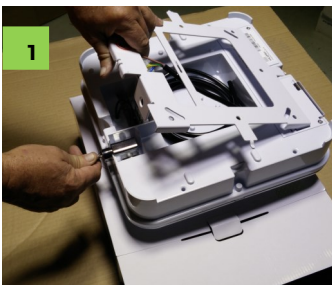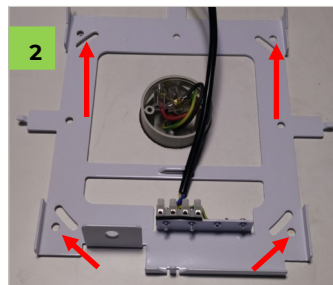# Chamaeleon III

Installation Instructions

⚠️ NOTE: All electrical work must be carried out by a licensed electrician as per the latest AS 3000 wiring regulations. Light must be operated within its specified operating parameters and in accordance with our warranty requirements.
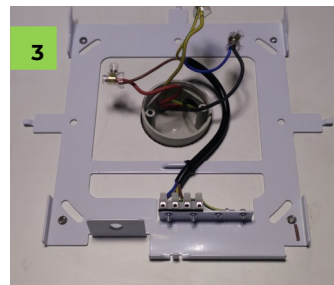
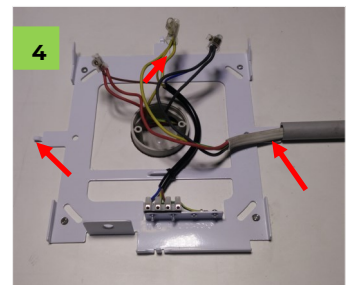These documents are available on our website.

Installation

1
Place the light on a soft surface to avoid scratching the diffuser. Using the key taped to the body of the light, remove the base by turning the key and pulling on the barrel lock.

2
Mount Smart-Connect base by fixing it to the ceiling at all four corners. Minimum size fixing: 6.5mm. If fixing to plasterboard use 4 hollow wall anchors.

3
Connect the Smart-Connect base wiring to the light circuit. **Emergency lights must be connected to permanent active and must not be switched, to prevent premature battery failure.**

4
The conduit locator tabs help to hold the conduit in the correct position. Standard conduit size is 20mm. For 25mm conduit a reducer is required.

5
Place Smart-Connect Base plate hinge tabs into slots located at opposite end to barrel lock. Align the electrical connector terminal pins on the light fitting to the terminal block sockets on the base.

Once aligned, press the light upwards to connect. Do not force the light into the base terminal without aligning the pins and clicking the hinges as the pins may snap. Push barrel lock in to secure.

6
A vandal proof skirt is available as an optional extra (part no. **Cham-VPS**). To install the vandal proof skirt, slide it over the light before connecting the light to the Smart-Connect Base as shown in the previous step.

For emergency lights it is important to stick the emergency symbol on the outside of the vandal proof skirt.

Once installed, the Chameleon III can be easily detached from the Smart-Connect base without disconnecting the power, making it easy for maintenance or light replacement.

⚠️ NOTE: The terminal block remains live and should not be left unattended without a Chamaeleon III light attached.

Chamaeleon III App

After installation, use the Chamaeleon III app to change timer settings, full & standby levels or to disable the motion sensor.

To find out more about the Chamaeleon III app and to download, scan the QR code on the right or follow the link below.

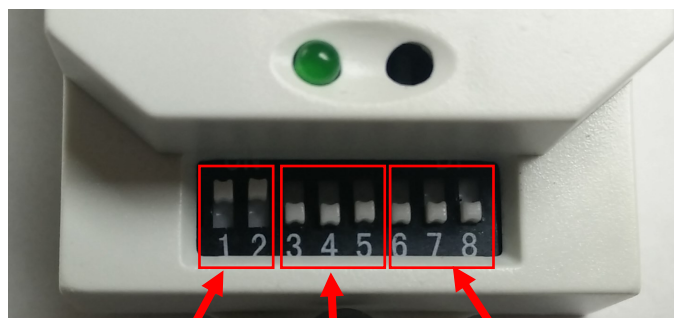www.enlighten.com.au/smart-controls/chamaeleon-3-app

Microwave Sensor Settings

If you wish to adjust microwave sensor settings, remove the diffuser with an Allen key and adjust settings to suit.

