

ORACLE
17009 Microwave
Sensor Module



ORACLE 17009 Microwave Sensor Module Installation Guide

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ORACLE 17009 Microwave Sensor Module

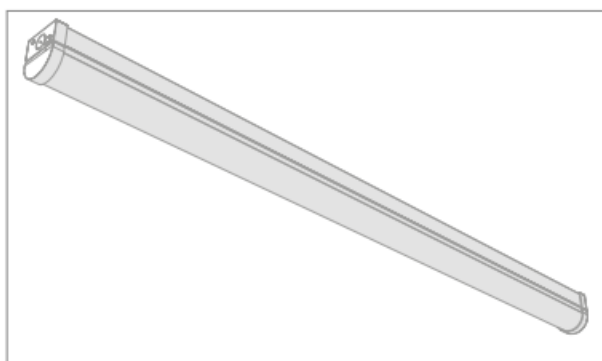


Specifications

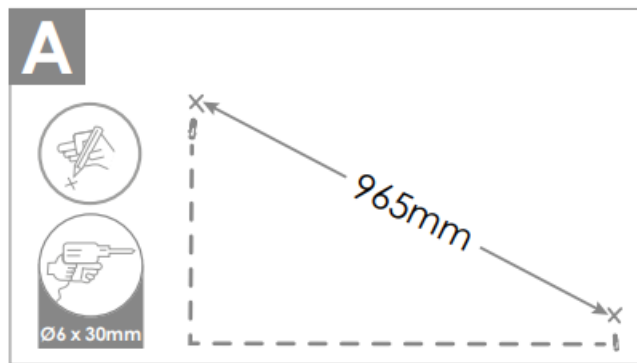
Product Code	Length	Width	Height	Wattage	Voltage	IP Rating	IK Rating	Total Lumens	Ambient Operating Temperature	Beam Angle	Weight
16897	4ft/1200mm	61mm	71mm	20/26/30/37W	220-240V 50/60Hz	IP20	IK08	5500lm – 9300lm	Ambient	120°	1.25 KG – 1.9 KG
16963	5ft/1500mm	61mm	71mm	30/35/42/50W	220-240V 50/60Hz	IP20	IK08	7500lm	Ambient	120°	1.6 KG
16910	6ft/1800mm	61mm	71mm	35/42/50/62W	220-240V 50/60Hz	IP20	IK08	9300lm	Ambient	120°	1.9 KG

