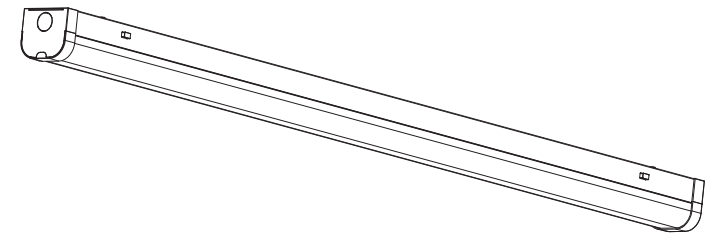
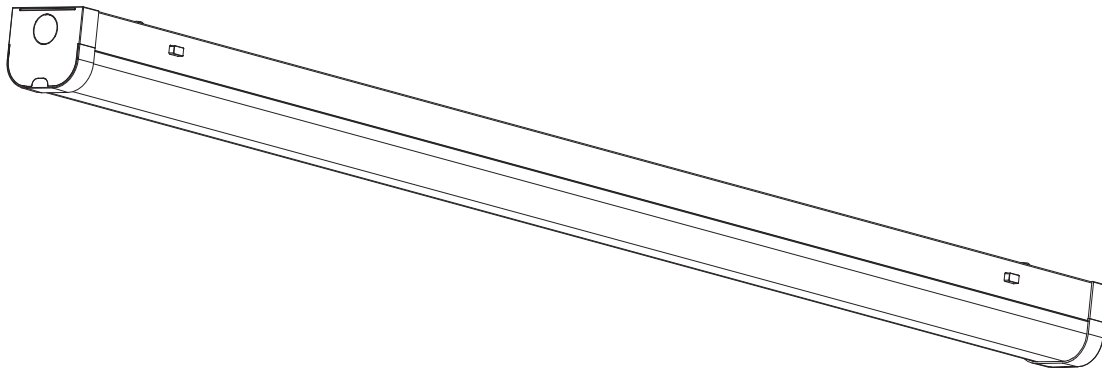



INSTALLATION MANUAL



 1800 909 306

 nedlandsgroup.com.au

 sales@nedlandsgroup.com.au

20W / 40W LED

BATTEN

B20W-CC

B40W-CC

Installation Instructions

To ensure correct function and safety, please read and follow all instructions carefully before using the product:

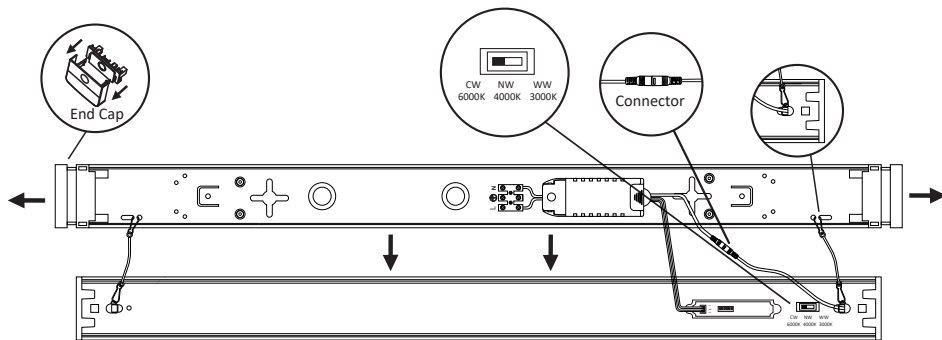
Step 1: Turn off the power supply;

Slide the end caps;
Remove the LED diffuser from the base housing;

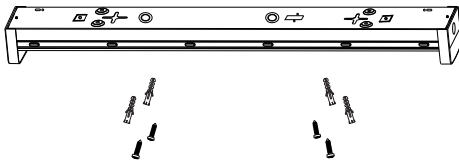
Set specific application by Dip Switch on Sensor (if applicable refer to next page/s);

Select suitable colour temperature by external dip switch:

- i. WW = Warm White 3000K,
- ii. NW = Neutral White 4000K,
- iii. CW = Cool White 6000K,
- iv. Factory Setting = CW.



