

|                  |                                 |
|------------------|---------------------------------|
| Voltage          | 180-264V                        |
| Power            | 12W                             |
| Power Supply     | Built-in                        |
| Control          | ON/OFF                          |
| Insulation Class | Class I                         |
| Cable            | 0.5M H05RN-F 3x1mm <sup>2</sup> |
| Environmental    | -30 °C ~ 50 °C                  |



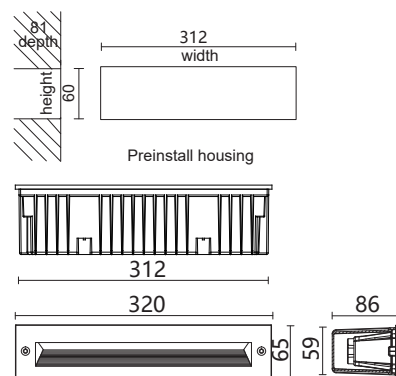
## LED and Optics

|                  |                              |
|------------------|------------------------------|
| LED Brand        | Osram / CREE                 |
| LED Quantity     | SMD X35                      |
| Beam Angle       | Asymmetric                   |
| Delivered Lumen  | 498lm(Asymmetric)            |
| Colour Rendering | CRI 80                       |
| SDCM             | ≤5                           |
| CCT              | 2700K / 3000K / 4000K/ 5000K |
| LED Optic        | PMMA Lens                    |

## Physical

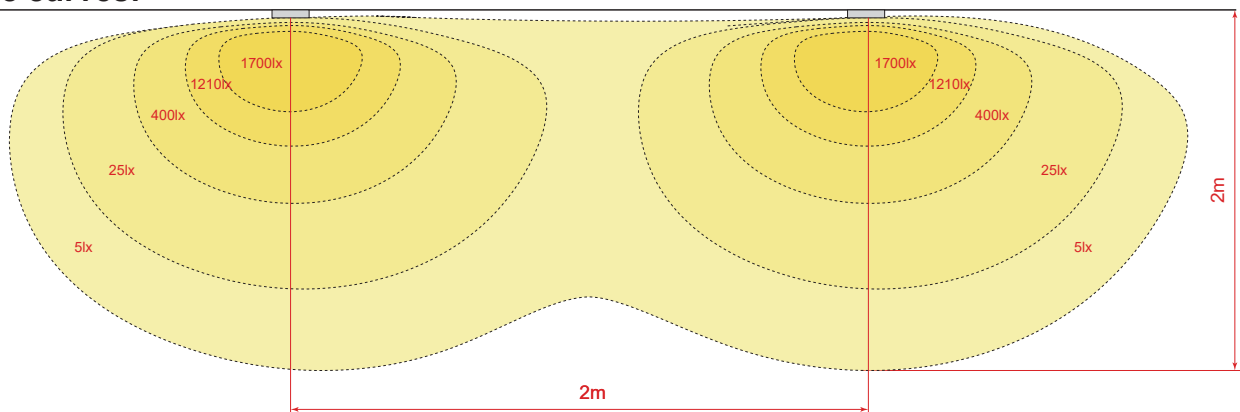
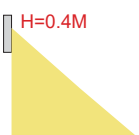
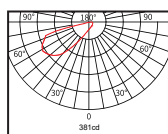
|                   |                          |
|-------------------|--------------------------|
| Housing           | Die-cast aluminum        |
| Lens Material     | Glass                    |
| External Screw    | Stainless steel material |
| Surface Treatment | Anticorrosive coating    |
| Net Weight        | 1.2KG                    |
| Warranty          | 3 years                  |
| Rating            | IP65                     |
| Impact Protection | IK08                     |

## Certifications



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

## Photometric curves:



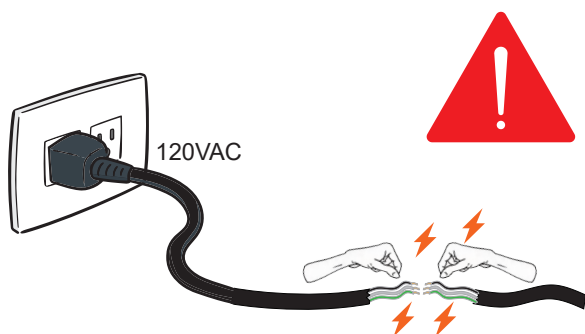
# Installation Instructions

## Matters needing attention

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- 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.
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### Power on - not connected to power



### Rain - no power connection



### Do not come into contact with corrosive substances



### Attention to wiring waterproof requirements IP68

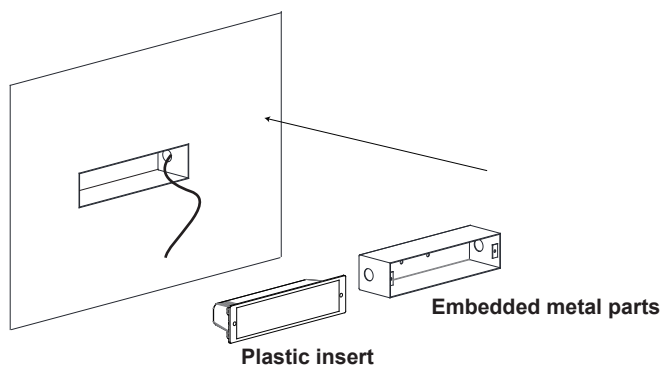


# Installation Instructions

ET2006

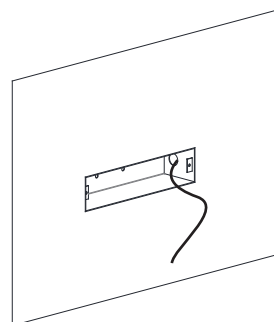
1

Drill holes according to the size of the embedded parts, and reserve cable lines for the embedded parts



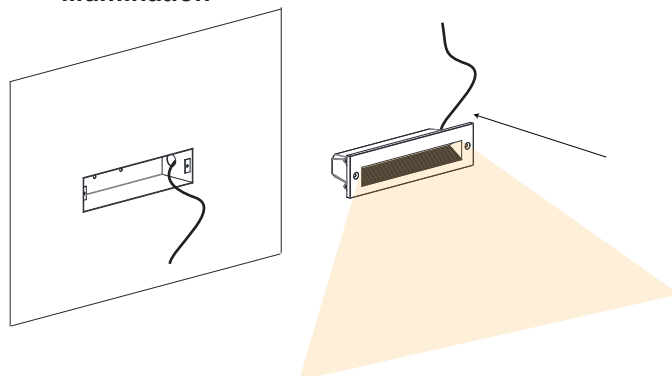
2

Install the embedded parts into the holes and thread the cables out of the embedded parts



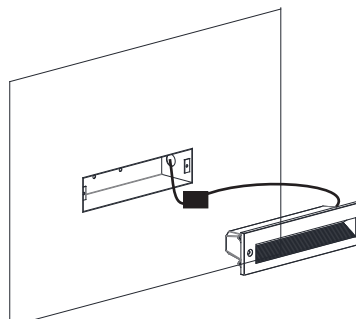
3

Pay attention to the installation of the lighting fixtures in the up and down directions. The lighting fixtures are used for downward illumination



4

Connect the lighting cable to the on-site cable, pay attention to the waterproof issue at the connection point



5

Finally, fix the lighting fixtures onto the embedded parts

