

OzLite LED 13 Decorative Street Light

Installation must be carried out by a qualified electrical tradesperson.

INSTALLATION INSTRUCTIONS

STORAGE

- Use original packaging
- Store in cool and dry conditions
- Do not stack more than 5 units high

INSTALLATION GUIDE

- Installation must be carried out by a qualified electrical tradesperson.
- Product must be verified as suitable for the application as specified in this document.
- The luminaire is supplied with LED module and control gear assembly fitted and wired.
- Connecting the electricity supply cables is the only electrical work required.
- Observe full compliance with AS3000 and observe all safety requirements appropriate to the task and the site.
- This is a Class I product and must be earthed.
- Do not operate on a supply of <90VAC or >305VAC (Voltage range 90 to 305VAC).
- Supply cabling must meet all the current requirements and standards for the installation.
- Cabling must be anchored with the assistance of the fitted cable tie.
- Install conductors to the appropriate terminals as marked at supply terminal block.
- Polarity “A”, “N”, “E” is marked permanently, adjacent to the supply terminal block.
- Strip supply conductors so that no bare conductor protrudes from the supply terminal block.
- Fully tighten any unused terminals.
- Ensure all the fixings are correctly located and locked.
- Do not use abrasive cleaners on the lens, reflector or body.
- Top entry OzLite is designed for use with the AS1158.6 Standard 45mm Pinned Bracket.
- OzLite side entry bracket accommodates spigot sizes of 27-43mm OD.

LIGHT SOURCE

- The lamp type and rating is displayed both externally and on an internal label.
- Do not fit LED array of different type or wattage—LED array is matched to the control gear.
- Fitting an incorrect LED module will void the product warranty, product certification and alter photometric performance.
- LED module and driver contain no serviceable parts - they should not be opened for an attempted repair.

Product Code	Light Source	Driver	Load	Supply	PF	PE Cell	Mass
OzLite LED13	Streetworx Custom Array of 12 LED's	Mean Well® LPF-25D-12	13W	220-240VAC	>0.834	By others—As per NEMA specification/ approval	5.6-6.2kg

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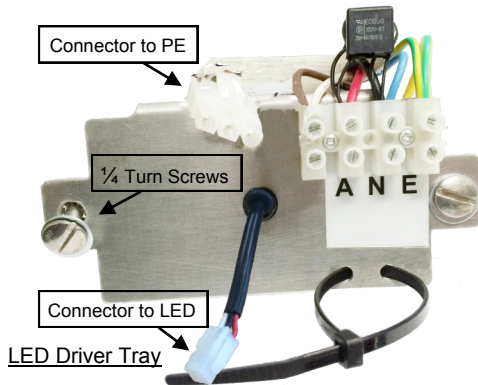
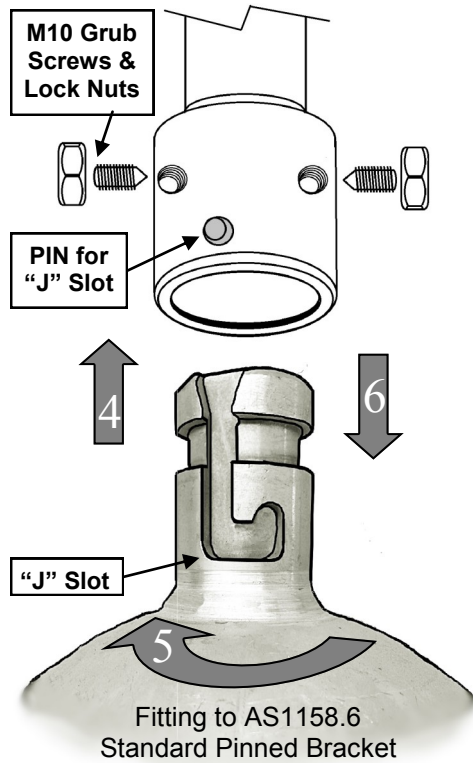
185-191 Liverpool Rd. Kilsyth VIC 3137 Australia

