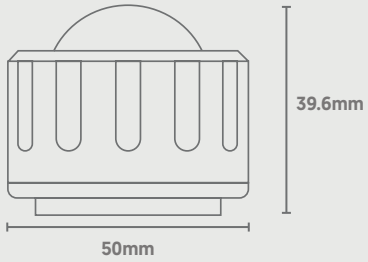
Industrial

Glow UFO Bolt

Plug & Play PIR Sensor

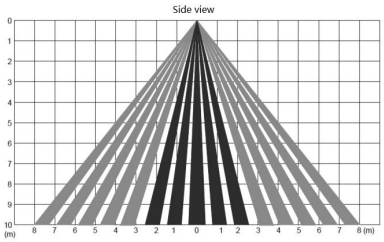
CODE: GU-BOLT-PIR

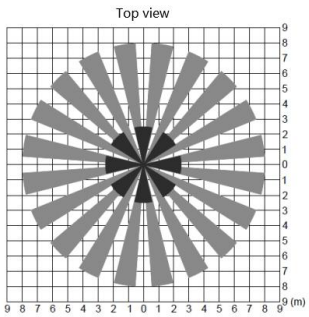
Dimensions



5 YEARS WARRANTY
+ 1 YEAR ON SITE

Detection Range

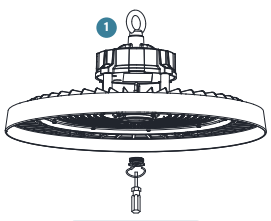




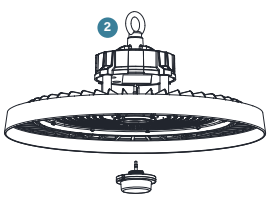
Main Specifications

Input & Auxiliary Supply	DC 12V
Dimming Port (0-10V)	2-Step Dimming and 3-Step Dimming Functionality Supported
Installation Height	Up To 12m
Control	Via Remote Control
Output Signal	0-10VDC Dimming Signal
Operating Temp.	-0-35°C
IP Rating	IP65
Dimensions	50mm x 39.6mm
Detection Area	100% / 75% / 50% / 25%
Hold Time	5s / 30s / 1min / 3min / 5min / 10min / 20min / 30min
Stand-By Period	0s / 10s / 1min / 3min / 5min / 10min / 30min / +∞
Daylight Sensor	5Lx / 15Lx / 30Lx / 50Lx / 100Lx / 150Lx / Disabled
Stand-By Dim Level	10% (1.4-1.6V) 20% (1.9-2.1V); 30% (2.9-3.1V) 50% (4.9-5.1V)

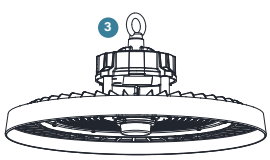
Installation



Take out cover cap



Twist in sensor



Finish installation

WARNING: The sensor must be correctly tightened to make it waterproof.

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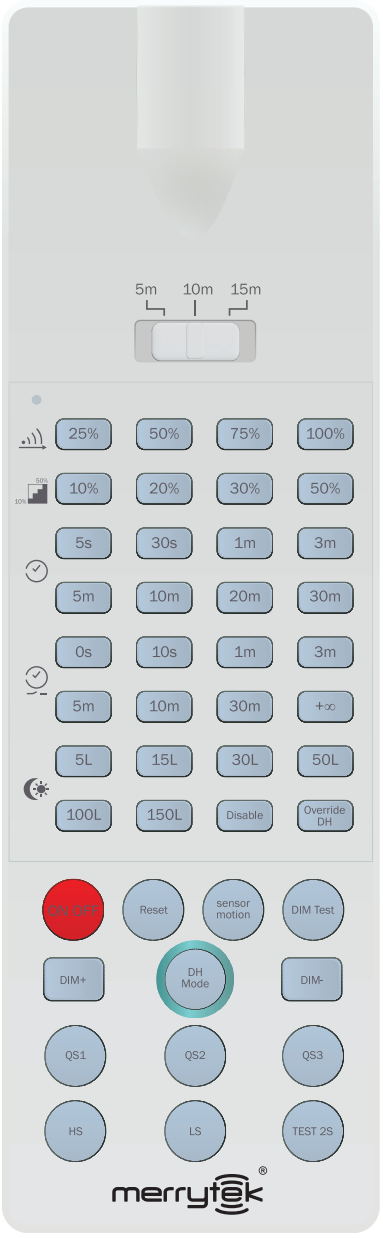
QVIS® LED LIGHTING

