

# Chamaeleon Deco 3

Emergency Bulkhead Light D3-CHAM-E



## Installation Instructions

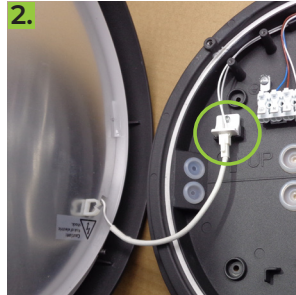


NOTE: All electrical work must be carried out by a licensed electrician as per the latest AS 3000 wiring regulations.  
WARNING: All maintenance (including battery change) is to be performed by a qualified person.  
De-energize all supplies before maintenance. This luminaire contains non-user replaceable lamps.  
The luminaire must be operated within its specified operating parameters and in accordance with our warranty requirements.  
These documents are available on our website .

## MOUNTING THE FITTING



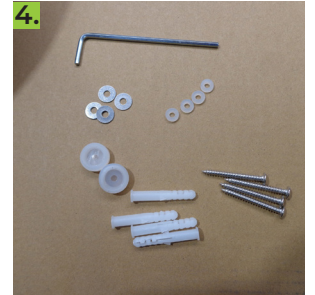
Remove diffuser by undoing the 4 bolts holding the diffuser in place



Disconnect the LED cable from the backplate of the fitting



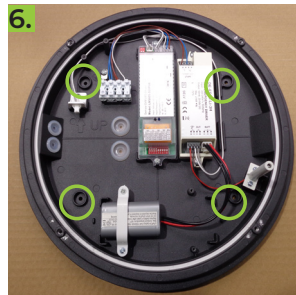
Insert mains power through rear gasket. For IP65, a cable gland or other sealing technique is required



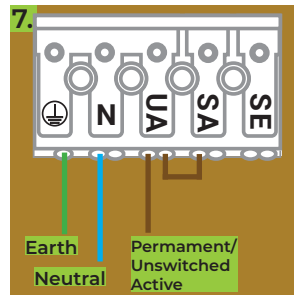
See included mounting hardware



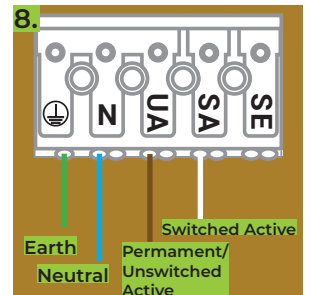
Ensure the silicone washer is placed under the metal washer to make the fitting IP65



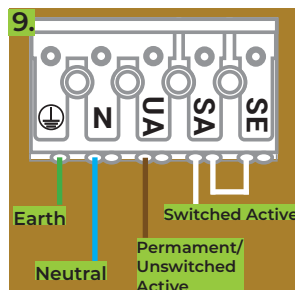
Mount the fixture using the 4 mounting holes indicated. For wall mounting, ensure the fitting is mounted with the ↑ pointing up



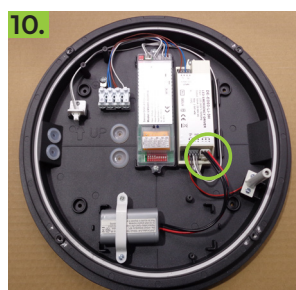
Wiring with only unswitched active present. Insert cable loop between UA and SA. The wire must be 1.0-2.5mm<sup>2</sup>



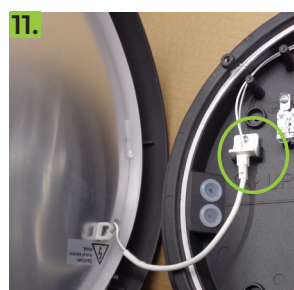
Wiring of emergency fitting with switched and unswitched active present



To disable the sensor, bridge terminal SA and SE by inserting a cable loop



Ensure battery connector is firmly inserted to the driver and write date of commissioning on battery



Reconnect the LED cable to the back plate of the fitting



Align the cutout with the fitting as shown and reattach the diffuser, ensuring not to overtighten

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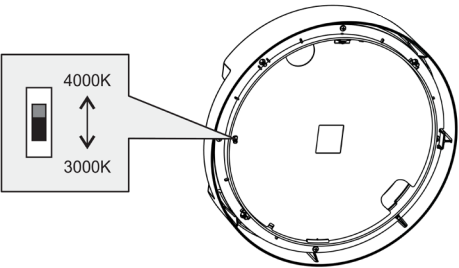


## Installation Instructions

Model	Version	Power Rating	Ambient Temp.	EM Classification	Battery	IP/IK Rating
D3-CHAM-E	Sensored Emergency	220-240V 50/60Hz, 16.5W	0°C-40°C	Maintained, D40	6.4V LiFe1500mAh	IP66/IK10

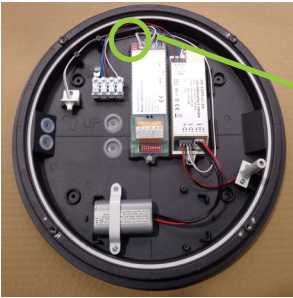
### ADJUSTING THE COLOUR TEMPERATURE

The colour temperature of this fitting can be set to 3000K (warm white) or 4000K (neutral white). The default setting is **4000K**. To change the colour temperature, set the dipswitch to the desired setting. This should only be done with power to the fitting switched off. The dipswitch is located on the rear of the LED Panel



### ADJUSTING THE FULL LIGHT OUTPUT

The full light output of the fitting can be changed from 100% to 70% or 50%. The default setting is **100%**. To change the setting, adjust the dipswitches as shown below. This should only be done with power to the fitting switched off.



