PHOEBE LED

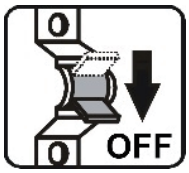
MELANA LED ROUND BULKHEAD

This instruction sheet is relevant to Phoebe LED Melina Round Bulkhead
part codes: 6492, 6508, 10239, 10046, 10253, 10284, 10291, 10307, 10628 & 10635

THANK YOU for buying this PHOEBE LED product. To help ensure this luminaire gives complete satisfaction please only use it according to the following instructions, and then pass the instructions to the appropriate person for retention and future reference.

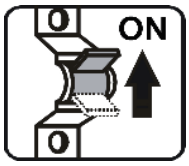
BEFORE YOU START
PLEASE READ ALL THE INSTRUCTIONS CAREFULLY

PRIOR TO INSTALLATION



Turn power off at the mains

ONLY ONCE INSTALLATION IS COMPLETE



Turn power back on at the mains

CIRCUIT TESTING

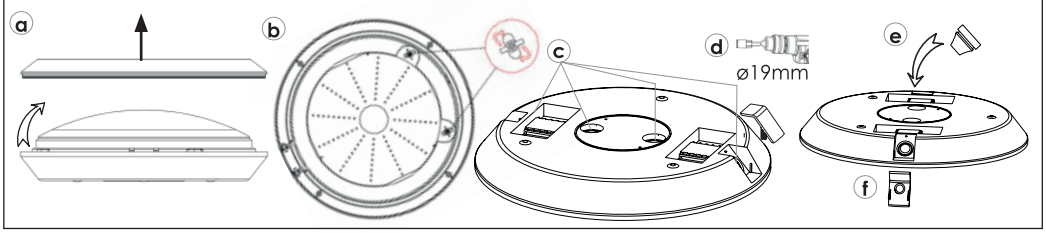
For high voltage circuit insulation testing disconnect mains input supply first
(Do not circuit test using a Megger)

Warning

1. Installation only to be carried out by a qualified electrician
2. Please ensure surface is suitable and capable of holding the lamp weight
3. Do not operate if product is damaged
4. Suitable for use in or outdoors IP66 rating
5. This product is not suitable for fire rated installations

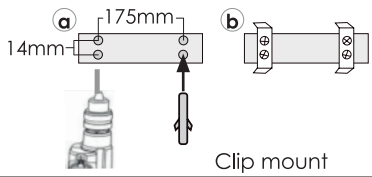
1. Prepare the Melana bulkhead

a. Remove outer ring and open the diffuser
b. Twist the plastic locks to relese LED tray and open
c. Choose a location for power cable will pass
N.B. For the microwave sensor and emergency options only 1 rear entry point will be viable, on the combined emergency/microwave sensor model only side entry points **can be used.**
d. Drill/cut ø19mm hole in required position
e. Insert rubber grommet to preserve IP rating
f. If either side used drill hole up to ø10mm in outer cover to pass cable through and replace



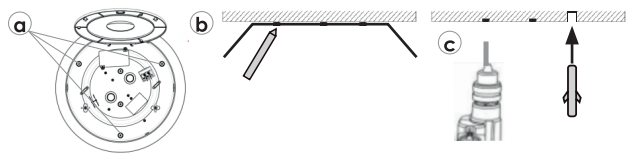
2. Prepare mounting surface

a. For clip mount use the supplied drilling template, drill ø8mm holes and insert supplied raw plugs
b. Align clips and screw into position



Clip mount

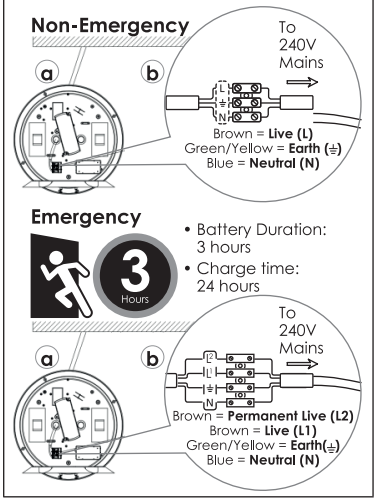
a. For secured surface mount drill out the holes to ø5mm
b. Align to required position and mark drill points
c. Drill ø8mm holes where marked and insert raw plugs



Secured mount

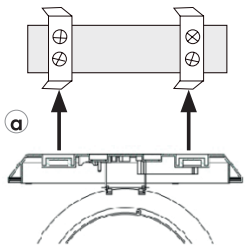
3. Wire to mains electricity

a. Thread cable through the hole/s and grommet from section 1
b. Terminate cables in accordance with current wiring regulations



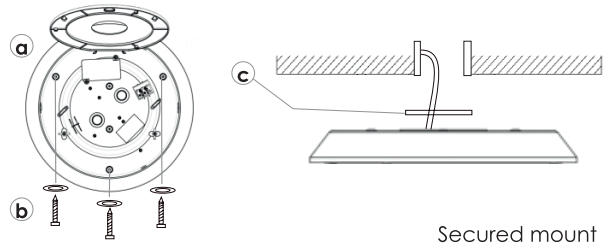
4. Attach Melana bulkhead

a. For clip mount simply align with bulkhead and push into place



Clip mount

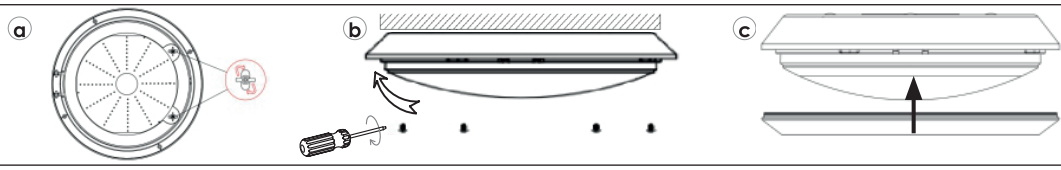
a. For secured surface mount align holes with inserted raw plugs
b. Screw into surface using supplied screws and screw seal rings
c. If installed over a juction terminal use the supplied seal ring