Installation Instructions

Use an appropriate amount of fixtures to hold the unit weight



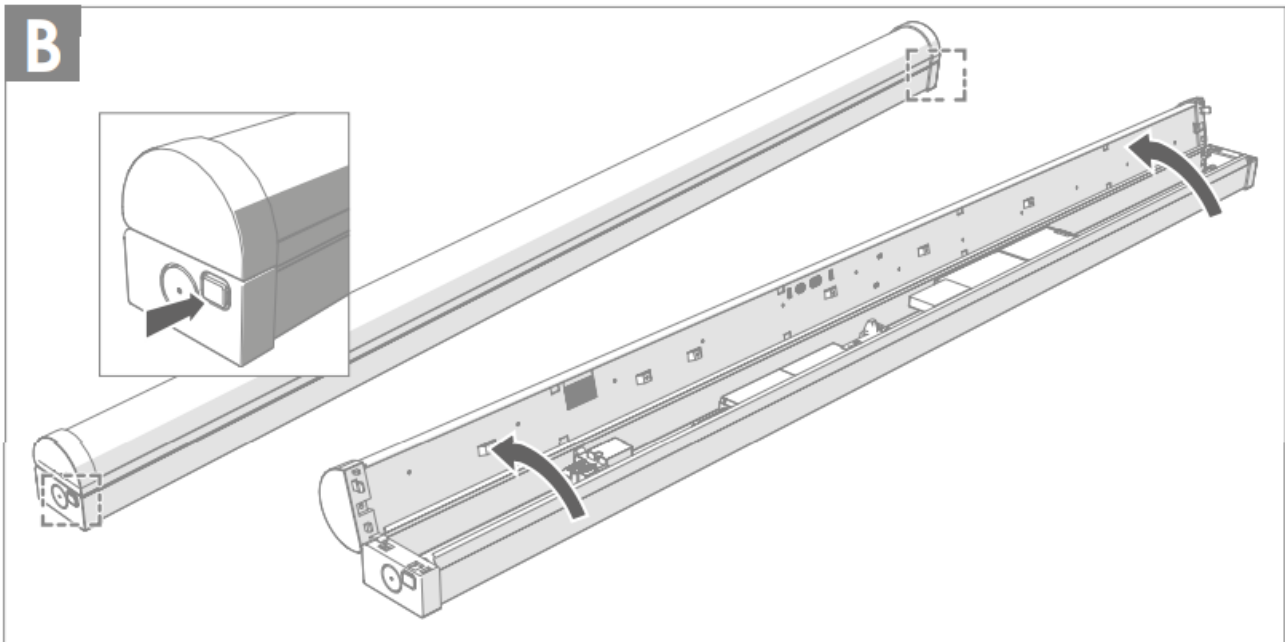
Preparation



Prepare surface/mount ensure mount can hold the product weight

