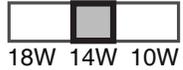


# Phoenix VII Multi Power, Tri Colour Installation Instructions

## Product Description

- Warranty 2 years + 3 year extended
- PC cover
- PC housing
- Beam Angle: 110°
- Lifetime: 50,000H
- Durable
- No flicker
- Easy installation
- LED driver: Isolated constant current
- IP67
- Selectable Power 10W, 14W and 18W



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



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 Regulations 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 integrity of the fitting**

Caution - risk of electric shock.



## PH7-18T Emergency version

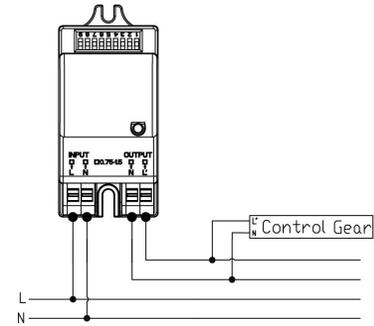
The self contained emergency version will switch over automatically when the mains supply fails and provide at least 3 hours operation. A permanent live feed is required in addition to the switched live and neutral supply. Battery warranty is 12 months.

## Microwave Movement Sensor

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

### Technical Specifications:

|                     |  |                              |
|---------------------|--|------------------------------|
| Operating voltage   | 220 ~ 240V AC 50/60Hz                  |                              |
| Rated load          | 400W (Capacitive load)                 | 800W (Resistive load)        |
| Stand-by power      | ≤ 0.5W                                 |                              |
| Sensitivity         | Ceiling mounted height: 3m             | 100% / 75% / 50% / 25% / 10% |
|                     | Ceiling mounted height: 6m*            | 100% / 75% / 50%             |
|                     | Wall mounted height: 2m                | 100% / 75% / 50% / 25% / 10% |
| Hold-time           | 5s / 30s / 90s / 3min / 20min / 30min  |                              |
| Daylight sensor     | 2Lux / 10Lux / 25Lux / 50Lux / Disable |                              |
| Microwave frequency | 5.8 GHz ± 75MHz                        |                              |
| Transmitting power  | 1mW Max.                               |                              |
| Detection range     | Ceiling mounted height: 3m             | 3- 6m (radius)               |
|                     | Wall mounted height: 1.5-2m            | 12-15m                       |
| Detection angle     | 360° (Ceiling) / 120° (Wall)           |                              |
| Working temperature | -20°C ~ 60°C                           |                              |



