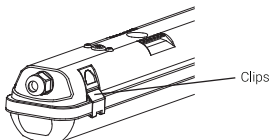


## UMBRA PRO IP65

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.

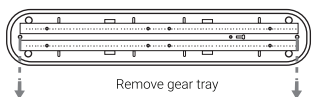
### PRE-INSTALLATION

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

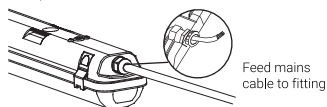


### MOUNTING

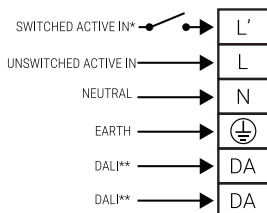
1. Release the clips holding the gear tray in place and remove from fitting. Cable ties will keep the gear tray attached to fitting which will hang down.



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



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

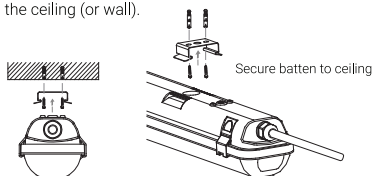


\* External switch or sensor. DO NOT connect if not used. When used with a DALI control system the input acts as a DALI switch or sensor.

**NOTE:** By default L' will control the LED output (if it has been detected at any time).

\*\* DA (DALI) wiring is optional, only required when using a DALI control system.

4. Refit gear tray, taking care that cables do not become trapped or pinched.
5. 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.
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).



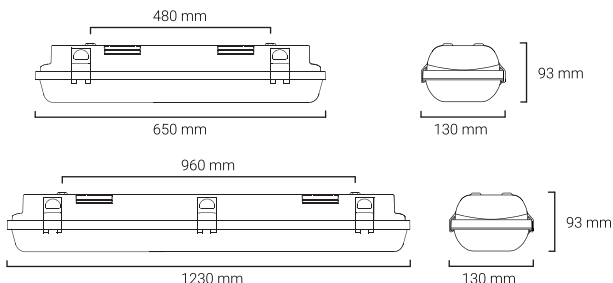
### SAFETY WARNINGS



### WARNING: CAUTION - RISK OF ELECTRIC SHOCK

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. As the installer, it is your responsibility to ensure you comply to all relevant up to date building and safety codes and AS/NZS 3000 wiring rules. Refer to application standards for the relevant rules.
6. The light source of this luminaire is not user replaceable; when the light source reaches end of life the whole luminaire shall be replaced.
7. DALI is not SELV and as such should be treated as FELV.

## DIMENSIONS



## SPECIFICATIONS

<b>Voltage</b>	230V~ 50Hz
<b>Class</b>	I
<b>Working Temp.</b>	40°C
<b>CRI</b>	>80
<b>CCT</b>	4000K
<b>IP Rating</b>	IP65
<b>IK Rating</b>	IK08
<b>Mounting Type</b>	Surface Mounted
<b>Wiring</b>	Terminal Block
<b>Control system</b>	DALI-2
<b>DALI line current</b>	2 mA

## EMERGENCY SPECIFICATIONS

<b>Emerg. Class</b>	C0:D40, C90:D32 (600mm) C0:D80, C90:D63 (1200mm)
<b>Duration</b>	90 min
<b>Battery Type</b>	LiFePO <sub>4</sub>
<b>Battery Capacity</b>	6.4V 1500mAh (600mm) 6.4V 3000mAh (1200mm)
<b>Battery Code</b>	01302 / 01303
<b>Charging Time</b>	16 Hours
<b>Charger Type</b>	Variable

## SENSOR SPECIFICATIONS

<b>Sensor Type</b>	Microwave
<b>Sensor Communication</b>	DALI-2 (IEC 62386-303)
<b>Detection Range</b>	10m
<b>Time Delay</b>	Via DALI
<b>Adjustable Sensitivity</b>	Via DALI

## LYNK SPECIFICATIONS

<b>Radio support</b>	IEEE 802.15.4
<b>Frequency band</b>	2.4 GHz
<b>Max radio tx power</b>	+ 8dBm

## REPLACING THE BATTERY (EM MODELS ONLY)

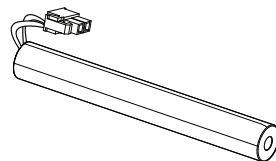
Access the battery by removing the gear tray.  
Disconnect and remove battery. Replace battery as was previously installed. Battery can be connected in one direction only, do not force. Allow a minimum 24 hours charging time before carrying out any discharge tests as per the requirements in AS/NZS 2293.

## ⚠ WARNING (EM MODELS ONLY)

The Ektor Umbra Pro IP65 Emergency Luminaire is connected to an unswitched active during normal operating conditions. When disconnected from the mains supply, the Umbra Pro IP65 is powered by a LiFePO<sub>4</sub> 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
	D32	11.5	13.2	14.8	16.5	17.6	18.0	18.5	19.0	19.5	20.1	20.5	20.7	20.6	20.3	0.0*	N/A

## 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	D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9	31.5	32.1	32.3	28.8
	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*

\*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).