Secured mount

5. Close bulkhead

a. Close the led tray and secure by twisting the plastic locks
b. Close the diffuser and secure with the 4 screws provided
c. Push the outer ring into place to complete installation



Images are for information only. Phoebe LED shall not be held liable for improper operation of the luminaire in circumstances where procedures and specifications have not been followed correctly. Crompton Lamps Limited 2017

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PHOEBE LED

MELANA LED ROUND BULKHEAD

This instruction sheet is relevant to Phoebe LED Melina Round Bulkhead part codes: 10239, 10246, 10253, 10284, 10291 & 10307

THANK YOU for buying this PHOEBE LED product. To help ensure this luminaire gives complete satisfaction please only use it according to the following instructions, and then pass the instructions to the appropriate person for retention and future reference.

Warning

Sensor adjustment should be done prior to install, for adjustments after installation please ensure mains power is turned off

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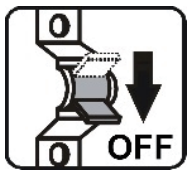
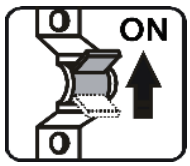
PRIOR TO ADJUSTMENT



Turn power off at the mains

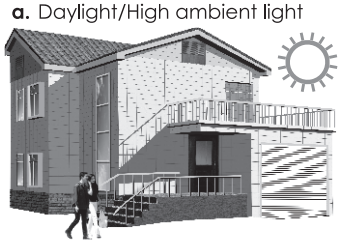
ONLY ONCE AJUSTMENT IS COMPLETE



Turn power back on at the mains

1. Microwave detection

a. Daylight/High ambient light



The sensor will not trigger the light with motion when sufficient ambient light is present.

b. Dusk/Nightime - Motion Detected

The sensor will trigger the light with motion when there is insufficient ambient light. Hold time can be set to 5s/90s/3min or 10min.

c. Dusk/Nightime - After Detection

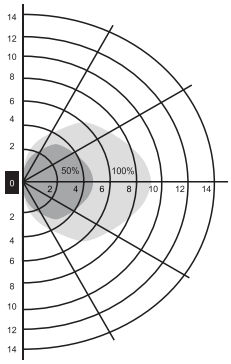
If active, light will dim to set level 10%/25% after the hold time and stay dimed until stand-by time has expired, this can be set to 0s/30s /10min or ∞.

d. Dusk/Nightime - After Hold/Standby

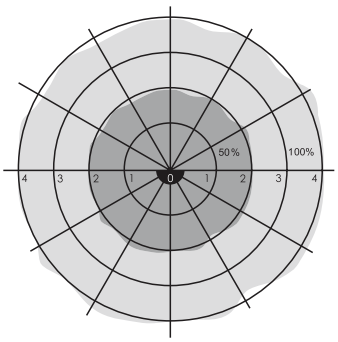
The sensor will switch off the lamp when no new motion detected after hold time/ stand-by timers have expired.

2. Detection pattern

a. Wall mounted pattern (at 1.5m)



b. Ceiling mounted pattern (at 3m)



1. Microwave sensor settings

a. Detection area

ON		1	
	I	ON	100%
	II	–	50%

Detection area can be adjusted from 100% to 50% by toggleing DIP switch 1. Exact detection pattern dependant on mounting height and orientation.

e. Stand-by dimming level

ON		8	
	I	ON	10%
	II	–	25%

Dimming level for stand-by mode can be adjusted using DIP switch 8. Set to 10% or 25% as desired. Lamp will come out of stand-by on each new movement detection.

b. Hold time

ON		2	3	
	I	ON	ON	5S
	II	–	ON	90S
	III	ON	–	3min
	IV	–	–	10min

Hold time can be adjusted to one of the following four settings:

I. **5 seccond hold**
II. **90 second hold**
III. **3 minute hold**
IV. **10 minute hold**

During hold time the lamp will operate at 100% output.
Toggle DIP switch numbers 2 & 3 as per table for desired selection.

c. Daylight sensor

ON		4	5	
	I	ON	ON	Disable
	II	–	ON	50Lux
	III	ON	–	15Lux
	IV	–	–	5Lux

The sensor can be adjusted to allow the lamp to illuminate only below a defined ambient theshold.

I. **Disable -** Lamp will illuminate on motion detection reguardless of ambient light level.
II. **50 lux -** illuminate on motion detection during dusk and darker ambient light levels.
III. **15 lux -** illuminate on motion detection during night/dark ambient light levels.
IV. **5 lux -** illuminate on motion detection during very low ambient light levels only.

Toggle DIP switch numbers 4 & 5 as per table for desired selection.

d. Stand-by mode

ON		6	7	
	I	ON	ON	0S
	II	–	ON	30S
	III	ON	–	10min
	IV	–	–	+∞

The sensor can be adjusted to allow the lamp to operate at a dimmed stand-by mode after hold time has expired, the following four settings can be set:

I. **0s -** Lamp will turn off after hold time expires.
II. **30s -** Lamp will dim to set level and hold for 30 seconds before turning off.
III. **10 min -** Lamp will dim to set level and hold for 10 minutes before turning off.
IV. **∞ -** Lamp will dim to set level and hold indefinately.

Toggle DIP switch numbers 6 & 7 as per table for desired selection.

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