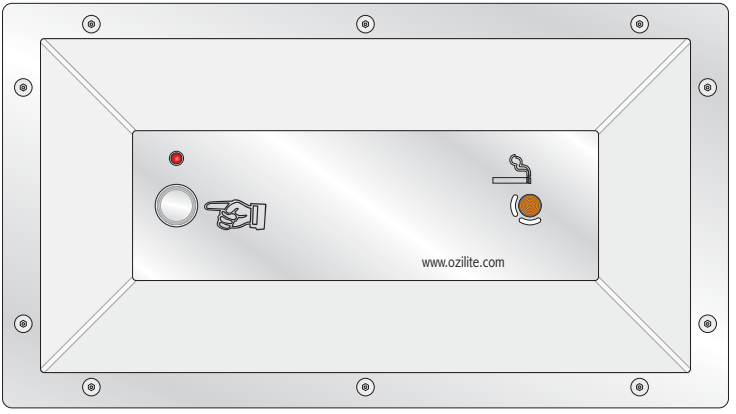
ozilite™

automatic flameless cigarette lighter

Automatic Flameless Cigarette Lighter

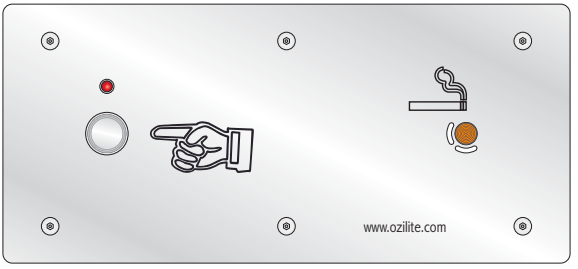
Instruction Manual



ACLWMT Wall Mount



ACLST Pole Mount



ACLLT Flush Mount



Made In Australia

Contents

Thank you for purchasing an Ozilite Flameless Automatic Cigarette Lighter.

All **Ozilite** products are designed for maximum reliability and long service life. Please be sure to follow the instructions in this manual to get the best performance and life from your equipment.

The **Ozilite** unit is quite easy to install and operate, and this manual will explain each of the steps clearly. Troubleshooting tips are also included. If you require assistance at any stage, please contact your **Ozilite** Authorised Dealer or **Ozilite** directly.

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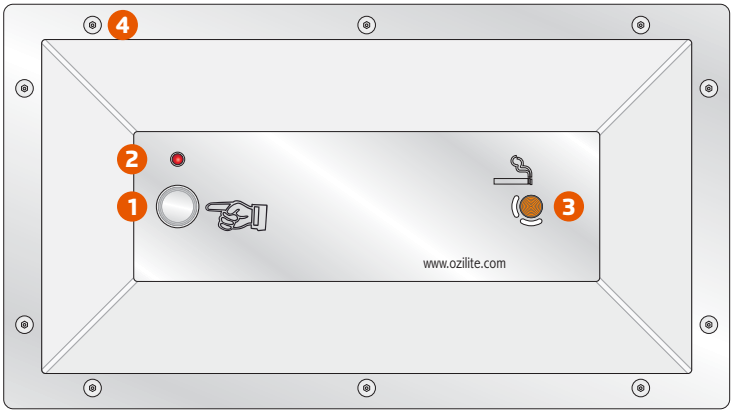
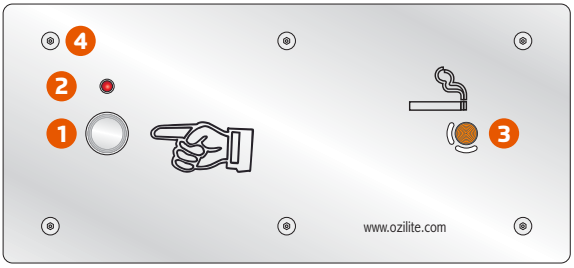
Cautions & Warnings

- **Ozilite** units must be installed by qualified personnel only.
- Disconnect / switch off mains power during installation.
- Disconnect / switch off mains power when replacing the heater element (page 12).
- **Ozilite** units must be serviced only by an authorised service agent. Please contact your **Ozilite** Authorised Dealer for details.
- Opening the unit by unqualified personnel may cause an electric shock, which can cause injury or death.
- Do not install or operate unit if any wiring is damaged.

Getting to know your Ozilite



ACLWMT Wall Mount



ACLLT Flush Mount



ACLST Pole Mount

1 HEATER SWITCH

Press the touch switch firmly to light the Heater.

2 INDICATOR LED

LED is illuminated when Heater is heating.

LED flashes during Heater lock-out time.

3 HEATER

High quality Heater element, safely mounted inside the enclosure.

The element is recessed for safety reasons, and the opening below the element is to allow for ash and liquid to escape/drain free.

4 SECURITY SCREWS

Ozilite provides M5 screws with security heads with each unit.

The correct driver tool is also provided.

Ozilite Operation

OPERATING MODES

The **Ozilite** is supplied pre-configured in Timer or Demand Mode to order before being despatched. The modes are described below. Please contact **Ozilite** for instructions if the operating mode needs to be changed.

TIMER MODE

When the **Ozilite** is in Timer Mode, the heater will operate for 12 seconds when the Heater Switch is pressed, after which it will be locked out from additional heating for a further 12 seconds. This prevents abuse of the **Ozilite**.

To operate the **Ozilite** in Timer Mode:

- Press the Heater Switch. The Indicator LED will light for 12 seconds while the **Ozilite** is heating.

  The Heater Element may take several seconds to begin glowing, especially if it is cold.