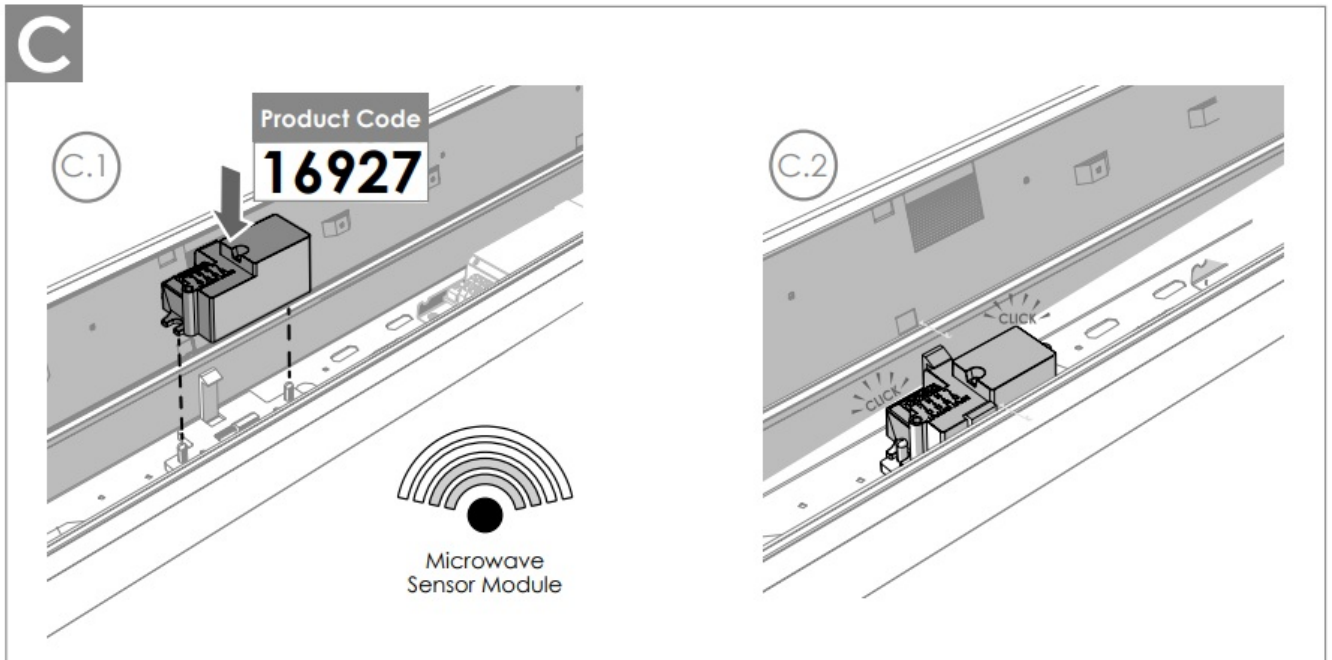
Open unit

Push in lock buttons on either end and open as indicated



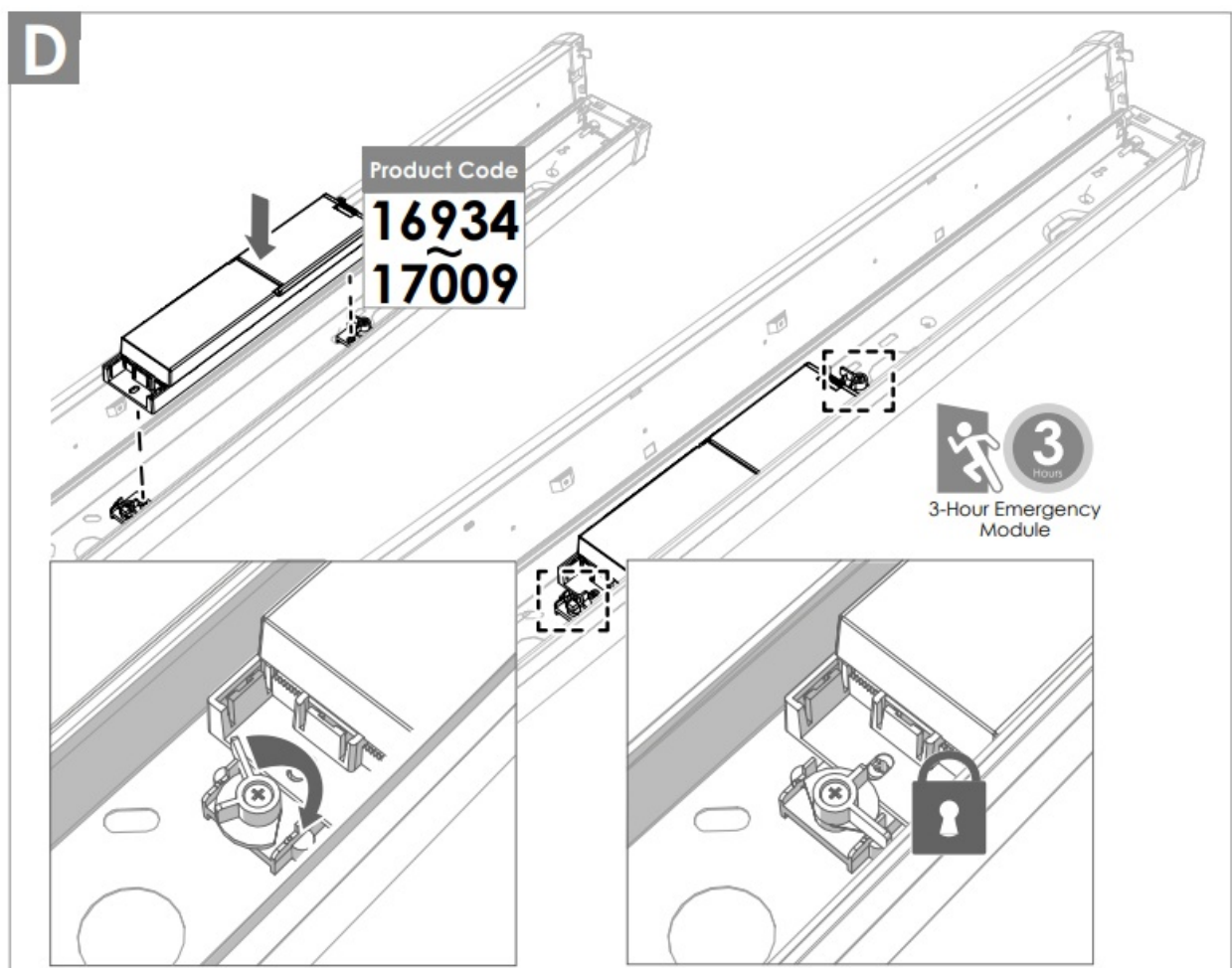
Install Microwave Sensor