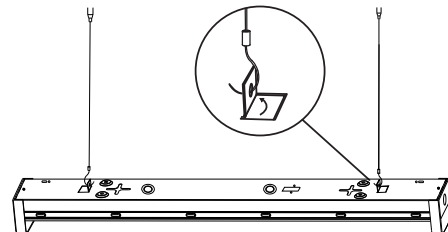
Step 2: Mount the fitting onto ceiling
with wall plugs and screws



Surface Mounted

(4 pcs wall plugs & screws included)

Step 2: Secure the mounting bracket
to the steel cable

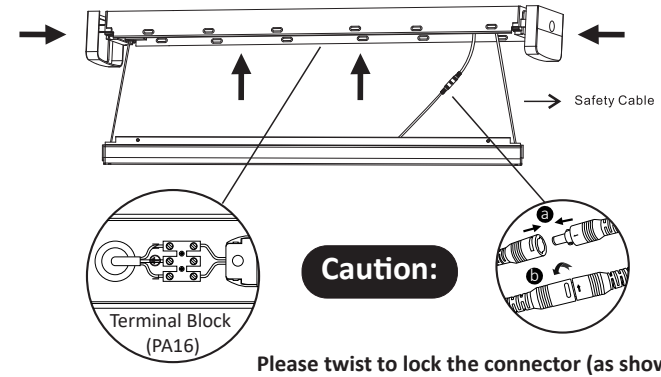


Suspended Mounted

(suspension wires NOT included)

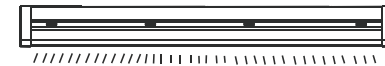
Step 3: Wire the cable into the terminal block through the cable entry hole (refer to next page);

Insert connector between the base and diffuser;
Assemble the diffuser back to the base and also the two caps.

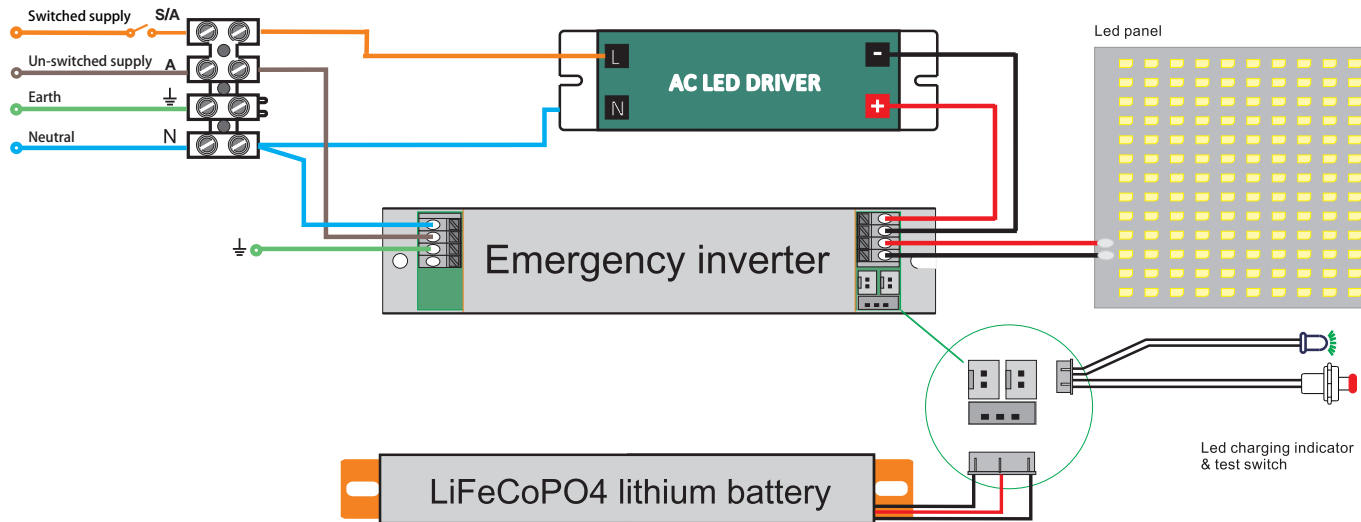


- * Turn off and isolate the electrical supply before connecting this fitting to the building wires.
- * Must be installed or connected by licenced electrician.
- * This product is indoor use only.

Step 4: Turn on the power supply to ensure the luminaire is working properly.



Wiring Diagram (For Emergency Version)



Testing

When luminaire is permanently connected to mains supply, allow the luminaire to fully charge for 24 hours.

Conduct the following tests once the battery has fully charged:

Test 1:

A commissioning discharge test must be carried out once the luminaire is connected to mains supply. The emergency luminaire must remain illuminated for at least 3 hours after disconnection from the mains power.

NOTE: The luminaire works on standard power when connected to mains supply and switches to 3.5W power during emergency mode operation.

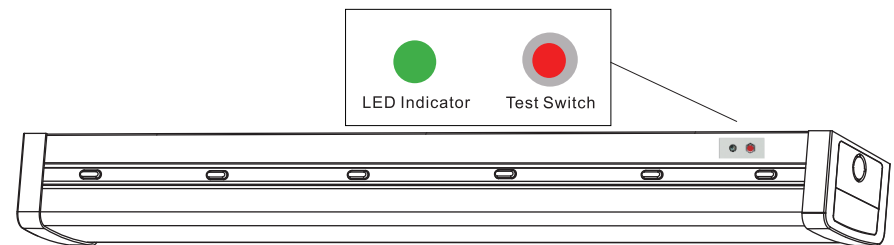
Test 2:

Subsequent tests, performed every 6 months, require the luminaire to successfully operate in emergency mode for 90 mins.

