

Chamaeleon Deco 3

Standard Bulkhead Light D3-CHAM



Installation Instructions

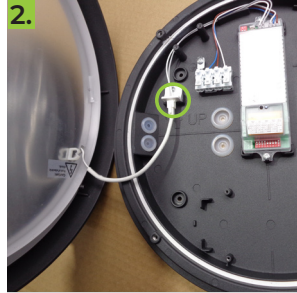


NOTE: All electrical work must be carried out by a licensed electrician as per the latest AS 3000 wiring regulations.
WARNING: All maintenance is to be performed by a qualified person.
De-energize all supplies before maintenance. This luminaire contains non-user replaceable lamps.
The luminaire must 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



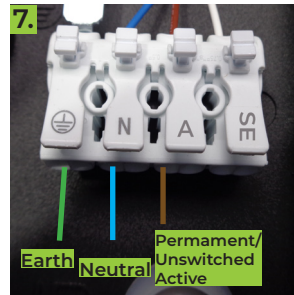
See included mounting hardware



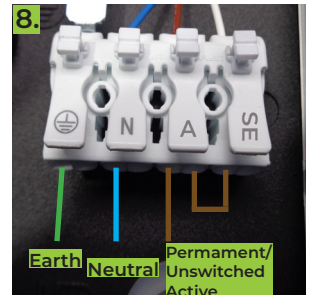
Ensure the silicone washer is placed under the metal washer to make the fitting IP65



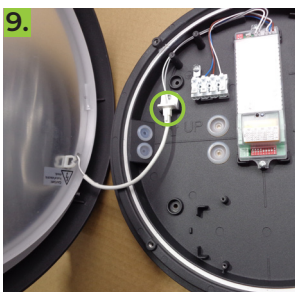
Mount the fixture using the 4 mounting holes indicated. For wall mounting, ensure the fitting is mounted with the arrow pointing up



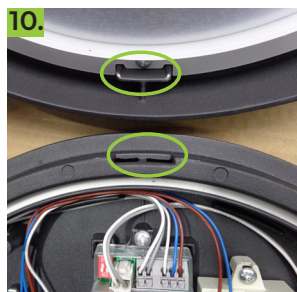
Connect the mains power to the terminal block. The wire must be 1.0-2.5mm²



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



Reconnect the LED cable to the back plate of the fitting



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

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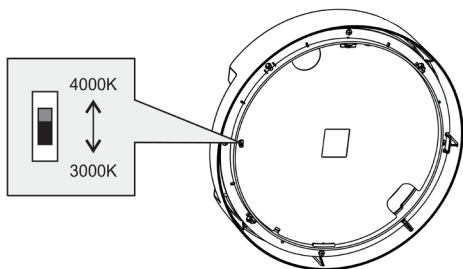
Installation Instructions

| Model | Version | Power Rating | Ambient Temp. | IP/IK Rating |
|---------|----------|-------------------------|---------------|--------------|
| D3-CHAM | Sensored | 220-240V 50/60Hz, 16.5W | -25°C-40°C | IP66/IK10 |

ADJUSTING THE COLOUR TEMPERATURE

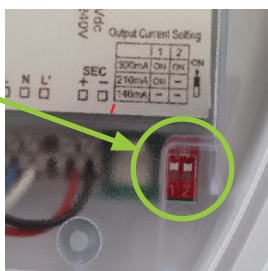
The colour temperature of this fitting can be set to 3000K (warm white) or 4000K (neutral white). The default setting is **4000K**.

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.

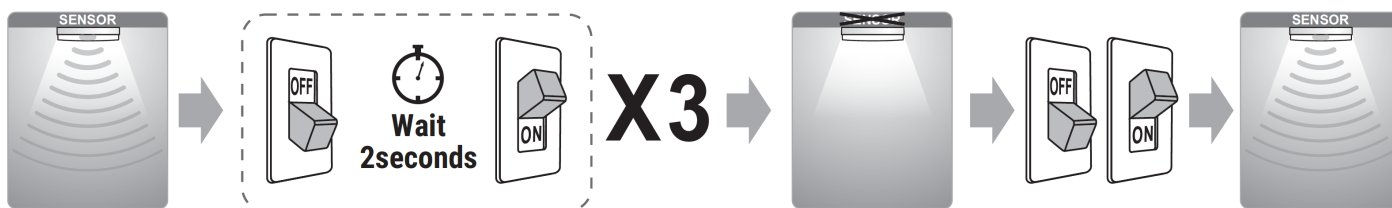


| Full Light Output | | |
|-------------------|----|----|
| Dipswitch | 1 | 2 |
| 100% | ON | ON |
| 70% | ON | -- |
| 50% | -- | -- |



TEMPORARY SENSOR OVERDRIVE

To temporarily disable the sensor, turn the fitting on and off 3 times with a 2 second delay between flicking the switch. The fitting will revert to sensor mode when the power is turned off and on again



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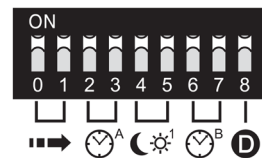
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SENSOR DIPSWITCH SETTINGS

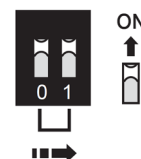
Sensor settings should be adjusted when fitting is powered off. Settings will not take effect if fitting is powered on.