1. C.1 Align with tabs
2. C.2 Push until locked into position



Install Emergency Module

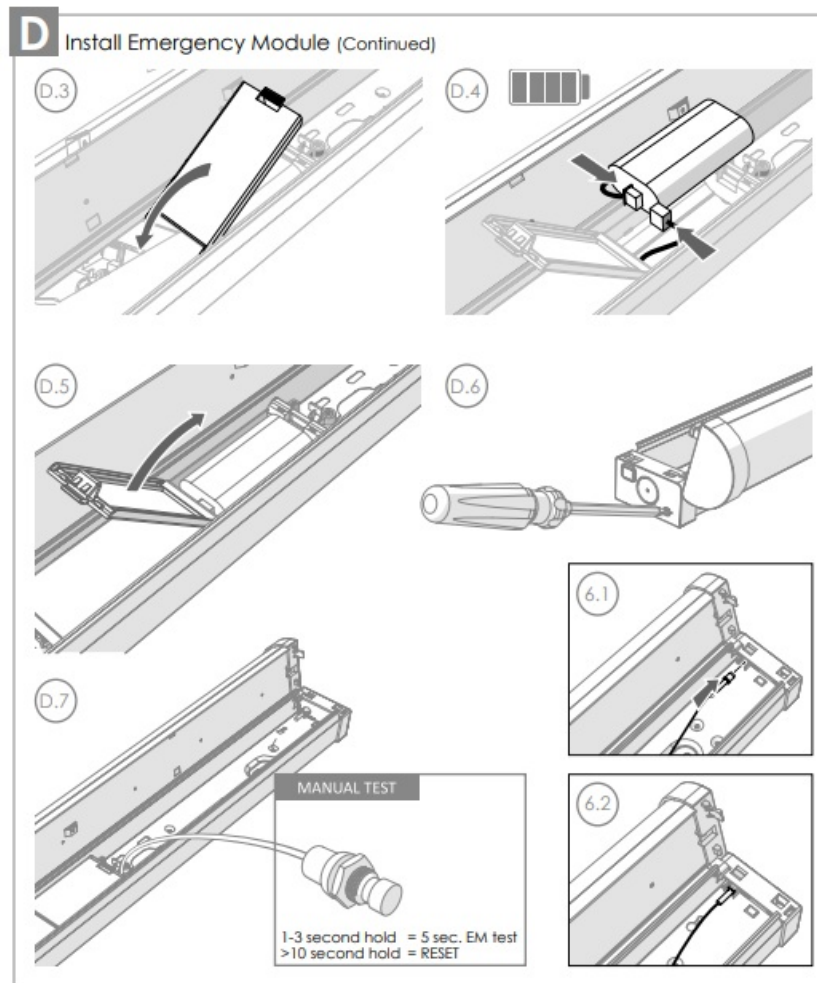
1. D.1 Align with tabs
2. D.2 Turn locking tabs into locked position



