## Electrical and Control

**ET2003**

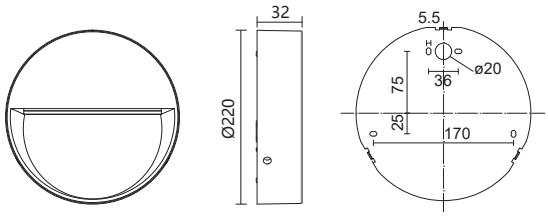
| | |
|---|---|
| **Voltage** | 180-264V |
| **Power** | 12W |
| **Power Supply** | Built-in |
| **Control** | ON/OFF |
| **Insulation Class** | Class I |
| **Cable** | 0.5M H05RN-F 3x1mm² |
| **Environmental** | -30 °C ~ 50 °C |

## LED and Optics

| | |
|---|---|
| **LED Brand** | CITIZEN / CREE |
| **LED Quantity** | SMD X20 |
| **Beam Angle** | Asymmetric |
| **Delivered Lumen** | 330lm(Asymmetric) |
| **Colour Rendering** | CRI 80 |
| **SDCM** | ≤5 |
| **CCT** | 2700K / 3000K / 4000K/ 5000K |
| **LED Optic** | PMMA Lens |

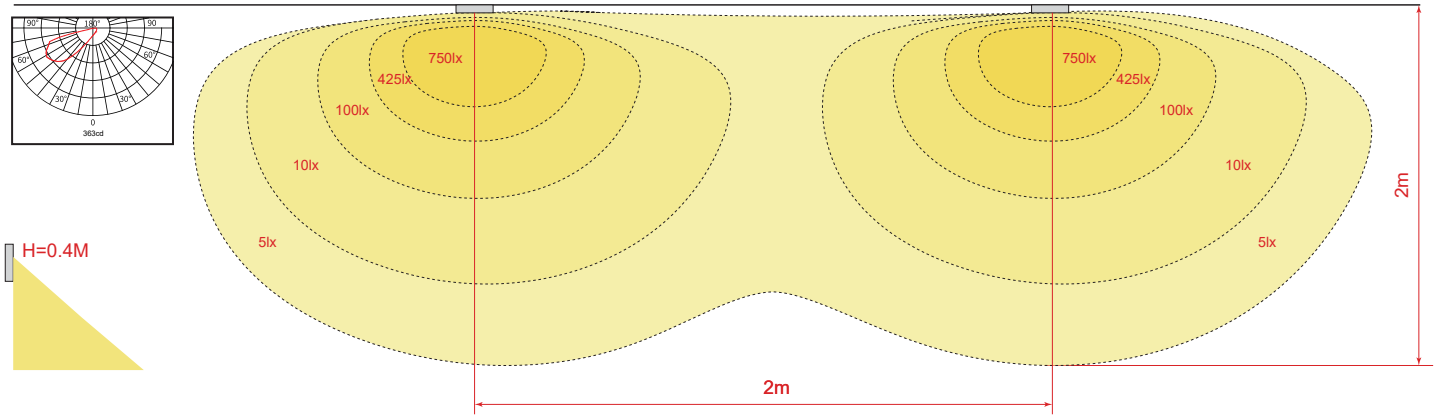
## Physical

| | |
|---|---|
| **Housing** | Die-cast aluminum |
| **Lens Material** | Tempered glass |
| **External Screw** | Stainless steel material |
| **Surface Treatment** | Anticorrosive coating |
| **Net Weight** | 1.5KG |
| **Warranty** | 3 years |
| **Rating** | IP65 |
| **Impact Protection** | IK08 |
| **Certifications** | CE |




| | | |
|---|---|---|
| RAL9011 | RAL9006 | RAL9016 |
| Mineral bronze | RAL7012 | RAL7016 |

## Photometric curves:

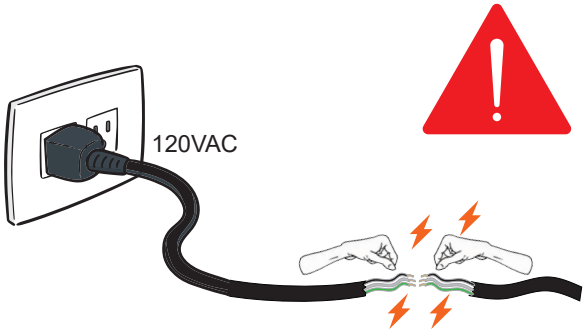


# Installation Instructions

## 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**

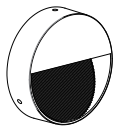
**Do not come into contact with corrosive substances**

**Attention to wiring waterproof requirements IP68**

# Installation Instructions

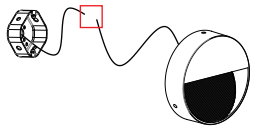
## ET2003

**1**



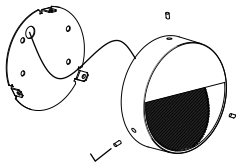
Open the package, take out the lamp.

**2**



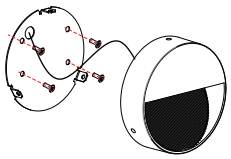
The connecting wires for lamps and on-site connections should be waterproofed, and the pre-embedded areas should be reserved with space for wire insertion.

**3**



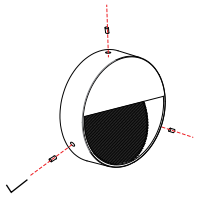
Use a hexagonal wrench to remove the fixing screws on the side of the luminaire and take off the mounting plate.

**4**



Fix the mounting plate onto the mounting wall surface.

**5**



Fix the lighting fixture onto the mounting board.