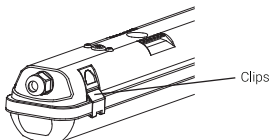


UMBRA ADVANCED IP65

Remove the product from the box and inspect it for any damage. If you believe the product to be damaged or otherwise unsound, **DO NOT INSTALL** the product. Please pack it back into its box and return it to the place of purchase for replacement. If the product is satisfactory, proceed with the installation.

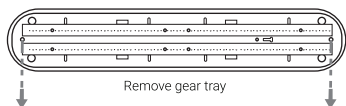
PRE-INSTALLATION

Remove the diffuser by releasing the clips. Put the diffuser to one side.

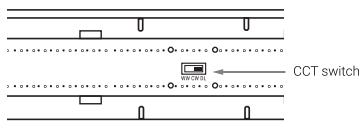


INSTALLATION

1. Release the clips holding the gear tray in place and remove from fitting. Cable ties will keep the gear tray attached to fitting which will hang down.

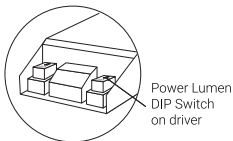


2. Select CCT using switch located on the front of the gear tray.

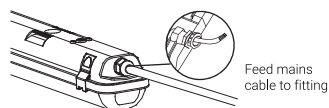


3. Select the required power/ lumen output utilising the DIP switches located on the driver on the back of the gear tray and referencing the DIP switch setting instructions on the following page.

Select the desired sensor settings using the DIP Switches on the back of the sensor module. Note: sensor models only.

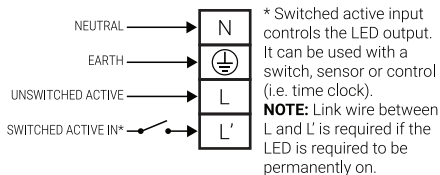


4. Feed mains cable into fitting cable gland. Note: alternative cable gland knock-outs and bung for existing cable gland hole are provided.

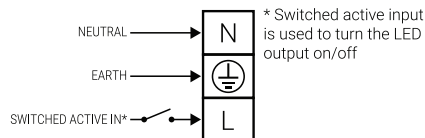


5. Terminate the cables into the terminal block ensuring the correct polarity is observed. Ensure all conductors are fully sleeved and insulated.

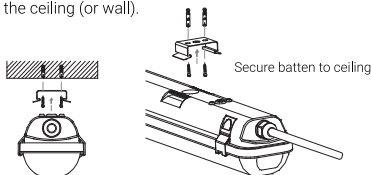
EMERGENCY & SENSOR MODELS WIRING



STANDARD MODELS WIRING

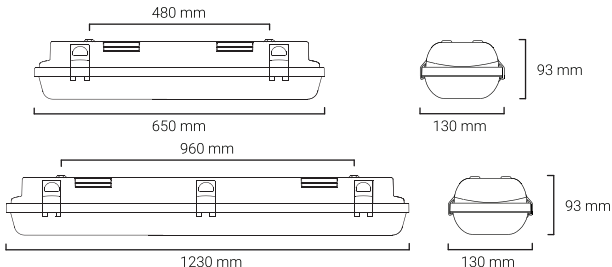


6. To secure the batten to the ceiling, mark hole fixing centres on mounting brackets & drill holes. Insert rawl plugs (supplied) into holes and fix in desired position. Clip light body to mounting brackets to fix light securely to the ceiling (or wall).



7. Refit gear tray, taking care that cables do not become trapped or pinched.
8. Once gear tray is secure, install the diffuser onto the fitting by means of the stainless steel clips. Ensure that the diffuser is securely closed and all clips are tight.

DIMENSIONS



SPECIFICATIONS

Voltage	230V~ 50Hz
Class	I
Working Temp.	40°C
CRI	>80
CCT	4000K, 5000K, 6500K
IP Rating	IP65
IK Rating	IK08
Mounting Type	Surface Mounted
Wiring	Terminal Block

EMERGENCY SPECIFICATIONS

Emerg. Class	C0:D50, C90:D40 (600mm) C0:D63, C90:D40 (1200mm)
Duration	90 min
Battery Type	LiFePO ₄
Battery Capacity	6.4V 1500mAh
Battery Code	01302
Charging Time	16 Hours
Charger Type	Variable

SENSOR SPECIFICATIONS

Sensor Type	Microwave
Detection Range	10m
Time Delay	5s-14min
Adjustable Sensitivity	30% / 100%
Corridor Function	Yes

REPLACING THE BATTERY (EM MODELS ONLY)

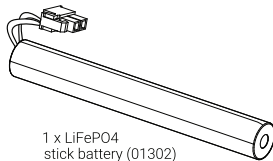
Access the battery by removing the gear tray. Disconnect and remove battery. Replace battery as was previously installed. Battery can be connected in one direction only, do not force. Allow a minimum 24 hours charging time before carrying out any discharge tests as per the requirements in AS/NZS 2293.