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MOUNTING



1. Top mount lantern is designed to be mounted to the AS1158.6 standard 45mm pinned bracket (as shown). Side mount lantern utilises a standard spigot entry of 27-43mm OD.
2. There should be 460-500mm of cable protruding from the pinned bracket, available for connecting the lantern, .
3. With the cable fed through the top of the lantern spigot, align the "J" slot of the spigot with the PIN on the bracket.
4. Lift the lantern, inserting the spigot into the bracket until the PIN hits the bottom of the "J" slot ("4" in sketch, left).
5. With the spigot held up inside the bracket, rotate the lantern in the direction shown ("5" in sketch, left) till the PIN hits the front edge of the "J".
6. The lantern can now be lowered slightly so that the PIN sits in the recessed part of the "J" slot ("6" in sketch, left). The PIN will now hold the weight of the lantern.
7. Finger tighten the grub screws evenly, checking that they locate into the peripheral groove of the bracket.
8. Should the bracket being used, not be the pinned bracket type, align the lantern so that the lantern label "street side" is positioned correctly with the road.
9. Using a tension wrench, tighten the grub screws to $\leq 36\text{Nm}$ (26.5ft.lb), fit and tighten the lock nuts. Use *Loctite*® 262 if installed in high wind vibration area. Check the lantern for mounting security.
10. Using a broad blade screwdriver, access to the wiring compartment is achieved by loosening the three quarter turn screws holding the LED /heat sink assembly in place. Carefully lower this assembly till it is being held by the lanyard.
11. If cable is accessible, proceed with connecting supply cables to the line connector as indicated on its label.
12. If the supply cable is not accessible, disconnect the LED supply connector. Remove the LED driver tray by loosening the two quarter turn screws holding it in place. Disconnect the PE cell connector. Locate cable and draw down for termination.
13. With supply termination completed and checked, reinstall the LED driver tray (if removed), tightening the two quarter turn screws. Reinstall the LED/heat sink assembly into place, and tighten the three quarter turn screws. Note that this assembly must be oriented correctly for screws to align.

ELECTRICAL FAULT FINDING.

- A qualified electrical tradesperson must be used to perform all work.
- Isolate all sources of power before opening the luminaire.
- Check that the photocell is functioning correctly—when faulty, light is usually on permanently, failing to switch off the light.
- The luminaire is designed to operate safely without a photocell installed.
- Check that the plug and socket of the supply harness is fully engaged.
- Check for broken or loose connections.
- Check for defective control gear by checking for the appropriate voltage at terminals.
- If replacement LED and/or Driver are not available, then no further on-site testing can be done. Replace the luminaire with a new one and have the faulty luminaire factory repaired.

OPERATING ENVIRONMENT	Roads, Street Lighting, Public Spaces, Parks, Esplanades, Car Parks, Jetties, Walkways, Marinas, Housing Estates.		
CLASS	I (Exterior Luminaire) AS1158 CATEGORY P	SAIL AREA	0.09m ²
INGRESS PROTECTION RATING	Top Entry— Control Gear IP65, Lamp Chamber IP65	MASS	5.6—6.2kg depending on the model
	Side Entry—Control Gear IP24, Lamp Chamber IP65	PHOTOCELL	By others—as per DNSP specification/approval
FASTENERS	3 x M10 grub screws with lock nuts minimum	SPIGOT SIZE - SIDE ENTRY	27—43mm OD (20—32NB)
COMPLIANCE	AS1158.6:2004, AS60598.1:2003, AS1158.3.1:2005	DIMENSIONS	W=572mm. H=Top entry 410mm, Side entry 405mm. VR add 110mm
BODY MATERIAL	Aluminium—3mm or 6mm on vandal resistant model	IMPACT PROTECTION	Body IK08, Acrylic Lens IK08, Polycarbonate Deflector IK08
MOUNTING - TOP ENTRY	Top Entry to AS1158.6 standard pinned bracket.	LENS	Acrylic lens. Optional 4.5mm vandal resistant Polycarbonate deflector
SERVICE PARTS	Photocell /Base	LED Module & Control Gear Assembly	Acrylic Lens Littlefuse® SPD module LSP10240P Polycarbonate Deflector