\*50%, 75%, 100% detection sensitivity is workable when installed at 6m mounting height. Only 10%, 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></td> <td>1</td> <td>2</td> <td>3</td> <td></td> </tr> <tr> <td>I - 100%</td> <td>●</td> <td>●</td> <td>●</td> <td>100%</td> </tr> <tr> <td>II - 75%</td> <td>○</td> <td>●</td> <td>●</td> <td>75%</td> </tr> <tr> <td>III - 50%</td> <td>○</td> <td>○</td> <td>●</td> <td>50%</td> </tr> <tr> <td>IV - 25%</td> <td>○</td> <td>○</td> <td>○</td> <td>25%</td> </tr> <tr> <td>V - 10%</td> <td>○</td> <td>○</td> <td>○</td> <td>10%</td> </tr> </table> |   | 1 | 2 | 3        |  | I - 100% | ● | ● | ● | 100% | II - 75% | ○ | ● | ● | 75% | III - 50% | ○ | ○ | ● | 50% | IV - 25% | ○ | ○ | ○ | 25% | V - 10% | ○ | ○ | ○ | 10% | <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></td> <td>4</td> <td>5</td> <td>6</td> <td></td> </tr> <tr> <td>I - 5s</td> <td>●</td> <td>●</td> <td>●</td> <td>5s</td> </tr> <tr> <td>II - 30s</td> <td>○</td> <td>●</td> <td>●</td> <td>30s</td> </tr> <tr> <td>III - 90s</td> <td>○</td> <td>○</td> <td>●</td> <td>90s</td> </tr> <tr> <td>IV - 3min</td> <td>○</td> <td>○</td> <td>○</td> <td>3min</td> </tr> <tr> <td>V - 20min</td> <td>●</td> <td>●</td> <td>○</td> <td>20min</td> </tr> <tr> <td>VI - 30min</td> <td>○</td> <td>○</td> <td>○</td> <td>30min</td> </tr> </table> |  | 4 | 5 | 6 |  | I - 5s | ● | ● | ● | 5s | II - 30s | ○ | ● | ● | 30s | III - 90s | ○ | ○ | ● | 90s | IV - 3min | ○ | ○ | ○ | 3min | V - 20min | ● | ● | ○ | 20min | VI - 30min | ○ | ○ | ○ | 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></td> <td>7</td> <td>8</td> <td>9</td> <td></td> </tr> <tr> <td>I - 2Lux</td> <td>●</td> <td>●</td> <td>●</td> <td>2Lux</td> </tr> <tr> <td>II - 10Lux</td> <td>○</td> <td>●</td> <td>●</td> <td>10Lux</td> </tr> <tr> <td>III - 25Lux</td> <td>○</td> <td>○</td> <td>●</td> <td>25Lux</td> </tr> <tr> <td>IV - 50Lux</td> <td>○</td> <td>○</td> <td>○</td> <td>50Lux</td> </tr> <tr> <td>V - Disable</td> <td>○</td> <td>○</td> <td>○</td> <td>Disable*</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> |  | 7 | 8 | 9 |  | I - 2Lux | ● | ● | ● | 2Lux | II - 10Lux | ○ | ● | ● | 10Lux | III - 25Lux | ○ | ○ | ● | 25Lux | IV - 50Lux | ○ | ○ | ○ | 50Lux | V - Disable | ○ | ○ | ○ | Disable* |
|  | 1 | 2 | 3 |          |  |          |   |   |   |      |          |   |   |   |     |           |   |   |   |     |          |   |   |   |     |         |   |   |   |     |  |  |   |   |   |  |        |   |   |   |    |          |   |   |   |     |           |   |   |   |     |           |   |   |   |      |           |   |   |   |       |            |   |   |   |       |  |  |   |   |   |  |          |   |   |   |      |            |   |   |   |       |             |   |   |   |       |            |   |   |   |       |             |   |   |   |          |
| I - 100%   | ● | ● | ● | 100%     |  |          |   |   |   |      |          |   |   |   |     |           |   |   |   |     |          |   |   |   |     |         |   |   |   |     |  |  |   |   |   |  |        |   |   |   |    |          |   |   |   |     |           |   |   |   |     |           |   |   |   |      |           |   |   |   |       |            |   |   |   |       |  |  |   |   |   |  |          |   |   |   |      |            |   |   |   |       |             |   |   |   |       |            |   |   |   |       |             |   |   |   |          |
| II - 75%   | ○ | ● | ● | 75%      |  |          |   |   |   |      |          |   |   |   |     |           |   |   |   |     |          |   |   |   |     |         |   |   |   |     |  |  |   |   |   |  |        |   |   |   |    |          |   |   |   |     |           |   |   |   |     |           |   |   |   |      |           |   |   |   |       |            |   |   |   |       |  |  |   |   |   |  |          |   |   |   |      |            |   |   |   |       |             |   |   |   |       |            |   |   |   |       |             |   |   |   |          |
| III - 50%  | ○ | ○ | ● | 50%      |  |          |   |   |   |      |          |   |   |   |     |           |   |   |   |     |          |   |   |   |     |         |   |   |   |     |  |  |   |   |   |  |        |   |   |   |    |          |   |   |   |     |           |   |   |   |     |           |   |   |   |      |           |   |   |   |       |            |   |   |   |       |  |  |   |   |   |  |          |   |   |   |      |            |   |   |   |       |             |   |   |   |       |            |   |   |   |       |             |   |   |   |          |
| IV - 25%   | ○ | ○ | ○ | 25%      |  |          |   |   |   |      |          |   |   |   |     |           |   |   |   |     |          |   |   |   |     |         |   |   |   |     |  |  |   |   |   |  |        |   |   |   |    |          |   |   |   |     |           |   |   |   |     |           |   |   |   |      |           |   |   |   |       |            |   |   |   |       |  |  |   |   |   |  |          |   |   |   |      |            |   |   |   |       |             |   |   |   |       |            |   |   |   |       |             |   |   |   |          |
| V - 10%  | ○ | ○ | ○ | 10%      |  |          |   |   |   |      |          |   |   |   |     |           |   |   |   |     |          |   |   |   |     |         |   |   |   |     |  |  |   |   |   |  |        |   |   |   |    |          |   |   |   |     |           |   |   |   |     |           |   |   |   |      |           |   |   |   |       |            |   |   |   |       |  |  |   |   |   |  |          |   |   |   |      |            |   |   |   |       |             |   |   |   |       |            |   |   |   |       |             |   |   |   |          |
|  | 4 | 5 | 6 |          |  |          |   |   |   |      |          |   |   |   |     |           |   |   |   |     |          |   |   |   |     |         |   |   |   |     |  |  |   |   |   |  |        |   |   |   |    |          |   |   |   |     |           |   |   |   |     |           |   |   |   |      |           |   |   |   |       |            |   |   |   |       |  |  |   |   |   |  |          |   |   |   |      |            |   |   |   |       |             |   |   |   |       |            |   |   |   |       |             |   |   |   |          |
