



PHOTIUS

INTEGRATED CCT



This instruction sheet is relevant to Phoebe LED Photius Integrated CCT part codes: 12219, 12226, 12233, 12240, 12257 and 12264

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

1. Installation only to be carried out by a qualified electrician
2. Please ensure surface is suitable and capable of holding the luminaire weight
3. Do not operate if product is damaged
4. This product is not suitable for fire rated installations



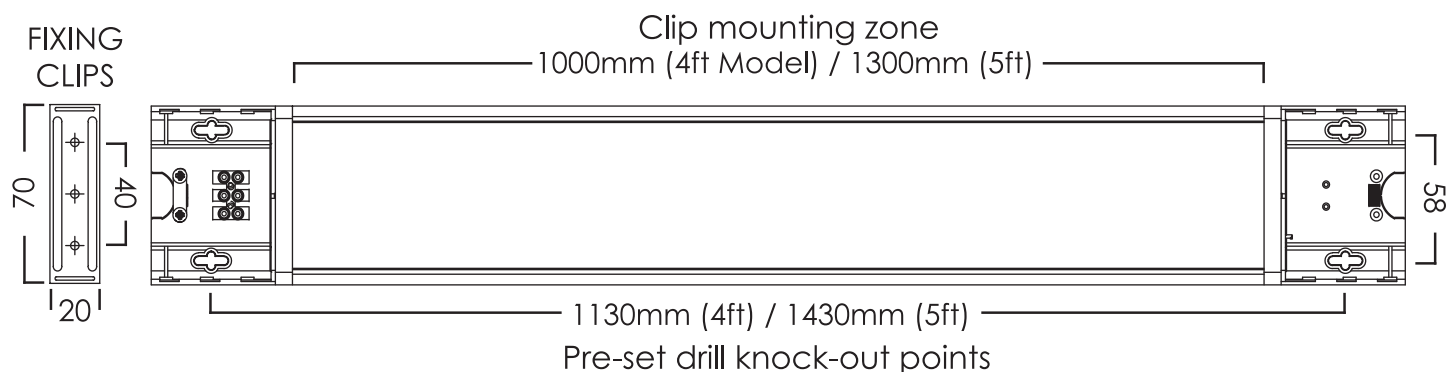
Environmental Protection

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

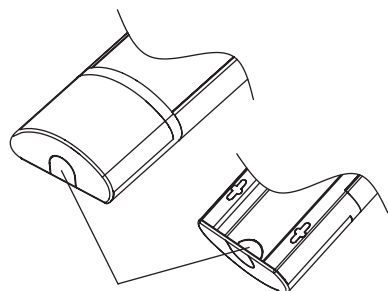
Specifications:

Code	Length	Width	Depth	Wattage	Voltage	Power Factor	IP Rating	Total Lumens	Ambient Operating Temperature	Beam Angle	Insulation	Weight
12219	4ft/1200mm	80mm	36mm	40W	240V	>0.9	IP42	4800lm	-20°C to 40°C	120°	Class I	0.88 KG
12240	5ft/1500mm	80mm	36mm	60W	50/60Hz	>0.9		7200lm				1.08 KG
Microwave Sensor Models												
12226	4ft/1200mm	80mm	36mm	40W	240V	>0.9	IP42	4800lm	-20°C to 40°C	120°	Class I	0.88 KG
12257	5ft/1500mm	80mm	36mm	60W	50/60Hz	>0.9		7200lm				1.08 KG
3 Hour Emergency Models												
12233	4ft/1200mm	80mm	36mm	40W	240V	>0.9	IP42	4800lm	-20°C to 40°C	120°	Class I	1.06 KG
12264	5ft/1500mm	80mm	36mm	60W	50/60Hz	>0.9		7200lm				1.26 KG

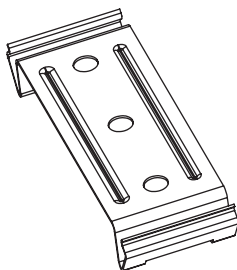
Dimensions (mm)



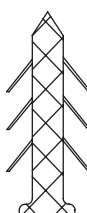
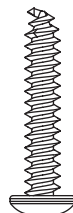
SUPPLIED ACCESSORIES



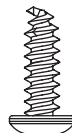
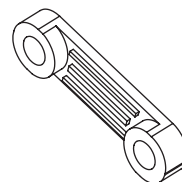
Mains Entry
Knock-out



Fixing Clips x2



Fixing Screws &
Raw-plugs x4



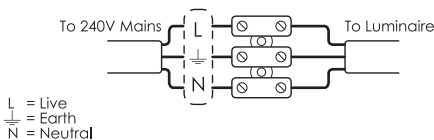
Cable Clamp x1
Clamp Screws x2

Please review full fitting instructions on next page before connecting to mains.