## PROGRAMMING & DEFAULT STANDALONE CONFIGURATION (SENSOR MODELS ONLY)

### Sensor mode

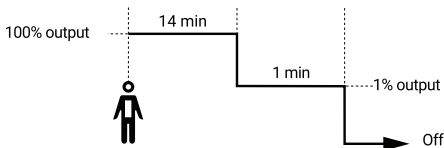
Presence mode. The sensor will automatically turn lights on when movement is detected.

### Sensor idle-time

14 minutes after the last presence was detected

### Sensor warn-time

Light is switched off after 1 minute with no movement detected.



Standalone mode is automatically disabled after addressing either the ECD / ECG short address via DALI or setting the ECD operating mode to 0. .

## STATUS CHARGE LEDS (GREEN)

Indicator	Description
<b>Illuminated</b>	Device is in normal mode
<b>Slow flash</b>	Test switch button has been pressed/held for any amount of time, and is not in any self tests
<b>OFF</b>	Battery failure
<b>1x flash</b>	A duration test is pending, the device is not in any self test but set to normal mode
<b>2x flash</b>	Lamp failure
<b>4x flash</b>	Interface failure
<b>5x flash</b>	No DALI address
<b>7x flash</b>	Device performing function test. The test was triggered by a DALI command or function test interval
<b>9x flash</b>	Device either doesn't support maintained mode or doesn't support the selected duration setting

## STATUS LEDS (RED)

Indicator	Description
<b>Illuminated</b>	Indicates that the device is in normal mode
<b>0.5sec ON 0.5sec OFF</b>	Last duration test failed, failed to meet duration. The device is not currently running a new test. Mains is on
<b>2sec ON 2sec OFF</b>	Device is performing a duration test
<b>4sec ON 1sec OFF</b>	Last duration test passed, the duration was met when last run. Test ran less than 30 days ago

## ORDERING INFORMATION

SKU	Product code	Product number	Description
12088	EV-UMBRA-PRO-IP65-600	9336462120880	Professional 600mm Weatherproof Batten
12089	EV-UMBRA-PRO-IP65-600-EM	9336462120897	Professional 600mm Weatherproof Emergency Batten
12090	EV-UMBRA-PRO-IP65-600-S	9336462120903	Professional 600mm Weatherproof Batten with Sensor
12091	EV-UMBRA-PRO-IP65-600-EM-S	9336462120910	Professional 600mm Weatherproof Emergency Batten with Sensor
12092	EV-UMBRA-PRO-IP65-1200	9336462120927	Professional 1200mm Weatherproof Batten
12093	EV-UMBRA-PRO-IP65-1200-EM	9336462120934	Professional 1200mm Weatherproof Emergency Batten
12094	EV-UMBRA-PRO-IP65-1200-S	9336462120941	Professional 1200mm Weatherproof Batten with Sensor
12095	EV-UMBRA-PRO-IP65-1200-EM-S	9336462120958	Professional 1200mm Weatherproof Emergency Batten with Sensor
12610	EV-UMBRA-PRO-IP65-600-LK	9336462126103	Lynk Professional 600mm LED Weatherproof Batten with wireless
12611	EV-UMBRA-PRO-IP65-600-EM-LK	9336462126110	Lynk Professional 600mm LED Weatherproof Emergency Batten with wireless
12612	EV-UMBRA-PRO-IP65-600-S-LK	9336462126127	Lynk Professional 600mm LED Weatherproof Batten with sensor and wireless
12613	EV-UMBRA-PRO-IP65-600-EM-S-LK	9336462126134	Lynk Professional 600mm LED Weatherproof Emergency Batten with sensor and wireless
12614	EV-UMBRA-PRO-IP65-1200-LK	9336462126141	Lynk Professional 1200mm LED Weatherproof Batten with wireless
12615	EV-UMBRA-PRO-IP65-1200-EM-LK	9336462126158	Lynk Professional 1200mm LED Weatherproof Emergency Batten with wireless
12616	EV-UMBRA-PRO-IP65-1200-S-LK	9336462126165	Lynk Professional 1200mm LED Weatherproof Batten with sensor and wireless
12617	EV-UMBRA-PRO-IP65-1200-EM-S-LK	9336462126172	Lynk Professional 1200mm LED Diffused Emergency Batten with sensor and wireless

## ACCESSORIES AND SPARE PARTS

SKU	Product code	Product number	Description
01302	EV-1500mAh-6.4V-LiFePO <sub>4</sub>	9336462013021	Battery Stick 1500mAh 6.4V 2 Cell LiFePO <sub>4</sub> Battery
01303	EV-3000mAh-6.4V-LiFePO <sub>4</sub>	9336462013038	Battery Stick 3000mAh 6.4V 2 Cell LiFePO <sub>4</sub> 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-authorized 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-authorized 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