



ARCH EM

LED LIGHTING



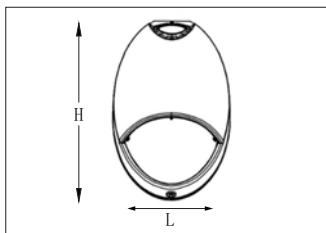
DESCRIPTIONS

ARCH EM is a unique design of outdoor emergency wallpack, with photocell sensor, Structure made of die-cast aluminium nickel cadmium battery and overcharge & over-discharge protection, the charging time for this fixture is 24 hours, with a discharge time or backup time of 90 minutes.

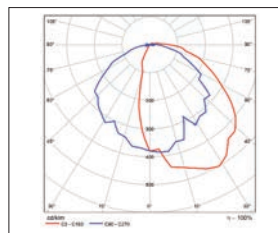
SPECIFICATIONS

Mounting	Surface Wall Mounted
Light Source	LED
Material	Die cast aluminium housing
Body Color	Black as a standard, other color are available on request
Diffuser	Polycarbonate lens and mirror reflector
CRI	Ra > 80
Ambient temperature	-20 °C ~ +50°C
Average Life Time (Hrs)	50,000 Hrs
Driver Mounting	Integrated Non-Dimmable driver with Overcharge & Over-discharge
Input Voltage/ Frequency	220-240V, 50/60Hz

DIMENSIONS



PHOTOMETRIC DATA



ARCH EM - Emergency Wall Light



APPLICATION

Outdoor and Indoor etc...



CODE	Wattage	Delivered Output (lm)	Color Temperature	Dimension (mm)	
RAY -ARCH EM-IP65-12W	12W	1000lm General Mode (190lm Emergency Mode)	3000K/ 4000K/ 6500K	339* 95* 115	N/A

* On/Off built-in driver as a standard, 0-10 and DALI dimmable Driver as an optional.

** Available 3 hours emergency kit as an optional

INSTALLATION GUIDE : WALL MOUNTING

Note: First turn off electricity

Step 1: Remove cover from fixture with a screwdriver

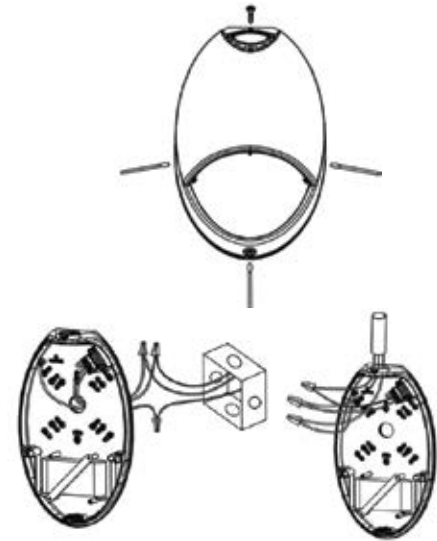
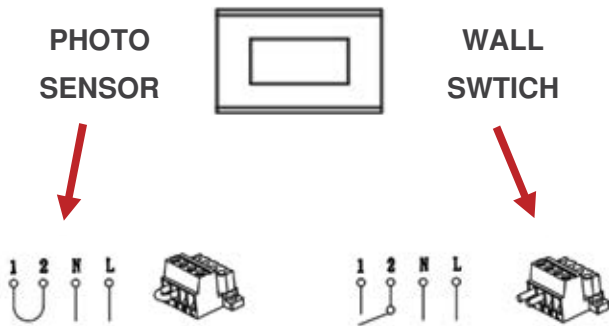
Step 2: Select working mode

Step 3: **Electrical Connections:** Make the proper supply wire connections L and N to building power supply.

Step 4: Pull out all the AC wires from the back of the fixture or top of the fixture for mounting (J-box not provided)

Step 5: Restore power and press test button. AC light will turn off

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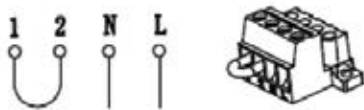
Function

Photo Sensor Operation

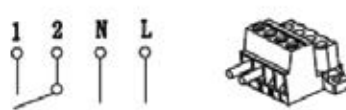
External Switch Operation

Photo Sensor / Wall Switch

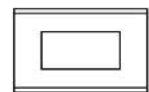
Pic- 2



Pic- 3



Pic- 4



1- When AC connected, the green indicator will be on.

2- For normal lighting use, the fixture can be configured for automatic operation by the built-in daylight photo sensor, or can be switched through an external switch. For battery backup models the fixture will illuminate from battery power on loss of normal AC, regardless of the photo sensor or wall switch operation.

3- For photo sensor operation, connect the jumper between terminals 1 and 2 (Pic 2) and slide the slide switch (Pic 4) to the photo sensor position. The photo sensor will turn the fixture on and when the ambient lighting <10 Lux, and off when the ambient lighting >30 Lux.

4- For an external switch: remove the jumper between terminals 1 and 2 (Pic 3), and slide the slide switch (Pic 4) to the wall switch position. The external switch connections must be fully isolated from any other circuitry.