| I - 5s   | ● | ● | ● | 5s       |  |          |   |   |   |      |          |   |   |   |     |           |   |   |   |     |          |   |   |   |     |         |   |   |   |     |  |  |   |   |   |  |        |   |   |   |    |          |   |   |   |     |           |   |   |   |     |           |   |   |   |      |           |   |   |   |       |            |   |   |   |       |  |  |   |   |   |  |          |   |   |   |      |            |   |   |   |       |             |   |   |   |       |            |   |   |   |       |             |   |   |   |          |
| II - 30s   | ○ | ● | ● | 30s      |  |          |   |   |   |      |          |   |   |   |     |           |   |   |   |     |          |   |   |   |     |         |   |   |   |     |  |  |   |   |   |  |        |   |   |   |    |          |   |   |   |     |           |   |   |   |     |           |   |   |   |      |           |   |   |   |       |            |   |   |   |       |  |  |   |   |   |  |          |   |   |   |      |            |   |   |   |       |             |   |   |   |       |            |   |   |   |       |             |   |   |   |          |
| III - 90s  | ○ | ○ | ● | 90s      |  |          |   |   |   |      |          |   |   |   |     |           |   |   |   |     |          |   |   |   |     |         |   |   |   |     |  |  |   |   |   |  |        |   |   |   |    |          |   |   |   |     |           |   |   |   |     |           |   |   |   |      |           |   |   |   |       |            |   |   |   |       |  |  |   |   |   |  |          |   |   |   |      |            |   |   |   |       |             |   |   |   |       |            |   |   |   |       |             |   |   |   |          |
| IV - 3min  | ○ | ○ | ○ | 3min     |  |          |   |   |   |      |          |   |   |   |     |           |   |   |   |     |          |   |   |   |     |         |   |   |   |     |  |  |   |   |   |  |        |   |   |   |    |          |   |   |   |     |           |   |   |   |     |           |   |   |   |      |           |   |   |   |       |            |   |   |   |       |  |  |   |   |   |  |          |   |   |   |      |            |   |   |   |       |             |   |   |   |       |            |   |   |   |       |             |   |   |   |          |
| V - 20min  | ● | ● | ○ | 20min    |  |          |   |   |   |      |          |   |   |   |     |           |   |   |   |     |          |   |   |   |     |         |   |   |   |     |  |  |   |   |   |  |        |   |   |   |    |          |   |   |   |     |           |   |   |   |     |           |   |   |   |      |           |   |   |   |       |            |   |   |   |       |  |  |   |   |   |  |          |   |   |   |      |            |   |   |   |       |             |   |   |   |       |            |   |   |   |       |             |   |   |   |          |
| VI - 30min   | ○ | ○ | ○ | 30min    |  |          |   |   |   |      |          |   |   |   |     |           |   |   |   |     |          |   |   |   |     |         |   |   |   |     |  |  |   |   |   |  |        |   |   |   |    |          |   |   |   |     |           |   |   |   |     |           |   |   |   |      |           |   |   |   |       |            |   |   |   |       |  |  |   |   |   |  |          |   |   |   |      |            |   |   |   |       |             |   |   |   |       |            |   |   |   |       |             |   |   |   |          |
|  | 7 | 8 | 9 |          |  |          |   |   |   |      |          |   |   |   |     |           |   |   |   |     |          |   |   |   |     |         |   |   |   |     |  |  |   |   |   |  |        |   |   |   |    |          |   |   |   |     |           |   |   |   |     |           |   |   |   |      |           |   |   |   |       |            |   |   |   |       |  |  |   |   |   |  |          |   |   |   |      |            |   |   |   |       |             |   |   |   |       |            |   |   |   |       |             |   |   |   |          |
| I - 2Lux   | ● | ● | ● | 2Lux     |  |          |   |   |   |      |          |   |   |   |     |           |   |   |   |     |          |   |   |   |     |         |   |   |   |     |  |  |   |   |   |  |        |   |   |   |    |          |   |   |   |     |           |   |   |   |     |           |   |   |   |      |           |   |   |   |       |            |   |   |   |       |  |  |   |   |   |  |          |   |   |   |      |            |   |   |   |       |             |   |   |   |       |            |   |   |   |       |             |   |   |   |          |
| II - 10Lux   | ○ | ● | ● | 10Lux    |  |          |   |   |   |      |          |   |   |   |     |           |   |   |   |     |          |   |   |   |     |         |   |   |   |     |  |  |   |   |   |  |        |   |   |   |    |          |   |   |   |     |           |   |   |   |     |           |   |   |   |      |           |   |   |   |       |            |   |   |   |       |  |  |   |   |   |  |          |   |   |   |      |            |   |   |   |       |             |   |   |   |       |            |   |   |   |       |             |   |   |   |          |
| III - 25Lux  | ○ | ○ | ● | 25Lux    |  |          |   |   |   |      |          |   |   |   |     |           |   |   |   |     |          |   |   |   |     |         |   |   |   |     |  |  |   |   |   |  |        |   |   |   |    |          |   |   |   |     |           |   |   |   |     |           |   |   |   |      |           |   |   |   |       |            |   |   |   |       |  |  |   |   |   |  |          |   |   |   |      |            |   |   |   |       |             |   |   |   |       |            |   |   |   |       |             |   |   |   |          |
| IV - 50Lux   | ○ | ○ | ○ | 50Lux    |  |          |   |   |   |      |          |   |   |   |     |           |   |   |   |     |          |   |   |   |     |         |   |   |   |     |  |  |   |   |   |  |        |   |   |   |    |          |   |   |   |     |           |   |   |   |     |           |   |   |   |      |           |   |   |   |       |            |   |   |   |       |  |  |   |   |   |  |          |   |   |   |      |            |   |   |   |       |             |   |   |   |       |            |   |   |   |       |             |   |   |   |          |
| V - Disable  | ○ | ○ | ○ | 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.