


Infrared Commissioning Tool for Chamaeleon™ Eco

Operating Instructions



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 and press the button with desired setting. The fitting will beep if the setting is received successfully.



Change between permanently-on and sensor mode:

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

Use this button to reset the fitting to the original settings in case of any problems with the fitting. Then re-program the desired 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.

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

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**

Set current ambient light level as 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	Twilight Time
Fire Stairs	100%	30 sec	Infinity
Corridors	100%	1 min	Infinity
Car Park Driveway	Permanently On	—	—
Car Park Parking Bays	100%	1 min or 5 min	Infinity
Store Rooms / Plant Rooms	100%	10 min	1 min

Normal sensor function without ambient light sensor

The light will turn on when the sensor detects motion and will remain on full light for the duration of the hold time after the space is unoccupied. After the hold time has elapsed, the light dims to standby light level. It can then remain in standby mode (recommended) or turn off completely after the twilight time.



The light switches to 100% when motion is detected.



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.



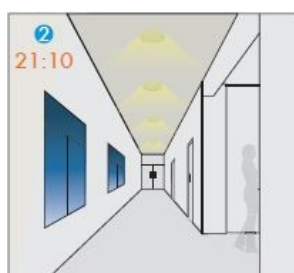
After the **twilight time** has elapsed the light switches to off.

Daylight monitoring function

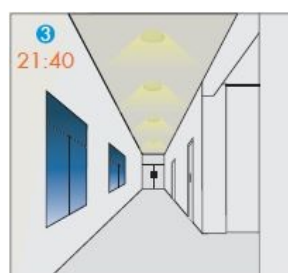
The light can be set to turn off when there is enough light in an area during the day and then automatically turn on at standby level as light levels drop in the evening. This is useful if the light is mounted outside or near windows. To enable the daylight monitoring function, select one of the lux 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.



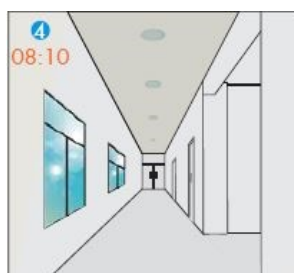
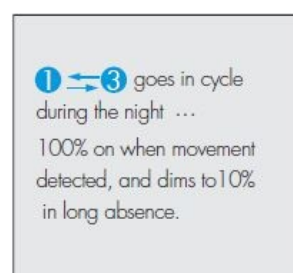
The light switches on at 100% when there is movement detected.



Light dims to stand-by level after the hold-time (no motion).



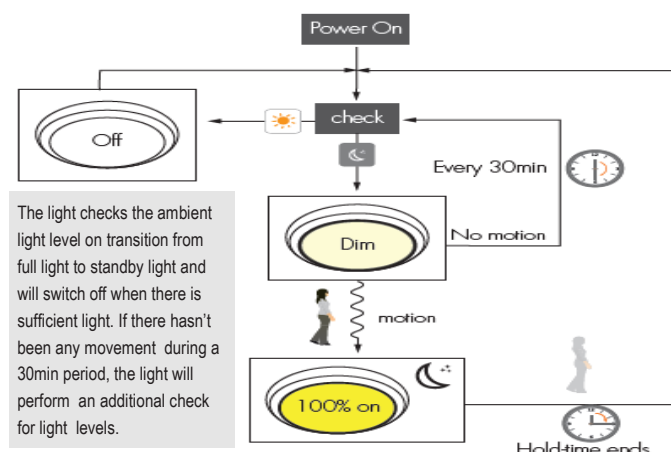
Light stays at standby dimming level during the night.



At dawn, light turns off completely when natural light reaches above daylight threshold.



As the light level drops below the threshold, the light goes into standby dimming level.



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 (button **Auto Mode**).

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