Connect to mains in accordance with current wiring regulations.

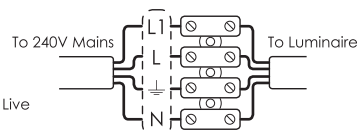
Use end or rear Mains Entry point.

Standard and Microwave Sensor Luminaire Circuit Diagram



Emergency Luminaire Circuit Diagram

L1 = Unswitched Live
L = Live
N = Neutral
Earth = Earth

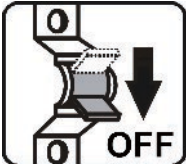


Images are for information only. Phoebe LED shall not be held liable for improper operation of the luminaire in circumstances where procedures and specifications have not been followed correctly. Crompton Lamps Limited 2018

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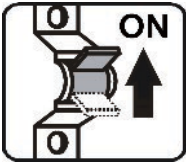
BEFORE YOU START
PLEASE READ ALL THE INSTRUCTIONS CAREFULLY

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)

a. Surface Mount Via Clips

1. Ensure the surface is suitable for mounting and holding the fitting weight.
2. Mark fixing points for clips (measurements overleaf) clips should be widely spaced for stability.
3. Drill 5mm holes to approximately 28mm depth and insert raw-plugs.
4. Secure clips in place using supplied screws.
5. Remove end cover and remove mains entry knock-out point.
6. Wire to mains in accordance with current wiring regulations, see overleaf for circuit diagram.
7. Ensure Cable clamp is applied and tight to prevent mains wire from pulling out of the terminal block.
8. Replace end cover.
9. Offer the base up to the clips & push to snap fit, installation is now complete.

b. Direct Surface Mount

1. Ensure the surface is suitable for mounting and holding the fitting weight.
2. Remove end covers and knock-out mounting points and mains entry point.
3. Mark fixing points on surface (measurements overleaf).
4. Drill 5mm holes to approximately 28mm depth and insert raw-plugs.
5. Wire to mains in accordance with current wiring regulations, see overleaf for circuit diagram.
6. Ensure Cable clamp is applied and tight to prevent mains wire from pulling out of the terminal block.
7. Hold fitting in alignment with mounting points and secure with supplied screws.
8. Replace end covers, installation is now complete.

c. Chain or Wire suspension

1. Ensure the suspension is suitable for holding the fitting weight.
2. Attach the chain/wire to the mounting clips
3. Remove end cover and knock-out mains entry point.
4. Wire to mains in accordance with current wiring regulations, see overleaf for circuit diagram.
5. Ensure Cable clamp is applied and tight to prevent mains wire from pulling out of the terminal block.
6. Replace end cover.
7. Offer the base up to the clips & push to snap fit, installation is now complete.

EMERGENCY MODELS Charge Time: 24 hours Discharge: ≥3 hours

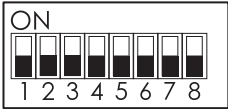
When installing emergency versions ensure to mark fitting label with installation date.

Important: Open the emergency-test side of the luminaire and turn the **Battery Disable Switch** to the "ON" position before use (Note: This can be set to "OFF" when the luminaire is in storage or transportation).

Note: Indicator light displays green when power is connected, in event of a power cut the indicator light will go out and Emergency function will start.

To test emergency function hold down test button next to indicator light.

SENSOR MODELS The sensor settings can be adjusted, see diagram for relevant dip-switch positions:



Sensor Settings

1/2 Detection Range

	ON - ON 100%
	OFF - ON 75%
	ON - OFF 50%
	OFF - OFF 25%

3/4 Hold Time

	ON - ON 5 Seconds
	OFF - ON 90 Seconds
	ON - OFF 3 Minutes
	OFF - OFF 10 Minutes

5/6 Daylight Threshold

	ON - ON ∞
	OFF - ON 50 lux
	ON - OFF 15 lux
	OFF - OFF 5 lux

7/8 Operating mode

	ON - ON Instant off
	OFF - ON 30 Seconds
	ON - OFF 10 Minutes
	OFF - OFF ∞

1/2 Detection Range	
Area of detection	100% Up-to 6.0 Metres
	75% Up-to 4.5 Metres
	50% Up-to 3.0 Metres
	25% Up-to 1.5 Metres
3/4 Hold Time	
100% lumen output after detection	5 Seconds
	90 Seconds
	3 Minutes
	10 Minutes
5/6 Daylight Threshold	
Ambient light level before detection triggers luminaire	∞ Always on
	50 lux Dusk
	15 lux Twilight
	5 lux Night
7/8 Operating mode	
20% Dimmed illumination after hold time	Instant off
	30 Seconds
	10 Minutes
	∞ Always on

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