

# Phoenix II Multi Power, Tri Colour Installation Instructions

## Product Description

- Warranty 2 years + 3 year extended
- PC cover
- PC housing
- Beam Angle: 120°
- Lifetime: 50,000H
- Durable
- No flicker
- Easy installation
- LED driver: isolated constant current
- IP65
- Selectable Power 10W, 14W and 18W



18W 14W 10W

The power is selectable between 10/14/18W using the wattage switch on the driver during installation.



6500K 4000K 3000K

The colour is selectable between 3000/4000/6500K using the CCT switch on the driver during installation.

## Important Installation Information

This product must be installed in accordance with the latest edition of Building Regulation and carried out by a qualified electrician in accordance with the latest IEE Wiring Regulations. Before commencing any installation or maintenance work, ensure that the mains supply is switched off and the appropriate MCB or fuse is isolated. The installer is responsible for maintaining the IP integrity of the fitting.

This product contains a light source of efficiency class <E> to regulation (EU) No 2019/2015

**Caution - risk of electric shock.**



## PH2-18T Emergency version

The self contained emergency version will switch over automatically when the mains supply fails and provide at least 3 hours operation. A permanent live feed is required in addition to the switched live and neutral supply. Battery warranty is 12 months.

## PH2-18T Corridor Function version

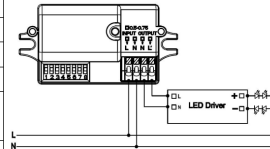
Operation is exactly the same as the Microwave sensor but dims down to a preset level and time dependent up on the user settings programmed at time of installation.

## Microwave Movement Sensor

If this product is fitted with a microwave movement sensor. Please see below detailed operating instructions.

### Technical Specifications

Operating Voltage	198-264 VAC 50/60Hz	
Rated load	400W (Capacitive load) 800W (Resistive load)	
Stand-by power	≤0.5W	
Sensitivity	Ceiling mounted height: 3m	100% / 75% / 50% / 25%
	Ceiling mounted height: 6m	100% / 75% / 50%
	Wall mounted height: 2m	100% / 75% / 50% / 25%
Hold-time	5S/30S/60S/3min/5min/10min/20min/30min	
Daylight sensor	2Lux / 10Lux / 25Lux / 50Lux / Disable	
Microwave frequency	5.8 GHz ±75MHz	
Transmitting power	1mW Max	
Detection range	4-7m (Installed at 3m high)	
Mounting Height	2.5-6 m (Suction Top Installation)	
Detecting Angle	Ceiling mount 150°	



\*50%, 75%, 100% detection sensitivity is workable when installed at 6m mounting height. Only 25% sensitivity is not able to detect motion signal.

## Settings:

<p><b>1. Sensitivity</b></p> <p>Sensitivity can be adjusted by selecting the combination on the DIP switches for different applications.</p> <table border="1"> <tr> <td>I - 100%</td> <td>1</td> <td>2</td> <td></td> </tr> <tr> <td>II - 75%</td> <td>ON</td> <td>ON</td> <td>100%</td> </tr> <tr> <td>III - 50%</td> <td>ON</td> <td>-</td> <td>75%</td> </tr> <tr> <td>IV - 25%</td> <td>-</td> <td>ON</td> <td>50%</td> </tr> <tr> <td></td> <td>-</td> <td>-</td> <td>25%</td> </tr> </table>	I - 100%	1	2		II - 75%	ON	ON	100%	III - 50%	ON	-	75%	IV - 25%	-	ON	50%		-	-	25%	<p><b>2. Hold-time</b></p> <p>Hold-time refers to the time period that the light remains 100% on if no more movement is detected.</p> <table border="1"> <tr> <td>I - 5S</td> <td>3</td> <td>4</td> <td>5</td> </tr> <tr> <td>II - 30s</td> <td>ON</td> <td>ON</td> <td>ON</td> </tr> <tr> <td>III - 60s</td> <td>ON</td> <td>ON</td> <td>-</td> </tr> <tr> <td>IV - 3min</td> <td>ON</td> <td>-</td> <td>ON</td> </tr> <tr> <td>V - 5min</td> <td>-</td> <td>ON</td> <td>ON</td> </tr> <tr> <td>VI - 10min</td> <td>-</td> <td>ON</td> <td>-</td> </tr> <tr> <td>VII - 20min</td> <td>-</td> <td>-</td> <td>ON</td> </tr> <tr> <td>VIII - 30min</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	I - 5S	3	4	5	II - 30s	ON	ON	ON	III - 60s	ON	ON	-	IV - 3min	ON	-	ON	V - 5min	-	ON	ON	VI - 10min	-	ON	-	VII - 20min	-	-	ON	VIII - 30min	-	-	-	<p><b>3. Daylight sensor</b></p> <p>Different daylight threshold can be preset on DIP switches. Light will always turn on upon movement if daylight sensor is disabled.</p> <table border="1"> <tr> <td>I - 2Lux</td> <td>6</td> <td>7</td> <td>8</td> </tr> <tr> <td>II - 10Lux</td> <td>ON</td> <td>ON</td> <td>ON</td> </tr> <tr> <td>III - 25Lux</td> <td>ON</td> <td>ON</td> <td>-</td> </tr> <tr> <td>IV - 50Lux</td> <td>ON</td> <td>-</td> <td>-</td> </tr> <tr> <td>V - Disable</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table> <p>*Disable means the daylight sensor does not work. The sensor will turn on light once motion is detected regardless of ambient light level.</p>	I - 2Lux	6	7	8	II - 10Lux	ON	ON	ON	III - 25Lux	ON	ON	-	IV - 50Lux	ON	-	-	V - Disable	-	-	-
I - 100%	1	2																																																																								
II - 75%	ON	ON	100%																																																																							
III - 50%	ON	-	75%																																																																							
IV - 25%	-	ON	50%																																																																							
	-	-	25%																																																																							
I - 5S	3	4	5																																																																							
II - 30s	ON	ON	ON																																																																							
III - 60s	ON	ON	-																																																																							
IV - 3min	ON	-	ON																																																																							
V - 5min	-	ON	ON																																																																							
VI - 10min	-	ON	-																																																																							
VII - 20min	-	-	ON																																																																							
VIII - 30min	-	-	-																																																																							
I - 2Lux	6	7	8																																																																							
II - 10Lux	ON	ON	ON																																																																							
III - 25Lux	ON	ON	-																																																																							
IV - 50Lux	ON	-	-																																																																							
V - Disable	-	-	-																																																																							

## Care and Safety

We recommend cleaning with a soft dry cloth. Do not use solvents or abrasive cleaners as these could damage the finish. For your safety, always switch off the power supply before cleaning.