Microwave sensor detection range

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

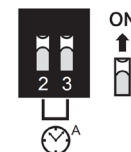
| Sensor Range | | |
|--------------|----|----|
| Dipswitch | 0 | 1 |
| 100% | ON | ON |
| 50% | ON | -- |
| 25% | -- | ON |
| 10% | -- | -- |



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 | -- | -- |

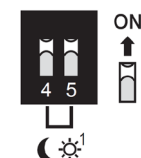


LIGHT OPERATIONAL SETTINGS

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**.

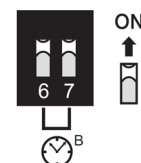
| Daylight Sensor | | | |
|-----------------|---------|----|----|
| ON | OFF | 4 | 5 |
| 5lux | 25lux | ON | ON |
| 25lux | 75lux | ON | -- |
| 50lux | 75lux | -- | ON |
| Disable | Disable | -- | -- |



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**.

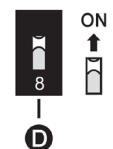
| Standby Time | | |
|--------------|----|----|
| Dipswitch | 6 | 7 |
| 0s | ON | ON |
| 10min | ON | -- |
| 30min | -- | ON |
| Infinity | -- | -- |



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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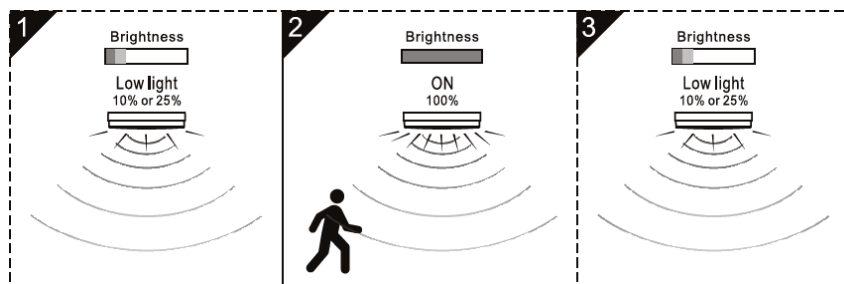


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APPLICATION EXAMPLES

The settings marked in **green** can be selected to achieve the functions mentioned below

Stairs and corridors



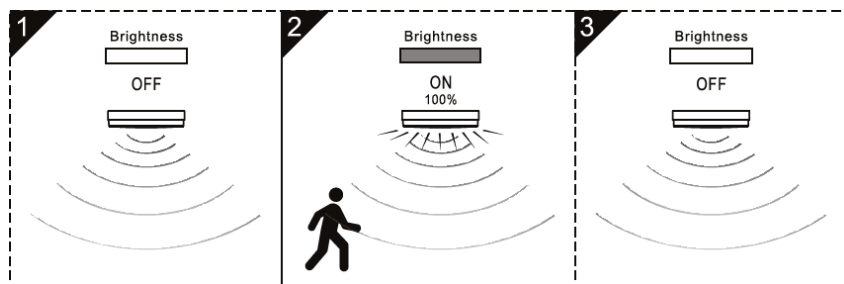
When motion is detected the fitting switches to full light.

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

The light remains at the standby level until motion is detected again.

| 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 | -- | -- | | |

Store rooms and garbage rooms



When motion is detected, the fitting switches to full light.

When motion is no longer detected, after the **hold time**, the fitting switches 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 | -- | -- | | |

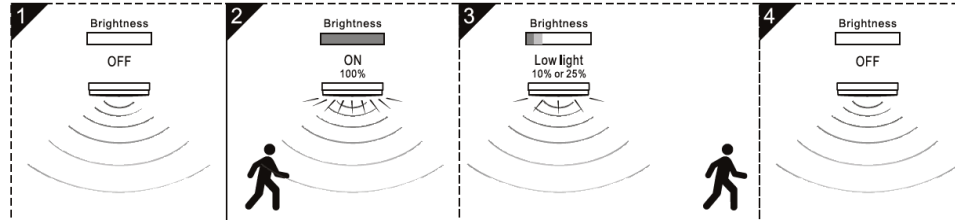
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3-step dimming to off



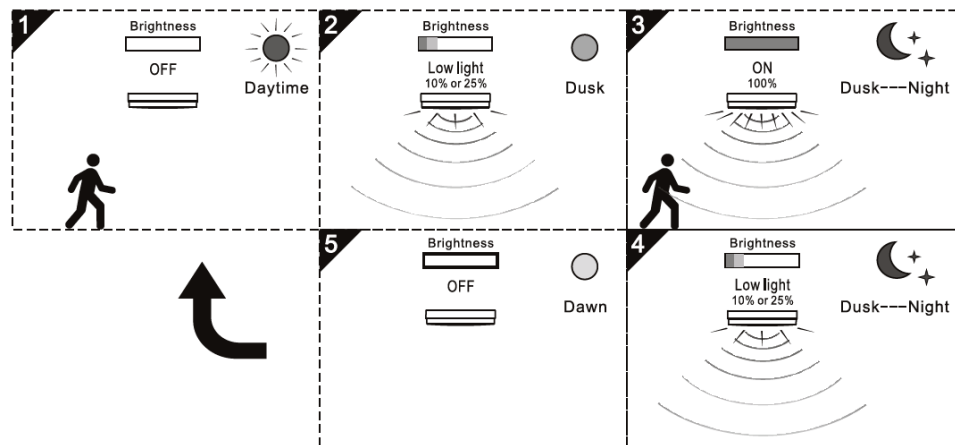
When motion is detected the fitting switches to full light.

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 | -- | -- | | |