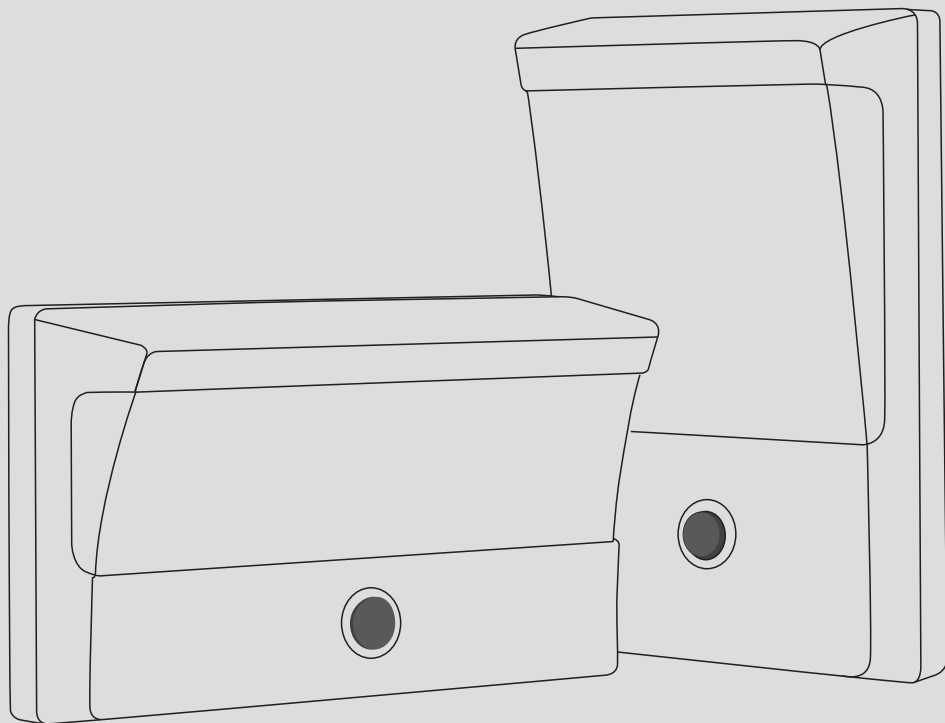


MIGHTYLITE **Elite**

Mightylite Elite 16W LED Wall Light with Photocell



Installation & operating instructions

hylite

HYLITE MIGHTYLITE ELITE WITH PHOTOCCELL – INSTALLATION AND OPERATING INSTRUCTIONS

The Hylite Mightylite Elite LED wall light is an outdoor light, ideal for providing courtesy and security lighting around doorways, building exteriors, and in corridors and walkways.






The unit requires connection to a 230 AC 50Hz mains electricity supply.

1. IMPORTANT SAFETY INSTRUCTIONS





WARNING: THIS PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN, AND CHECKED TO ENSURE IT IS SAFE, BEFORE USING

PLEASE FOLLOW THESE INSTRUCTIONS CAREFULLY BEFORE ATTEMPTING TO INSTALL AND OPERATE THIS LIGHT

1.1. IMPORTANT INSTALLATION INSTRUCTIONS

-  The risk of electric shock should be minimized by the installation of appropriate safety devices including the incorporation of an RCCB (Residual Current Circuit Breaker) into the main distribution board.
-  DO NOT wire this light into the lighting circuit. Use a switched fused spur. Cables should always be protected against short circuit and overload by use of an RCD.
-  Ensure the voltage marked on the product is the same as the electrical power supply to be used.
-  DO NOT install the light where it is likely to be knocked or hit or in conditions where the ambient temperature may be over 45°C such as shower rooms, saunas; near exhaust outlets e.g. boiler flue, dryer outlet.
-  This floodlight must be mounted on a non-flammable surface

1.2. IMPORTANT OPERATION & MAINTENANCE INSTRUCTIONS

-  DO NOT position the light near flammable or combustible materials (such as wood, cloth, paper) or near flammable, combustible or explosive liquids, solids, gases or equipment.
-  ALWAYS disconnect the mains power supply before servicing or performing any maintenance.
-  ALWAYS maintain the light in good condition, with repairs only undertaken by a qualified electrician.
-  ONLY carry out repairs using genuine parts. Non-authorized parts may be dangerous and will invalidate the warranty.

1.3. PARTS INCLUDED

1 x Mightylite Elite LED Wall light with Photocell
4 x No.6 screws
4 x Wall plugs

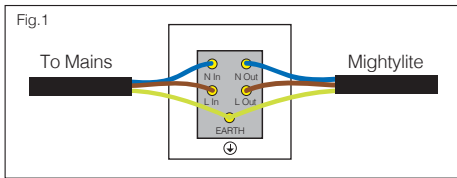
1.4. TOOLS REQUIRED

Electric/hand-held drill
No.8 masonry drill bit
Electricians screwdriver
Large cross-head screwdriver
Small cross-head screwdriver
Small sharp knife
Wire cutters

THIS PRODUCT IS SUITABLE FOR WALL MOUNTING ONLY

2. WIRING REQUIREMENTS

- The unit requires connection to a 230 AC 50Hz mains electricity supply.
- It is recommended that the unit is connected to the domestic lighting circuit via a 5 amp fused spur and using Twin & Earth 2-Core round flexible cable of at least 1mm² gauge (waterproof cable should be used for outdoor installations).
- It is also advisable to install a single pole wall switch to allow easy control of the light (Fig. 1).