NOTE: A record shall be maintained of all the discharge tests performed on site at all times.

Test Switch and LED Indicator

The Test Switch and LED indicator on the luminaire provide an indication of the status of the luminaire during testing and normal operation.



Test Switch & LED Indicator	ON	OFF
	<ul style="list-style-type: none"> Depress the test switch - luminaire will operate in Emergency mode LED indicator will be off during Emergency mode 	<ul style="list-style-type: none"> On releasing the Test Switch, the luminaire will automatically connect to mains supply LED indicator will illuminate
	<ul style="list-style-type: none"> Luminaire is working on mains supply 	<ul style="list-style-type: none"> Luminaire is working in Emergency mode Luminaire has malfunctioned

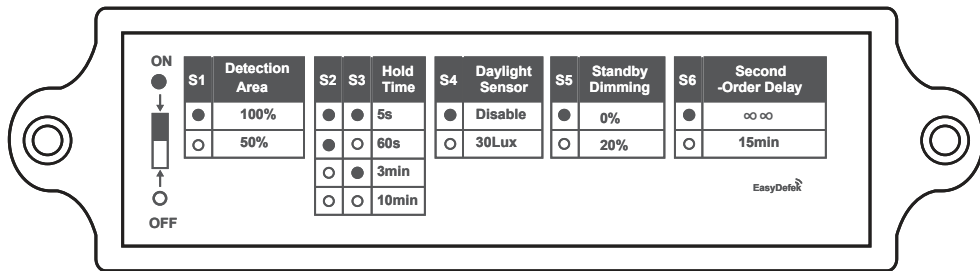
Dip Switch Settings (For Sensor Version)

Be sure to power off before adjusting DIP switch setting.

Setting

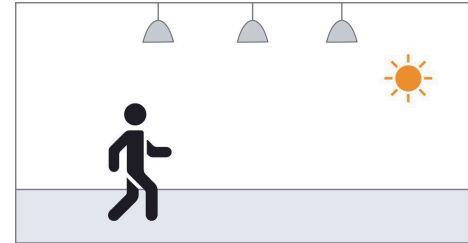
Default Factory Setting:

Detection Area:	100%
Hold Time:	3min
Daylight Sensor:	Disable
Standby Dimming:	20%
Second-Order Delay:	15min

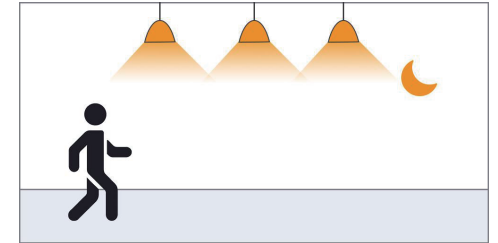


1. Hold Time refers to the time period the lamp remains at 100% illumination after no motion detected.
2. Disable means the daylight sensor does not work. When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected, Regardless of ambient light level. 30lux is twilight operation.
3. Standby Dimming is the low light level that you would like to have after the hold time in the long absence of people.
4. Second-Order Delay refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people. When set to " ∞ ", the low light is maintained until motion is detected. When set to "15min", the light will turn off after 15min.

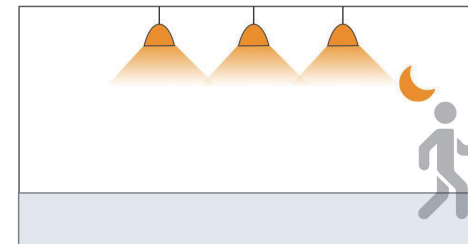
Application Demo



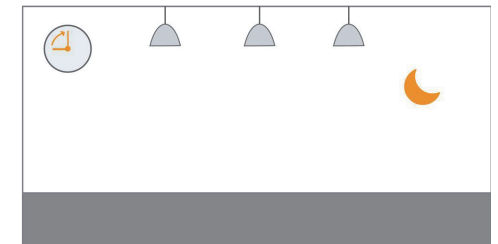
1. When the ambient light is bright enough, the light will not automatically light up even if a moving object is detected.



2. When the ambient light is lower than the preset photosensitive threshold, the light will automatically light up when the sensor detects a moving object.



3. After the moving object leaves, the sensor will enter the delay time when it cannot detect the moving object and keep the light on.



4. After the preset delay time, the light will automatically turn off.