Remote Control



Remote distance toggle switch
(5m / 10m / 15m)

Set detection area
(25% / 50% / 75% / 100%)

Set stand-by dim level
(10% / 20% / 30% / 50%)

Set hold time
(5s / 30s / 1min / 3min / 5min / 10min / 20min / 30min)

Set stand-by period
(5s / 10s / 1min / 3min / 5min / 10min / 20min / 30min / +∞)

Set daylight sensor threshold
(5Lx / 15Lx / 30Lx / 50Lx / 100Lx / 150Lx / Disabled)

This button sets the sensor to constant on/off mode - meaning the sensor will not operate

Reset all parameters to factory settings

Use this button to set light back to sensor mode instead of on/off

Test mode at 100% detection area, 5s hold-time, 10% stand-by dim level, 0s stand-by period, daylight sensor disabled

QS1 QS2 QS3 **Scene settings (see below)**

DIM Test HS LS Disable Override DH

DIM+ DH Mode DIM-

'Override DH', 'DH Mode' and any assosciated fuctions are not applicable to this sensor model. Also not applicable are 'DIM Test' and the High Sensitivity (HS) and Low Sensitivity (LS) buttons.

Scene Settings

Scene	Detection Area	Hold Time	Stand-by Period	Stand-by Dim Level	Daylight Sensor	Sensitivity Model
QS1	100%	5min	0s	10%	30Lx	High Sensitivity
QS2	100%	10min	0s	10%	Disable	High Sensitivity
QS3	100%	20min	0s	10%	Disable	High Sensitivity

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QVIS® LED LIGHTING

Initialisation

1) After power switched on, sensor will be warmed 45-60s then start to work.

Factory Settings

- Detection Area: 100%
- Hold Time: 5s
- Stand-By Period: 0s
- Daylight Sensor: Disabled
- Stand By: DIM Level: 10%

Important Notes

1) The sensor should only be installed by a qualified electrician.
2) Power must be off before any installation, wiring, or changing of DIP switch settings takes place.
3) Microwaves cannot penetrate metal. Do not place the sensor within an enclosed metal fitting or half-closed metal fitting. Metal or glass should not cover the sensor, as this will affect performance. If the antenna needs to pass through a metal plate, please ensure that the top of the sensor is close to the plate.
4) The distance between the sensor and any other sensors should be greater than 3m. Keep the sensor away from switches, routers and other wireless devices that may interfere, in order to avoid radio interference. The antenna surface of the module should not directly face the AC input or DC output, as low or high frequency signals may affect normal operation of the antenna.
5) Vibration signals may be picked up as moving signals, therefore triggering the sensor. Avoid placing the sensor near objects that vibrate regularly, such as metal equipment, pipes, air conditioning outlets, exhaust vents, smoke exhaust machine ports, shaking fans etc.
6) The sensor is built for indoor use only. Wind, rain and moving objects may cause false triggering, and performance can be affected by water.
7) Installation within a metal fitting, metal reflective surface or inside a narrow enclosure may also cause false triggering (reduce the sensitivity, or avoid installating in these environments.)
8) The light sensitivity threshold is a daylight environment, with no shadow and ambient light diffusion reflections. Ambient lux levels could be compatible to various environments (weather, climate, time-of-day).
9) Dimming performance may differ depending on the 1-10V driver used.
10) Sensitivity range is relative to moving speed of objects, the size of moving objects, mounting height, mounting angle, working environments, reflecting materials etc.
11) This product should be used with a voltage-stabilised DC power supply with stable input voltage and low ripple factor (ripple factor below 100mV; load current greater than 25mA).