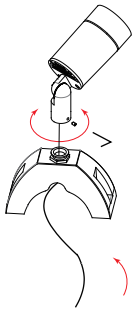
First, use a hex wrench to remove the rotary joint on the light fixture.

3



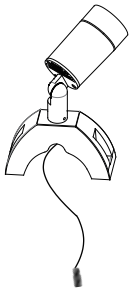
The rotary joint is fixedly rotated on **Pole clamp**.

4



Fix the lamp body onto the swivel joint.

5

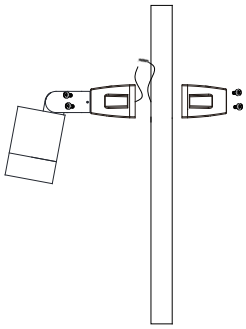


Connect the outlet end of the lighting fixture securely to the waterproof male and female connectors (A).

6

Connect the cable inside the lamp post to the waterproof male and female plug (B).

7



Fix the assembled lamp on the pole, and reserve waterproof connections between the lamp cable and the lamp pole cable (waterproof male and female connectors can be selected for connection).