

## Surface & Suspended



Low Glare Diffuser



BESA Mounting Points

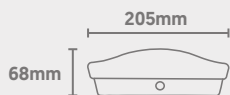


Steel Housing



Conduit Side Entry

### Dimensions

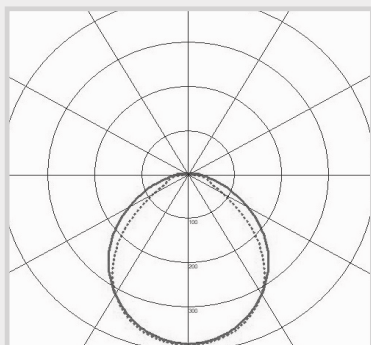


1800mm



Light Source  
Energy Rating

### Photometric Data



# Proteus

## Prismatic Linear

CODE: PTS-57-1800NW/MPS/EM/PIR

**QVIS**<sup>®</sup>  
LED LIGHTING



PIR Sensor Info  
on Following Page

**3HR**  
EMERGENCY  
DURATION

**7**  
YEARS  
WARRANTY  
+ 2 YEAR ON SITE \*

| Power              | Efficacy | Output                   | Kelvin |
|--------------------|----------|--------------------------|--------|
| 57W [Emergency 3W] | 135Lm/cW | 7695Lm [Emergency 405Lm] | 4000K  |

### Technical

|                        |  |
|------------------------|--|
| Input Voltage          | AC 220-240V  |
| Diffuser Type          | Microprismatic   |
| Colour Rendering Index | >85  |
| Power Factor           | 0.9821   |
| Operating Temp.        | -20 to +65°C   |
| Materials              | Steel & Polycarbonate  |
| IP Rating              | IP40   |
| Dimmable               | On Request   |
| Dimensions             | 1800mm x 205mm x 68mm  |
| Weight                 | 4.97kg   |
| MacAdam Step           | <3   |
| Emergency Output       | 3 Hours [3W]   |
| Lifetime               | 50,000 hours, L90-B10<br>(Ta 25 °C)  |
| CE Standards           | EN60598-1, EN62493, EN55015, EN61547,<br>EN61000-3-2, EN61000-3-3, EN62722-1,<br>EN62722-2-1 and EN50581 |
| CE Directives          | LVD, EMC, ERP & RoHS   |

## Surface & Suspended



Day & Night Operation



10m Detection Distance

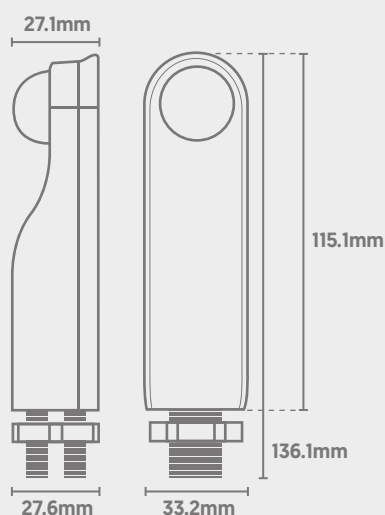


360° Detection Range



Up to 6m Install Height  
(2m to 6m is recommended for optimal performance)

### Dimensions



# Proteus

## PIR Sensor



### PIR Specifications

|                          |                                      |
|--------------------------|--------------------------------------|
| Daylight Sensor          | <3Lx to 2000Lx (Adjustable)          |
| Hold Time                | Min: 10s±3s;<br>Max: 30min±2min      |
| Stand-By Period          | 5min, 10min, 15min, 30min, 60min, +∞ |
| Detection Range          | 50% / 75% / 100% (360°)              |
| Detection Distance       | Up to 10m (24°C)                     |
| Detection Moving Speed   | 0.5-1.5m/s                           |
| Automatic Lighting Range | 10Lx to 300Lx                        |
| Stand-By Dimming Level   | OFF / 10% / 20% / 30%                |



### Technical

|                       |                         |
|-----------------------|-------------------------|
| Power Source          | AC 220-240V             |
| Power Frequency       | 50/60 Hz                |
| Maximum Switching     | 6A                      |
| Rated Load            | Between 500W and 1200W  |
| Power Consumption     | Approximately 0.5W      |
| Cable Specification   | 18AWG-1007              |
| Operating Temperature | -20 to +40°C            |
| Operating Humidity    | <93% RH                 |
| Installation Height   | 2m to 6m                |
| Material              | Polycarbonate           |
| IP Rating             | IP65 After Installation |

## Surface & Suspended



Day & Night Operation



10m Detection Distance

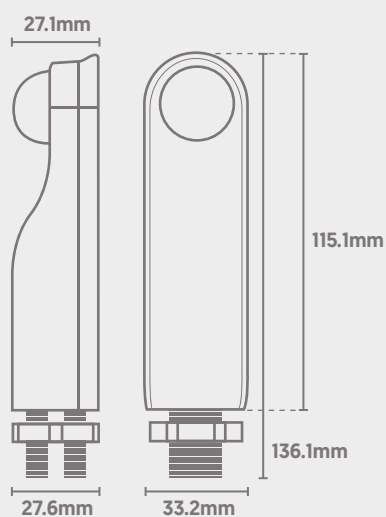


360° Detection Range



Up to 6m Install Height  
(2m to 6m is recommended for optimal performance)

### Dimensions

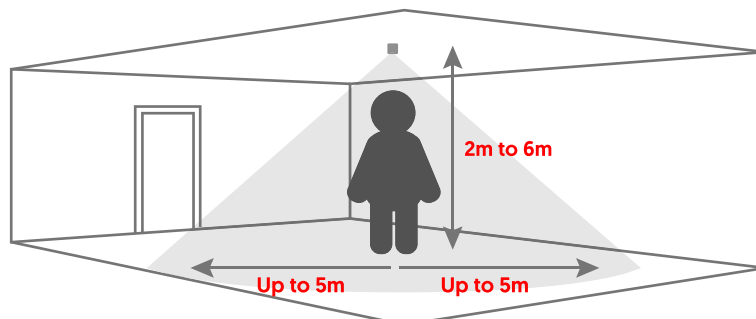


# Proteus

## PIR Sensor

**QVIS**<sup>®</sup>  
LED LIGHTING

### Detection Diagram



### Wiring Diagram

