Brasov, Romania
Str. Neptun 1, sc B ap 24
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Heliport FATO Inset Perimeter Lights/Aiming point light
CM-HT12/D

Product Description

To ensure the safety of helicopter pilots, it is necessary to emit White light in all directions during low visibility periods, indicating the perimeter of the heliport's Final Approach and Takeoff (FATO) area as well as the aiming point.

Application

The Helipad inset lights are White constant light. It shows an omnidirectional White signal at night or during low visibility days. providing accurate landing point locations for helicopters. It would be controlled by a heliport control cabinet.

Description

1. The lamp cover adopts Optical tempered glass material with excellent impact resistance, thermal stability (service temperature can be 130℃), great transparency (available with a light transmission of up to 90%), auto-UV resistance, aging resistance, and flammability rating in UL94V0.
2. House of the light is made of aluminum liquid casting and oxidation treatment, the product features are omnicidal, water tightness, and corrosion resistance.
3. Light source adopts the international advanced LED featuring low power consumption, high efficiency, and a light source lifespan reaching 100,000 hr.
4. The light with surge protection device (In 7.5KA/5 times, Imax 15KA) can be used in a harsh environment.

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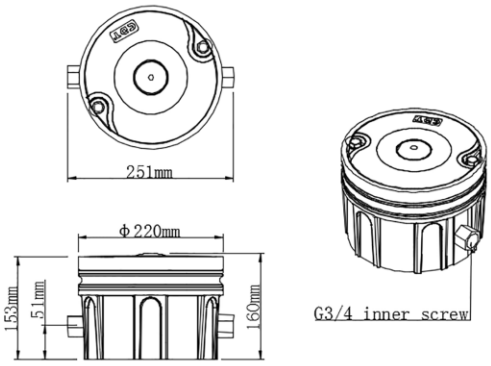
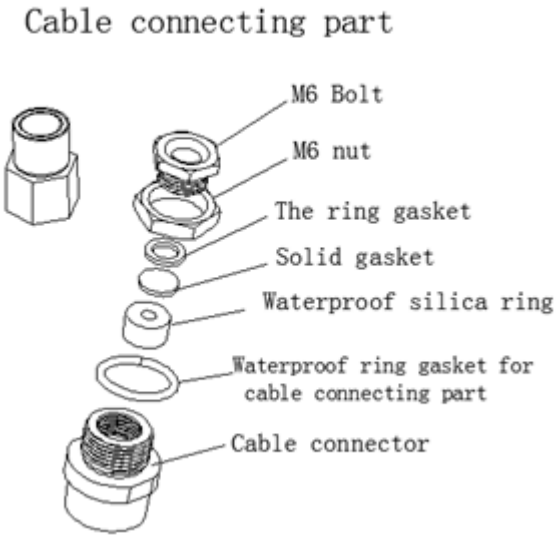
Specification:

Item	Parameter
Model	CM-HT12/D
Operating voltage	AC220V, DC48V, (Other available)
Power consumption	≤7W
Altitude	≤2500m
Light Intensity	100cd
Light Source	LED
Light Source Lifespan	100,000,000times.
Emitting Color	White
Ingress Protection	IP68
Operating temperature	-40℃~55℃
Wind Load	80m/s
Weight	7.3 kg
Overall Dimension (mm)	220mmx156mm
Installation Dimension (mm)	220mmx156mm
Quality Assurance	ISO9001:2015

Dimmension:





Installation Notes

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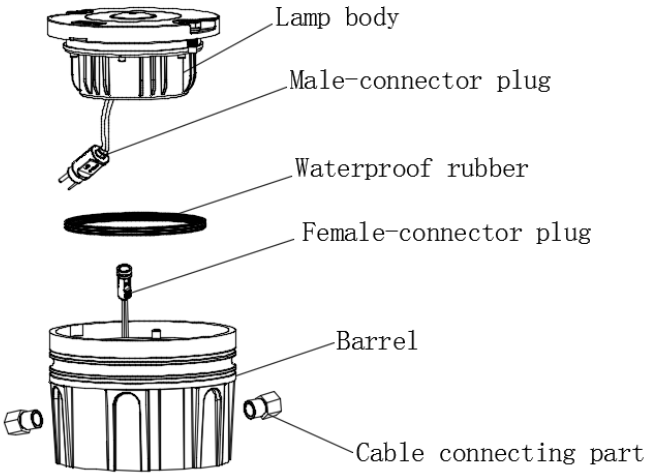

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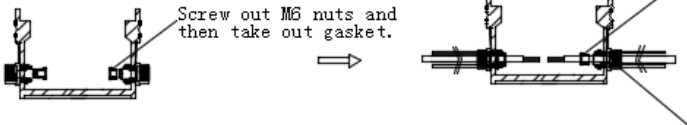
Step 1

Open the pack and take out the light.

Step 2

Screw out these 2 pcs M10 nuts, and use the screwdrive (diameter less than Φ8mm) to take out the lamp body, make sure the lamp body and the barrel are separate.

Step 3

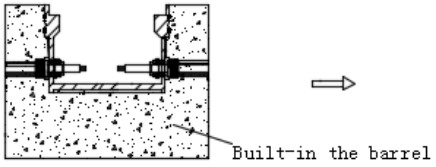


Screw out M6 nuts and then take out gasket.

Let the cable pass through cable connecting part and waterproof silica ring, and then cover the gasket, finally make the M6 nuts must be tightened. Noted that make sure the M6 nuts are tightened enough, or the water will be fallen inside through the cable.

There is G3/4 screwed joint which can be screwed and tightened with cable connecting part, and please make sure it will be waterproof.

Step 4



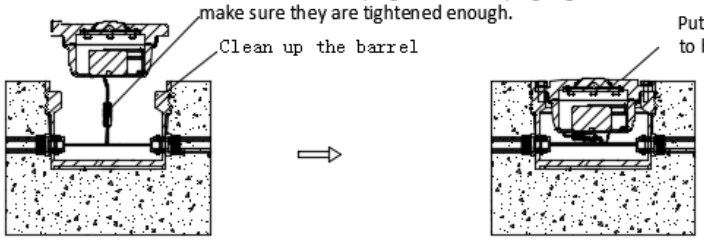
Built-in the barrel

Tighten enough the closed-end wire

Connecting the ground wire

Connect lamp wire with cable together, please use the waterproof electrical tape to let them be tightened and waterproof enough.

Step 5



Connect with male plug and female plug together and make sure they are tightened enough.

Clean up the barrel

Put the lamp body into the barrel, screw the M10 nuts to be tightened.