⚠ WARNING (EM MODELS ONLY)

The Ektor Umbra Advanced IP65 Emergency Luminaire is connected to an unswitched active during normal operating conditions. When disconnected from the mains supply, the Umbra Adv IP65 is powered by a LiFePO₄ battery operated inverter. Due to this, care should be taken when replacing the battery.

BATTERY LIFE (EM MODELS ONLY)

To maintain the economic life of this product it is required that the battery be discharged and recharged at least once every 6 months. The battery life can be reduced if the battery is not discharged as per the requirements of AS/NZS 2293 or an equivalent standard. Increasing the number of duration tests above that as defined in AS/NZS 2293 or an equivalent standard can have a positive effect on the battery performance as long as 12 discharge cycles per year is not exceeded. The recharging device will operate normally after removal of short circuit fault.



600MM EMERGENCY SPACING TABLE (DISTANCE BETWEEN FITTINGS)

Lx	Classification	Mounting Height (m)															
		2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5.0	6.0	7.0	8.0	9.0	10	15	20
0.2	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0	0.0*	N/A
	D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8	23.0	0.0*

1200MM EMERGENCY SPACING TABLE (DISTANCE BETWEEN FITTINGS)

Lx	Classification	Mounting Height (m)															
		2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5.0	6.0	7.0	8.0	9.0	10	15	20
0.2	D63	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.5	25.2	26.4	27.3	28.0	28.5	28.8	27.9	0.0*
	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0	0.0*	N/A

*Care should be taken when spacing luminaires at the distance indicated by shaded regions to ensure that conformance to AS/NZS 2293.1:2018 Clause 4.3 is maintained (e.g. maximum 500m² per emergency luminaire).



SAFETY WARNINGS

1. This product must only be installed by a licensed electrician.
2. Before commencing installation turn off and isolate the electrical supply.
3. Risk of accidental contact with live parts. Do not energise with product open or disassembled.
4. Supply voltages within product. Isolate supply voltages before opening or servicing.
5. The light source of this luminaire is not user replaceable; when the light source reaches end of life the whole luminaire shall be replaced.
6. As the installer, it is your responsibility to ensure you comply to all relevant building and safety codes for example the latest versions of the BCA, AS/NZS 3000. Refer to application standards for the relevant rules.



**NOTE: UMBRA ADVANCED
BATTENS ARE NOT
SUITABLE FOR DIMMING**



**WARNING: CAUTION -
RISK OF ELECTRIC SHOCK**

SENSOR DIP SWITCH INSTRUCTIONS (SENSOR MODELS ONLY)

With the mains turn off, adjust the sensor settings via the DIP Switch located on the sensor.

Timeout:

After time out with no detection the sensor will go to hold time.

Hold time:

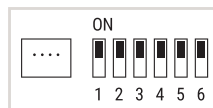
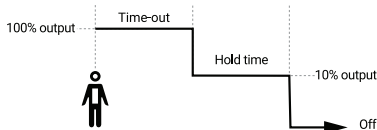
After hold time the sensor will go to OFF unless it is set to Always On.

Sensitivity:

The higher the percentage the more sensitive the sensor is to detect.

Lux:

The sensor will only detect motion if the light level is below the lux threshold.



DIP SWITCH

Timeout

1	2
---	---

Off	Off	5 sec
Off	On	1 min
On	Off	9 min
On	On	14 min(*)

Hold time

3	4
---	---

Off	Off	Disabled
Off	On	1 min(*)
On	Off	5 min
On	On	Always On

Sensitivity

5

Off	30%
On	100%(*)

Lux

6




Off	30 lx
On	Disabled(*)

* Default setting

POWER / LUMEN DIP SWITCH INSTRUCTIONS



To adjust the total lumen output: With the mains turned off, adjust power output via the DIP Switch located on the driver.