3. INSTALLATION INSTRUCTIONS

IMPORTANT: The Mightylite Elite with Photocell is an automatic Dusk to Dawn light which is preset to only switch on in the hours of darkness or in very dimly lit areas. There is no adjustment on the photocell.

3.1 CHOOSING A MOUNTING LOCATION

- Mount the light onto solid brick or woodwork

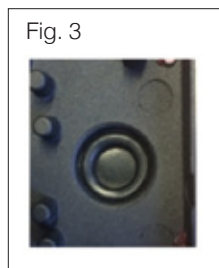
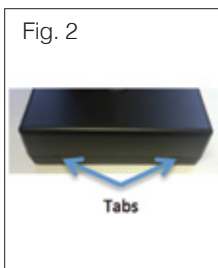
3.2 FIXING THE MIGHTYLITE ELITE

WARNING: Isolate the power supply before installation.

- Release the front fascia of the light by inserting a screwdriver into the two tabs at the bottom of the unit [Fig.2] and gently turning.
- Remove the front fascia and position the unit against the wall, in the required position, ensuring the wires can easily enter the unit through the rubber grommet at the rear of the units metal base plate [Fig. 3].
- Use the holes in each corner of the unit to mark the 4 drill holes required to secure the box to the wall (and mark the cable outlet location if required).
- Drill the wall and fit the wall plugs provided.
- Unscrew the 4 screws holding the connection box cover to the front of the lens unit [Fig.4] and remove.
- Use a sharp knife to cut a small "X" in the rubber grommet connection box and feed the wire through the grommet into the light fitting [Fig.5].

Note: Please ensure that the wire enters the grommet from beneath [Fig.6] so any water which may find its way onto the wire cannot migrate down towards the grommet and into the back of the unit.

- The Mightylite Elite can now be fixed to the wall using the screws provided and can be wired as described in Section 4.



4. WIRING THE MIGHTYLITE ELITE

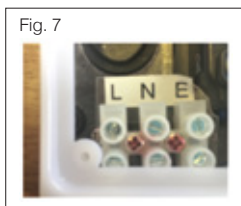
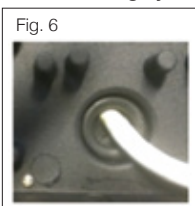
- Once the power cable has been fed through the grommet, approximately 6mm of insulation should be stripped from each of the cores of AC cable ready to attach it to the terminal block in the front of the light fitting.

NOTE: The Hylite Mightyelite Elites are Class 1 fittings and therefore need to be Earthed

CONNECTING TO POWER SUPPLY

- Connect the BROWN or RED (Live) wire to the terminal marked "L" (holding the single BROWN wire) in the light unit [Fig.7].
- Connect the BLUE or BLACK (Neutral) wire to the terminal marked "N" (holding the BLUE wire) in the floodlight unit.
- Connect the YELLOW/GREEN or bare (Earth) wire to the terminal marked "E" (holding the YELLOW/GREEN wire) in the unit.
- After the wiring has been secured, the connection box cover should be screwed back onto the front of the lens unit and the front fascia clipped back onto the unit.

PLEASE NOTE: When used externally it is advised that, after installation, a thin bead of sealant is run between the base of the Mightyelite and the wall to ensure that water cannot get behind the unit.



5. TECHNICAL SPECIFICATION

Ref:	MLE016PB - Portrait	MLE016PW - Portrait	MLE016LB - Landscape	MLE016LW - Landscape
Description:	16W Wall Light with Photocell	16W Wall Light with Photocell	16W Wall Light with Photocell	16W Wall Light with Photocell
Fascia:	Matt black polycarbonate	Gloss white polycarbonate	Matt black polycarbonate	Gloss white polycarbonate
Backplate:	Matt black aluminium	Matt black aluminium	Matt black aluminium	Matt black aluminium
Lens:	Opal	Opal	Opal	Opal
Wattage:	16W	16W	16W	16W
Lumens generated:	550	550	430	430
Voltage:	230V	230V	230V	230V
LED array:	60 LEDs	60 LEDs	60 LEDs	60 LEDs
Power factor:	>0.9	>0.9	>0.9	>0.9
Colour temp:	ANSI 5700K	ANSI 5700K	ANSI 5700K	ANSI 5700K
Max. LED Life:	50,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs
Efficiency:	<80%	<80%	<80%	<80%
Operating temp:	-32°C to +60°C	-32°C to +60°C	-32°C to +60°C	-32°C to +60°C
Photocell:	Yes	Yes	Yes	Yes
Photocell activation:	Automatic	Automatic	Automatic	Automatic
Dimensions (mm):	260(H) x 155(W) x 80(D)	260(H) x 155(W) x 80(D)	155(H) x 260(W) x 80(D)	155(H) x 260(W) x 80(D)
Weight (kg approx):	1kg	1kg	1kg	1kg
Warranty:	2 years	2 years	2 years	2 years