Microwave sensor Detection Range

The detection range/sensitivity of the sensor may be adjusted if required. Default setting is **10m.**

Sensor Range		
Dipswitch ->	1	2
2m	OFF	OFF
5m	OFF	ON
8m	ON	OFF
10m	ON	ON

Detection range (S1, S2) **Time** (S3, S4, S5) **PE cell** (S6, S7, S8)

Hold Time

Time the fitting stays at full light, before dimming down to the standby light level.

If the Chamaeleon III App is used to adjust the timer setting, it is important that dipswitches 3,4&5 are left in the OFF position (10s). Factory setting: **10s**

Hold Time (Leave at 10s, use Chamaeleon III app to adjust time)							
Dipswitch ->	S3	S4	S5	Dipswitch ->	S3	S4	S5
10s	OFF	OFF	OFF	50s	ON	OFF	OFF
20s	OFF	OFF	ON	1min	ON	OFF	ON
30s	OFF	ON	OFF	2min	ON	ON	OFF
40s	OFF	ON	ON	5min	ON	ON	ON

Daylight sensor

When the daylight sensor is enabled, the fitting will remain at standby light level when there is sufficient natural light in the area. The fitting will not react to movement during this time. When light levels drop, the motion sensor becomes active again and the fitting will switch to full brightness when motion is detected. A value of 50lux is suitable for most applications. **Please note that the fitting will not turn off completely during the day.**

If this function is not desired, leave dipswitches 6, 7&8 in the OFF position. Factory setting: **24h/OFF**

Daylight Sensor							
Dipswitch ->	S6	S7	S8	Dipswitch ->	S6	S7	S8
24h/OFF	OFF	OFF	OFF	100 lux	ON	OFF	OFF
10 lux	OFF	OFF	ON	200 lux	ON	OFF	ON
20 lux	OFF	ON	OFF	300 lux	ON	ON	OFF
50 lux	OFF	ON	ON	500 lux	ON	ON	ON

Battery Status on Installation

For emergency versions, the status LED indicates battery status and is visible through the diffuser. On light start-up the indicator is light blue and then, after 60 seconds, red or green shows the condition of the battery.

- Light blue—warming up light
- Solid Green or Red –OK
- Flashing Green & Red– battery not connected/faulty
- No light– fitting is faulty

Battery Self-Test Function

The Chamaeleon III emergency light is programmed to automatically conduct a monthly self-test. The test does not disrupt the light's normal operation.

There are 2 types of self-test:

- Monthly 90min test
- Commissioning test of 120min after the light has been installed or whenever the battery is replaced. Battery is charged for 24hrs before the test commences.

Indicator Colour		Light Operation
Solid blue /violet		Testing in progress (90 mins)
Flashing blue / violet		Recently tested and complies* Normal state awaiting next discharge test
Flashing yellow		Tested and failed due to faulty LED's
Flashing red		Tested and failed due to battery

Following a successful discharge test, the blue flashing light indicator will be mixed with a solid green or red light to show battery charge status (red - charging, green—charged)

After each test the results are displayed via a single multi colour LED indicator located under the diffuser, see table above. The test result will be displayed until another self-test has taken place or until the battery has been replaced.

During normal operation the expected indicator colours would be a sequence of 5 blue flashes (to indicate self-test has passed) and either 1 red flash (battery charging) or 1 green flash (battery charged).

Battery Replacement

To replace the battery, open the battery compartment on the side of the fitting. Disconnect the red in-line connector and connect the new battery. Close the battery compartment.

If the light is fitted with a vandal proof skirt, use the Chamaeleon key to unlock the fitting from the smart-connect base first.

Part no. for the replacement battery is **SPC-Batt-HCi**

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