Full Light Output		
Dipswitch	1	2
100%	ON	ON
70%	ON	--
50%	--	--



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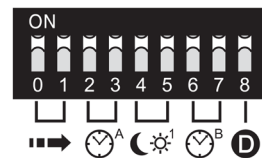
Emergency Bulkhead Light D3-CHAM-E



## Installation Instructions

### SENSOR DIPSWITCH SETTINGS

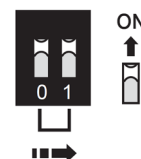
Sensor settings should be adjusted when fitting is powered off. Settings will not take effect if fitting is powered on.



#### Microwave sensor detection range

The detection range/sensitivity of the sensor may be adjusted if required. Default setting is **100%**.

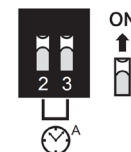
Sensor Range		
Dipswitch	0	1
100%	ON	ON
50%	ON	--
25%	--	ON
10%	--	--



#### Hold Time

Hold time is the time the fitting remains at 100% brightness after motion is no longer detected. Default setting is **1min**.

Hold Time		
Dipswitch	2	3
5s	ON	ON
1min	ON	--
5min	--	ON
10min	--	--

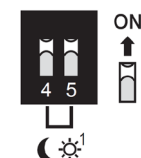


### LIGHT OPERATIONAL SETTINGS

#### Daylight sensor

The daylight sensor may be used to switch the fitting off when there is sufficient natural light in the area. When the daylight level drops below the "ON" value, the fitting will turn on at the standby level and the microwave sensor becomes active. When the daylight level exceeds the "OFF" value, the light switches off. The "disable" setting disables the daylight sensor. Default setting is **disabled**.

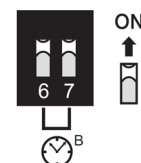
Daylight Sensor			
ON	OFF	4	5
5lux	25lux	ON	ON
25lux	75lux	ON	--
50lux	75lux	--	ON
Disable	Disable	--	--



#### Standby Time

Standby time is the period the fitting remains at the standby level before it switches off. If the standby level is set to infinity, the fitting always remains at standby level when the area is unoccupied. Default setting is **Infinity**.

Standby Time		
Dipswitch	6	7
0s	ON	ON
10min	ON	--
30min	--	ON
Infinity	--	--



#### Standby Level

The standby level is the lower brightness level. When standby time is set to infinity, the standby level will be 10% and cannot be changed. Default setting is **10%**.

Standby Level	
Dipswitch	8
10%	ON
25%	--



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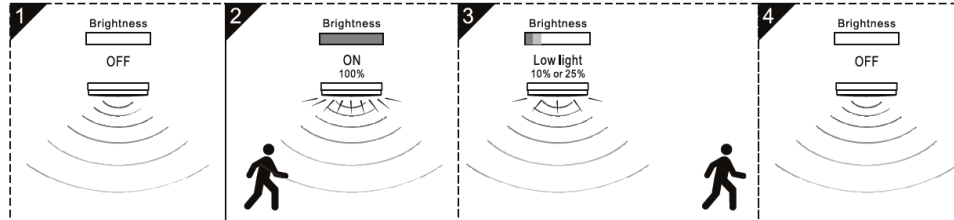
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## Installation Instructions

### 3-step dimming to off



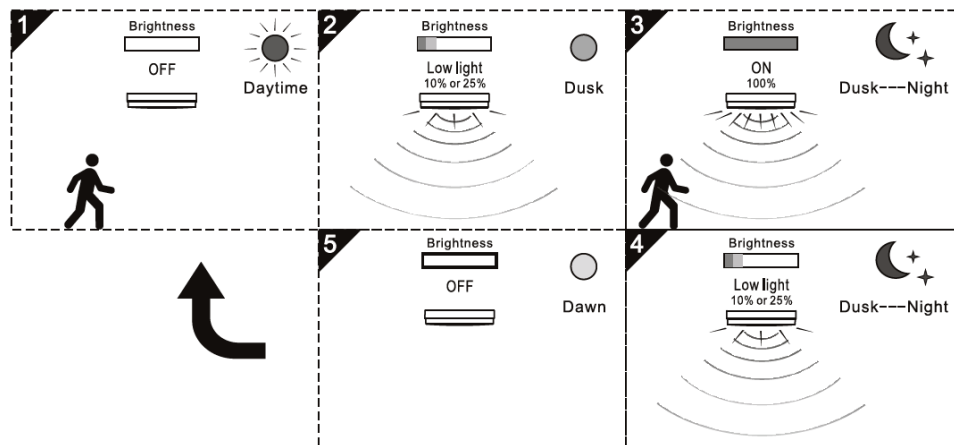
When motion is detected the fitting switches to full light.