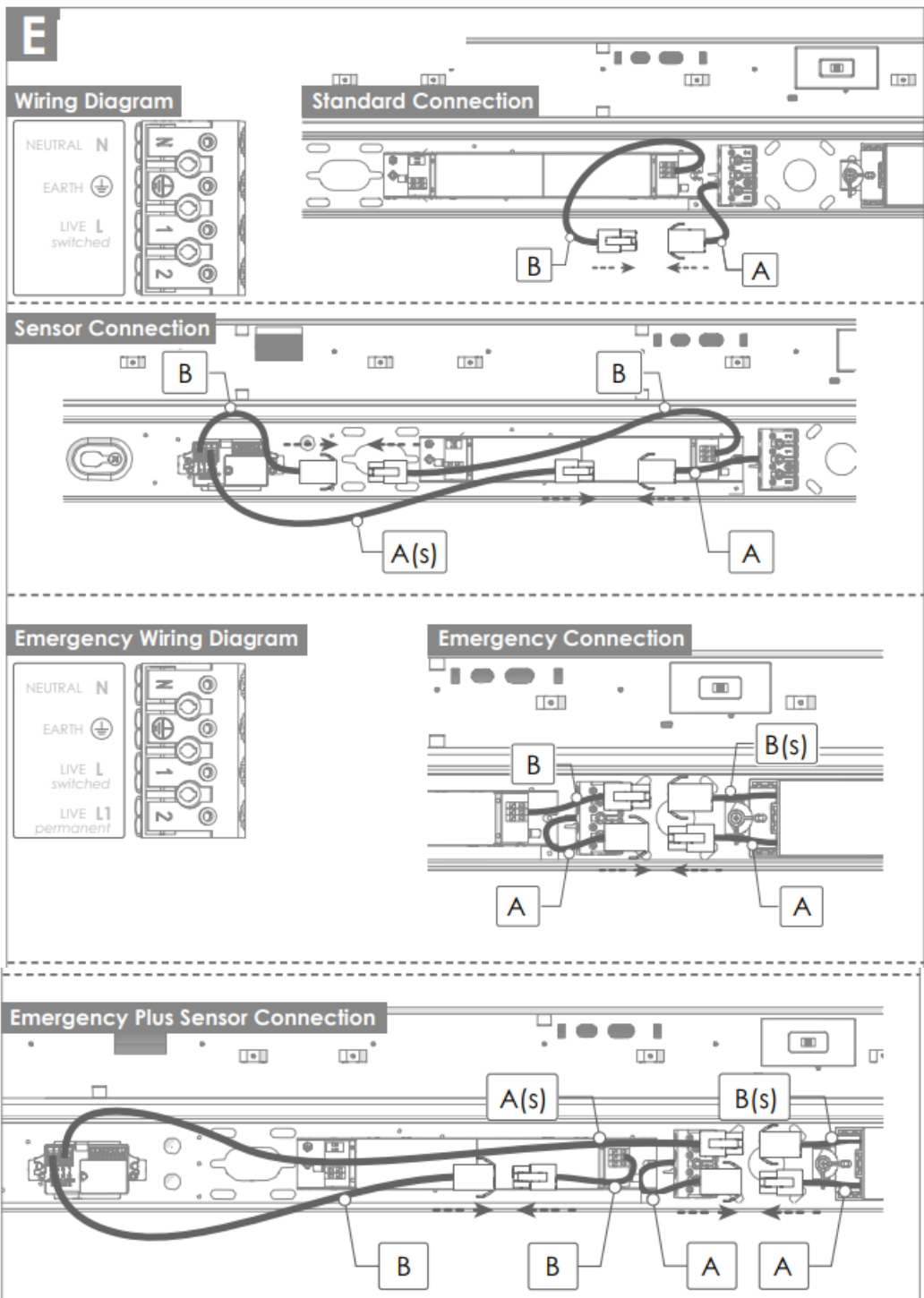
3. D.3 Open battery compartment
4. D.4 Connect 3.2V LiFePO4 1W / 1500mA battery
5. D.5 Close battery compartment
6. D.6 Push out LED status light bung

