Chamaeleon Eco

Remote Commissioning Tool EN-ERC

User Manual

The remote commissioning tool is used to adjust settings on the Chamaeleon Eco fitting, to suit various environments.

To apply a setting to the fitting, point the commissioning tool at the fitting then press the relevant button.

The fitting will beep if the setting is received successfully.

Using the remote will override settings previously set with the dipswitches inside the fitting.

Change between permanently-on and sensor mode:

- **On/Off** will switch the fitting permanently on or off.
- **Auto Mode** will enable the motion sensor.

Change detection range of the sensor to 100%, 50%, 10%

Change Standby dimming level 10%, 20%, 30%

Change hold time to 30s, 1min, 5 min, 10 min, 30 min

Change twilight time 0s, 10s, 1min,10min, 30min. Use **infinity ∞** to keep the light at standby level during periods of no occupation

Use this button to reset the fitting to the default settings (see table below). If settings have been adjusted with the dipswitches in the EN-SL-S model, it will revert to the dipswitch settings.

Adjust the full light brightness level.

Default is 100%. It can be set to **80%** or adjusted in steps using the **Dim +** and **Dim -** buttons.

Use current ambient light level as the new daylight threshold level. The light will turn off for a few seconds to measure the current ambient light level. Refer to next page for details.

Set the daylight threshold to 2lux, 10lux or 50lux. Refer to next page for details about lux sensor operation.

Disable the daylight sensor

Indicative Settings guide

Location	Sensitivity	Hold Time	Standby Time
Fire Stairs	100%	30 sec	Infinity
Corridors	100%	1 min	Infinity
Car Park Driveways	Permanently-on	——	——
Car Park Parking Bays	100%	1min or 5 min	Infinity
Store Rooms/Plant Rooms	100%	10 min	1 min

Default settings

Setting	Default
Detection Range	100%
Hold Time	30 seconds
Standby Light Level	10%
Standby Light Time	Infinity
Daylight Sensor	Disabled

Normal Sensor Function

The light will turn on when the sensor detects motion and will remain on full light for the duration of the hold time once motion is no longer detected. After the hold time has elapsed, the light dims to standby light level. It can then be set to remain in standby mode (recommended) or turn off completely after the twilight time.
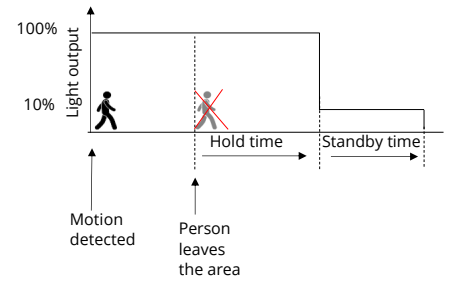

The light switches to 100% when motion is detected.

When movement ceases, after the **hold time,** the light switches to standby mode.

If **twilight time** is set to *infinity* the light remains in standby mode and does not turn off.
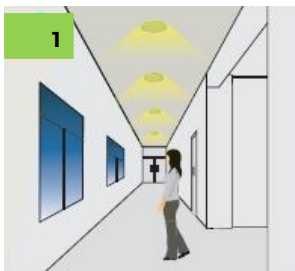

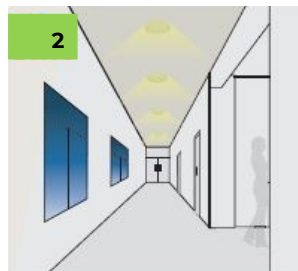After the **twilight time** has elapsed the light switches off.

Using the Daylight Sensor

The light can be set to turn off when there is enough ambient light during the day. Then automatically turn on at standby light level as ambient light levels drop in the evening. This is useful if the light is mounted outside or near windows.
 To enable the daylight monitoring function, select one of the lux settings on the remote commissioning tool (2 lux, 10 lux, 50 lux) or press the blue daylight sensor button on the remote commissioning tool (takes current ambient light level as new threshold). Refer to the images below for details of this function.
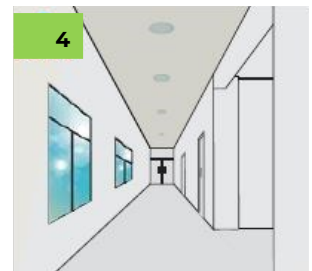

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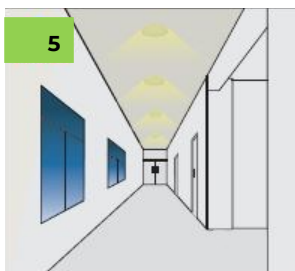At night, the light switches on at 100% when motion is detected.

2

Light dims to stand-by level after the hold-time when motion is no longer detected.
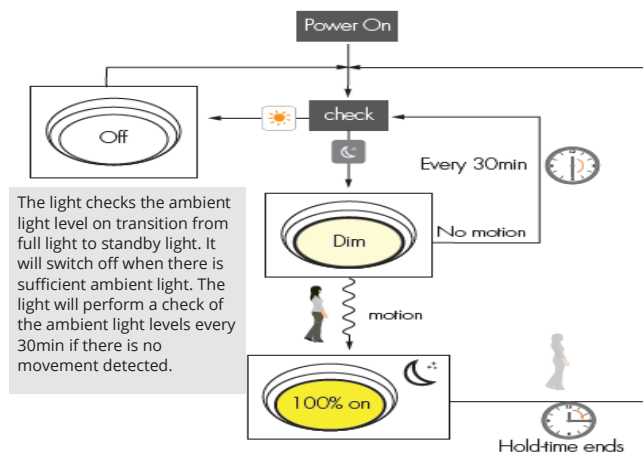

3

Light stays at standby light level during the night.

4

At dawn, the light turns off completely when ambient light rises above the daylight threshold. The fitting will not react to motion.

5

As ambient light level drops below the threshold, the light comes on at the standby light level and the sensor will react to motion again.

The light checks the ambient light level on transition from full light to standby light. It will switch off when there is sufficient ambient light. The light will perform a check of the ambient light levels every 30min if there is no movement detected.

Please note: Other lights present in the area can potentially influence the ambient light reading of the sensor. The daylight monitoring function can only be activated when the motion sensor is enabled (**Auto Mode** button).

Settings in the example above: Hold-time 10min, daylight threshold 50lux, standby period +∞, standby dimming level 10%.