After motion is no longer detected, after the **hold time**, the fitting dims to standby level.

Then, after the **standby time**, it will switch off.

Sensor Range		Hold Time			Daylight Sensor				Standby Time			Standby Level	
Dipswitch	1	Dipswitch	2	3	ON	OFF	4	5	Dipswitch	6	7	Dipswitch	8
100%	ON	5s	ON	ON	5lux	25lux	ON	ON	0s	ON	ON	10%	ON
50%	--	1min	ON	--	25lux	75lux	ON	--	10min	ON	--	25%	--
		5min	--	ON	50lux	150lux	--	ON	30min	--	ON		
		10min	--	--	Disable	Disable	--	--	Infinity	--	--		

### Using the Daylight Sensor



When there is sufficient natural light, the fitting remains off.

At dusk, the fitting switches to standby mode.

When motion is detected during the night, the fitting will switch to full light.

When motion is no longer detected, after the hold time, the fitting returns to standby mode.

Sensor Range		Hold Time			Daylight Sensor				Standby Time			Standby Level	
Dipswitch	1	Dipswitch	2	3	ON	OFF	4	5	Dipswitch	6	7	Dipswitch	8
100%	ON	5s	ON	ON	5lux	25lux	ON	ON	0s	ON	ON	10%	ON
50%	--	1min	ON	--	25lux	75lux	ON	--	10min	ON	--	25%	--
		5min	--	ON	50lux	150lux	--	ON	30min	--	ON		
		10min	--	--	Disable	Disable	--	--	Infinity	--	--		



# Chamaeleon Deco 3

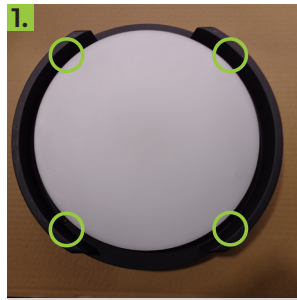
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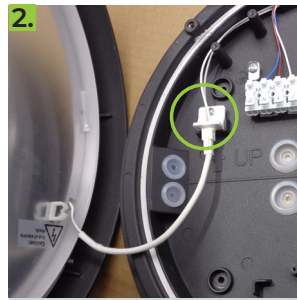
## Installation Instructions

### BATTERY REPLACEMENT

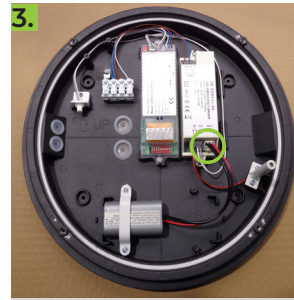
This luminaire requires a change of battery when it no longer meets its rated duration of operation i.e. 90 minutes after receiving full charge. Follow the instructions below to carry out battery replacement. Battery change to be performed by qualified person only. Isolate mains power before changing battery



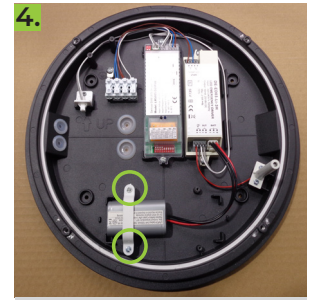
1. Remove diffuser by undoing the 4 bolts holding the diffuser in place



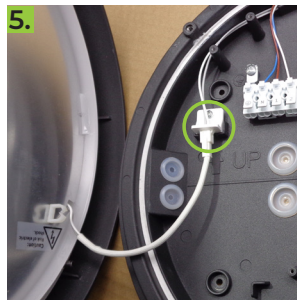
2. Disconnect the LED cable from the backplate of the fitting



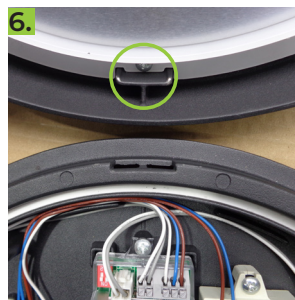
3. Disconnect the old battery from the driver



4. Unscrew the battery mounting bracket, and replace old battery with new and connect to the driver



5. Reconnect the LED cable from the backplate of the fitting



6. When reattaching the diffuser, align the cutout with the fitting as shown



Reattach the diffuser by tightening the 4 bolts holding the diffuser down, ensuring not to overtighten

### EMERGENCY INDICATOR AND TEST

When mains power is connected to the fitting, the red LED indicator should always be on. If the indicator is not on, please check that the battery is connected. To test the emergency function, push the test button on the back plate of the fitting. The fitting will switch to emergency mode, and the red indicator LED will turn off. Release the test button, and the fitting will resume functioning normally.