For Manual test follow above testing guide, open cover for access.

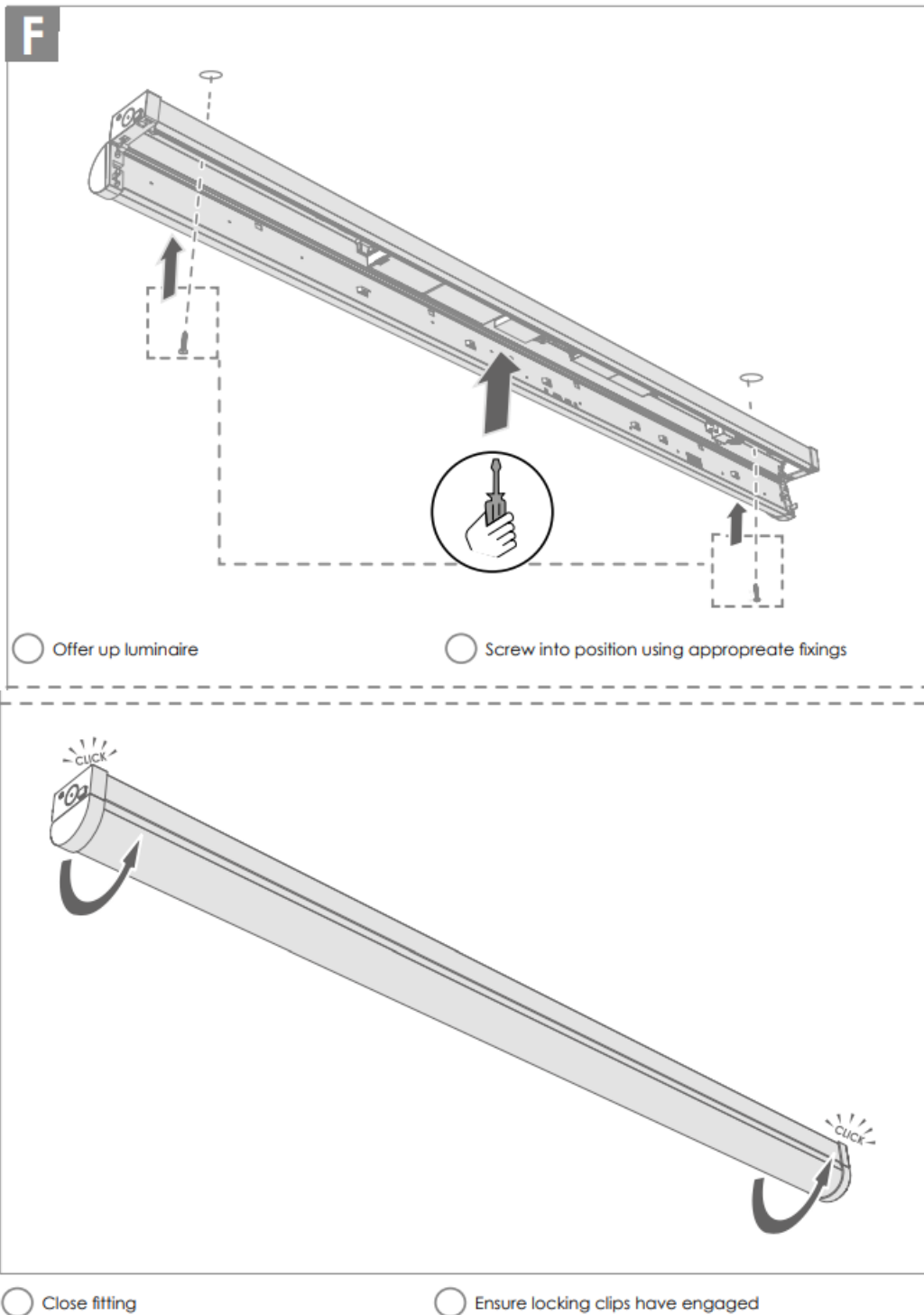
1. D.7 6.1 Align LED status light
2. 6.2 Push LED status light into place



