

Orion Range - Photocells

- Dusk to Dawn Switching

Greenbrooks range of photocells offer a wide selection of products for dusk to dawn switching. A photocell detects the level of light and will turn on when it gets dark.

- + Ideal for external & commercial lighting
- + Kit includes head, bracket & fixing screws
- + Automatically switches light fittings On at dusk & Off at dawn
- + 10 - 15 second switching delay
- + Part No PECH - replacement head



Note:
LED compatible can run loads of up to 400 watts, the total number of light fittings should be limited to no more than **10** fittings.

Important:
To extend the lifespan of the photocells, when wiring in series with a timer we recommend a volt free model such as the Greenbrook Din Rail Timer Model T80.

| | PEC1000 | PECH |
|------------------------|--|------------------------------|
| Description | Electronic photocell kit with detachable sensing module | Replacement head for PEC1000 |
| Product Finish | Black | Black |
| Barcode | 5012739 622885 | 5012739 622977 |
| Switching Type | Electronic relay load | |
| Voltage | 220-240V AC, 50/60Hz | |
| Max Switching Capacity | 7A | |
| Sensor | Photo-diode | |
| Light Level | On <20Lux Off>80Lux | |
| Typical Load | 1000W Tungsten 1800VA inductive load LED Compatible 400W Max | |
| Operating Temp | -40°C - +70°C | |
| IP Rating | IP65 (when installed with suitable IP65 cable gland) | |
| Class Type | II | |
| Switching Delay | 10 - 15 seconds | |
| Enclosure Material | UV stabilised polycarbonate | |
| Power Consumption | <0.25W | |
| Electrical Life | 3650 cycles | |
| Product Weight | 172g | 91g |
| Dimensions | 81mm dia x H130mm | 81mm dia x H62mm |
| Guarantee | 1 Year | |
| Conforms To | EN IEC 61058-1:2018, EN 61058-1-1:2016, BS EN IEC 61058-1:2018 & BS EN 61058-1-1:2016 | |

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PECR - Photocell - Remote Sensing Head

- + Max switching 6A
- + LED compatible 400W
- + 20mm mounting thread size with lockring



PEG20 - Photocell Remote Module

- + Max switching 3.5A
- + LED compatible 400W
- + 16mm mounting thread size with lockring



Important:

To extend the lifespan of the photocells, when wiring in series with a timer we recommend a volt free model such as the Greenbrook Din Rail Timer Model T80.

| | PECR | PEG20 |
|-------------------------------|--|--|
| Description | Photocell with Remote Sensing Head | Photocell Remote Module |
| Product Finish | Black | Black |
| Barcode | 5012739 634482 | 5012739 622892 |
| Switching Type | Thermal | Electronic relay load |
| Max Switching Capacity | 6A | 3.5A |
| Voltage | 220-240V AC, 50/60Hz | 240VAC, 50/60Hz |
| Light Level | 10~20L x ON (Dusk) 30~60L x OFF (Dawn) | On <20Lux Off>80Lux |
| Typical Load | 6A Tungsten 6A inductive load LED Compatible 400W Max | 2.1A, 500W Tungsten 3.5A, 850VA inductive load LED Compatible 400W Max |
| Operating Temp | -40°C - +70°C | -40°C - +70°C |
| IP Rating | IP65 (when installed with suitable enclosure) | IP65 (when installed with suitable enclosure) |
| Class Type | II | II |
| Switching Delay | 5 - 15 seconds | 5 - 15 seconds |
| Enclosure Material | UV stabilised polycarbonate | UV stabilised polycarbonate |
| Power Consumption | <0.25W | <0.25W |
| Lead Length | 180mm | - |
| Electrical Life | 3650 cycles | 3650 cycles |
| Product Weight | 68g | 44g |
| Dimensions | 45 x 45 x 30mm | 52 x 29 x 21mm |
| Guarantee | 1 Year | |
| Conforms To | EN IEC 61058-1:2018, EN 61058-1-2:2016, BS EN IEC 61058-1:2018 & BS EN 61058-1-2:2016 | EN IEC 61058-1:2018, EN 61058-1-1:2016, BS EN IEC 61058-1:2018 & BS EN 61058-1-1:2016 |