Phoenix VII
Multi Power,Tri Colour
Installation Instructions

diamond led lighting ®
lighting the future

SELECT

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 carriedout 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.

Mains Wiring

Brown (Live)
Yellow/Green (Earth)
Blue (Neutral)
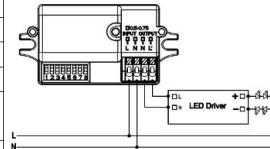
PH7-18T Emergency version

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.

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
- IP65
- Selectable Power 10W, 14W and 18W

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:

1. Sensitivity
Sensitivity can be adjusted by selecting the combination on the DIP switches for different applications.

I –100%
II – 75%
III – 50%
IV – 25%

	1	2	
I	ON	ON	100%
II	ON	-	75%
III	-	ON	50%
IV	-	-	25%

2. Hold-time
Hold-time refers to the time period that the light remains 100% on if no more movement is detected.

I – 5s
II – 30s
III – 60s
IV – 3min
V – 5min
VI –10min
VII- 20min
VIII- 30min

	3	4	5	
I	ON	ON	ON	5S
II	ON	ON	-	30S
III	ON	-	ON	1min
IV	ON	-	-	3min
V	-	ON	ON	5min
VI	-	ON	-	10min
VII	-	-	ON	20min
VIII	-	-	-	30min

3. Daylight sensor
Different daylight threshold can be preset on DIP switches. Light will always turn on upon movement if daylight sensor is disabled.

I – 2Lux
II – 10Lux
III – 25Lux
IV – 50Lux
V – Disable

	6	7	8	
I	ON	ON	ON	2Lux
II	ON	ON	-	10Lux
III	ON	-	ON	25Lux
IV	ON	-	-	50Lux
V	-	-	-	Disable

*Disable means the daylight sensor does not work. The sensor will turn on light once motion is detected regardless of ambient light level.

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.

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