Wiring + Connection Information

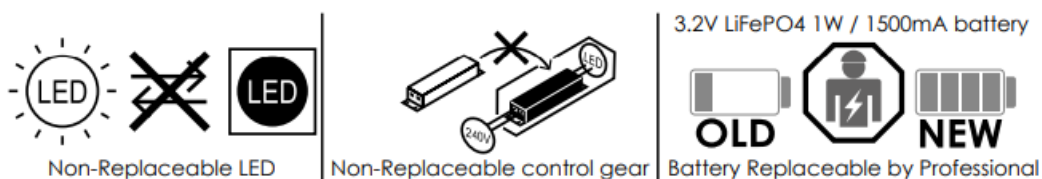


Final Install

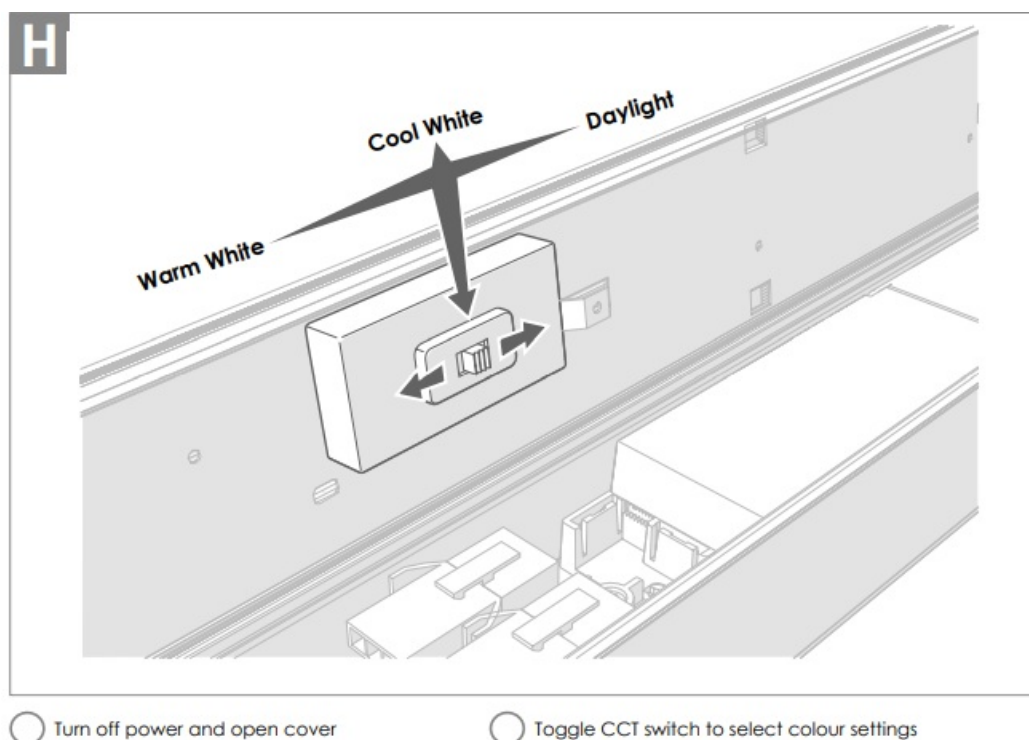


G Emergency Indicator

LED	LED Colour	Status
ON	GREEN	Battery Good
ON / OFF / ON (0.25 sec)	GREEN	On / Off Test
ON / OFF / ON (1 sec)	GREEN	Timed Test
ON	RED	LED OR Power Issue
ON / OFF / ON (0.25 sec)	RED	Low or Faulty Battery
ON / OFF / ON (1 sec)	RED	Charge or Live Error
OFF	RED + GREEN	Switch Live or Live Error



CCT Settings



Wattage Selection Settings

16897 – 4 FT Oracle Plus

Power (W)	Dip Switch Settings		
	1	2	3
22	—	—	ON
27	—	ON	—
34	ON	—	—
40	—	—	—

16963 – 5 FT Oracle Plus

Power (W)	Dip Switch Settings		
	1	2	3
30	—	—	ON
35	—	ON	—
42	ON	—	—
52	—	—	—

16910 – 6 FT Oracle Plus

Power (W)	Dip Switch Settings		
	1	2	3
36	—	—	ON
42	—	ON	—
50	ON	—	—
63	—	—	—

Turn off power and open cover

Toggle Wattage selection dip switches to select output power

Microwave Sensor Settings

Detection Area

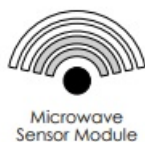
Range	Dip Switch Settings	
	1	2
100%	ON	ON
75%	ON	—
50%	—	ON
25%	—	—

Daylight Sensor

Light Level	Dip Switch Settings		
	6	7	8
2 LUX	ON	ON	ON
10 LUX	ON	ON	—
25 LUX	—	ON	—
50 LUX	ON	—	—
DISABLED	—	—	—

Hold Time

Time	Dip Switch Settings		
	3	4	5
5 Seconds	ON	ON	ON
30 Seconds	ON	ON	—
1 Minute	ON	—	ON
3 Minutes	ON	—	—
5 Minutes	—	ON	ON
10 Minutes	—	ON	—
20 Minutes	—	—	ON
30 Minutes	—	—	—



Turn off power and open cover
Toggle Microwave sensor dip switches to select desired output

Reference/Location:			In case of issue, contact Installation Engineer:			
FULL RECHARGE TIME 24 HOURS			DURATION 3 HOURS			
TEST RECORD						
	YEAR 1		YEAR 2		YEAR 3	
MONTHLY TEST	Signed	Date	Signed	Date	Signed	Date
Functional						
Functional						
Functional						
Functional						
Functional						
Functional						
Functional						
Functional						
Functional						
Functional						
Functional						
Functional						
3-Hour Test						

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 2024

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FAQ

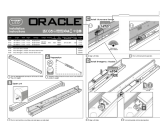
- **Q: What is the battery type used in the Emergency Module?**

A: The Emergency Module uses a 3.2V LiFePO4 1W / 1500mA battery.

- **Q: How do I select different light levels for the Daylight Sensor?**

A: Toggle the Dip Switch settings as per the provided settings for different light levels.

Documents / Resources

	ORACLE 17009 Microwave Sensor Module [pdf] Installation Guide 16927, 16934, 17009, 17009 Microwave Sensor Module, 17009, Microwave Sensor Module, Sensor Module
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References

-  [Home Page - Crompton Lamps Ltd](#)
- [User Manual](#)

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