DIP Switch selection (standard models)

ON	OFF	~
		
Power	PIN 1	PIN 2
100%	ON	OFF
50%	OFF	OFF

DIP SWITCH

DIP Switch selection (EM & sensor models)

ON	OFF	Position	Power
		OFF	50%
		ON	100%

DIP SWITCH



ORDERING INFORMATION

SKU	Product code	Product number	Description
12030	EV-JUMBRA-ADV-IP65-600-S-TRI	9336462120309	Advanced 600mm LED Tri-CCT Weatherproof Batten with Sensor
12031	EV-JUMBRA-ADV-IP65-600-EM-S-TRI	9336462120316	Advanced 600mm LED Tri-CCT Emergency Weatherproof Batten with Sensor
12032	EV-JUMBRA-ADV-IP65-1200-S-TRI	9336462120323	Advanced 1200mm LED Tri-CCT Weatherproof Batten with Sensor
12033	EV-JUMBRA-ADV-IP65-1200-EM-S-TRI	9336462120330	Advanced 1200mm LED Tri-CCT Emergency Weatherproof Batten with Sensor
12035	EV-JUMBRA-ADV-IP65-600-EM-TRI	9336462120354	Advanced 600mm LED Tri-CCT Emergency Weatherproof Batten
12037	EV-JUMBRA-ADV-IP65-1200-EM-TRI	9336462120378	Advanced 1200mm LED Tri-CCT Emergency Weatherproof Batten
11204	EV-JUMBRA-ADV-IP65-600-TRI	9336462112045	Advanced 600mm LED Tri-CCT Weatherproof Batten
11219	EV-JUMBRA-ADV-IP65-1200-TRI	9336462112199	Advanced 1200mm LED Tri-CCT Weatherproof Batten

ACCESSORIES AND SPARE PARTS

SKU	Product code	Product number	Description
01302	EV-1500mAh-6.4V-LiFePO4	9336462013038	Battery Stick 1500mAh 6.4V 2 Cell LiFePO4 Battery
11465	EV-SS316-WP-CLIPS	9336462114650	Ektor vandal resistant stainless steel 316 clips/screw/allen key - kit (10 pack)

WARRANTY STATEMENT

Ektor products are distributed in Australia and New Zealand by Evolt Pty Ltd (Evolt). The Australian Consumer Law as well as other Australian laws guarantee certain conditions, warranties and undertakings, and give you other legal rights, in relation to the quality and fitness for purpose of Ektor products sold in Australia. In Australia, our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. What constitutes a major failure is set out in the Australian Consumer Law. Nothing in this Warranty purports to modify or exclude the conditions, warranties and undertakings, and other legal rights, under the Australian Competition and Consumer Act and other Australian laws. Ektor products are warranted in Australia for a period of 3 years from the date of delivery of the product, provided that the products are properly stored, installed, used and maintained in accordance with the instructions contained within their manual. Products that have been altered in any way or used other than in accordance with their instructions are not covered by this warranty.

This warranty is not transferable and is valid only in the hands of the purchaser of the product. The warranty does not cover Ektor products other than those purchased from Evolt. Proof of purchase must be provided to Evolt with any warranty claim. Evolt recommends that the purchaser attaches their proof of purchase to their product manual. Evolt's total liability under this warranty is limited to the cost of repair or replacement of the faulty product. Evolt may satisfy its obligations under this warranty in full by repair or replacement of a faulty product. This warranty does not apply to consumable items such as lamps or batteries or other items that can be classified as consumable. For the avoidance of any doubt, any and all warranties or conditions which are not guaranteed under the Australian Competition and Consumer Act or the Australian Competition and Consumer Regulations 2010 and which are not expressly included in this Warranty as additional warranties or conditions are excluded. This Warranty does not cover loss or damage caused by wear and tear, misuse, incorrect installation or operation, failure to clean and maintain, incorrect voltage or non-authorised electrical connections, adverse external conditions (such as power surges and dips, acts of God, exposure to heat, corrosion, insect or vermin infestation), use of non-authorised or defective parts or globes, or to items that have been repaired other than by Evolt or a repairer approved by Evolt.

TECHNICAL SUPPORT AND TROUBLESHOOTING

For further assistance in using this product, consult your nearest wholesaler or Evolt Pty Limited