  After the 12 second heating period, the Indicator LED will flash for 12 seconds while the heater is locked out. The Heater Switch will not operate for the 12 seconds of lockout. This allows for a cooling down period and to prevent mistreatment of the lighter.
- The Indicator LED switches off after the 12 seconds of lockout, after which the Heater Switch can be pressed again to activate the lighter.

DEMAND MODE

In Demand Mode, the Heater Switch can be pressed anytime for 12 seconds of heating. Whether the heater is currently on or off, the **Ozilite** will heat for an additional 12 seconds every time the heater Switch is pressed.

To operate the **Ozilite** in Demand Mode:

- Press the Heater Switch. The Indicator LED will light for 12 seconds while the **Ozilite** is heating.

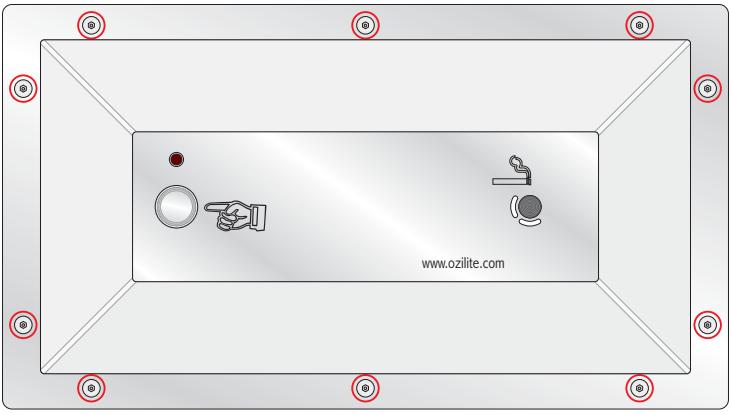
  The Heater Element may take several seconds to begin glowing, especially if it is cold.

  Press the Heater Switch anytime during the 12 second heating period to continue heating for a further 12 seconds from the time the Heater Switch is pressed.
- 12 seconds after the last time the Heater Switch is pressed, the Indicator LED and Heater are switched off.
- NOTE: The **Ozilite** monitors the operation of the unit and will reduce the power level to the Heater Element when it has operated for more than 12 seconds. Although it will not be glowing as brightly at this time, it will still light cigarettes easily.

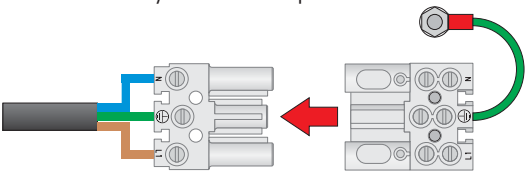
  If the heater has operated continuously for too long the Ozilite will lock out the heater for 12 seconds, in order to prevent failure of the Heater Element.

WARNING! DISCONNECT / TURN OFF POWER SOURCE BEFORE STARTING INSTALLATION.

- Remove security screws from the front plate. The correct driver tool is supplied in the kit.

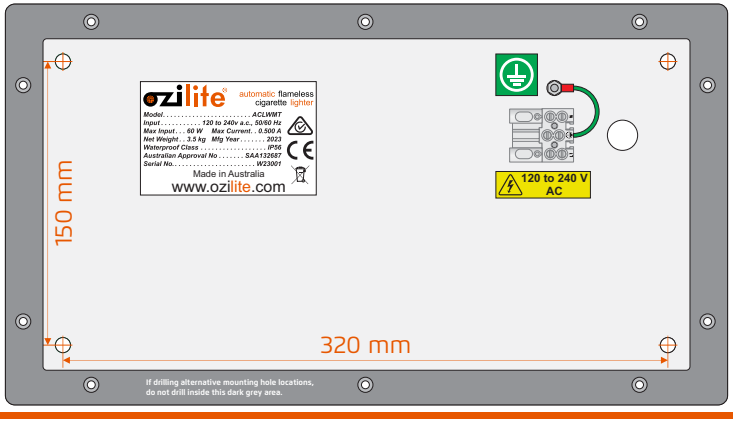


- Disconnect the plug/socket assembly on the back plate.



- Mount the back plate with screws and wall plugs provided. Four pre-drilled holes have been provided in the back plate for this purpose. The rear of the packaging carton has a drilling template. Mount the back plate the correct way up, as shown below.

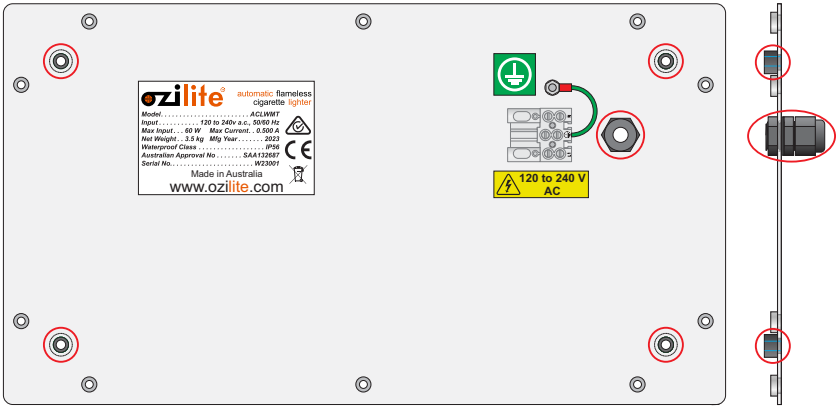
  If drilling alternative screw positions, use an 8.0mm drill bit. Do not drill mounting holes closer than 25mm to Mains power socket. Do not drill mounting holes closer than 20mm to the edges of the back plate, to prevent interference with the front plate. Seal the unused mounting holes with silicone sealant.



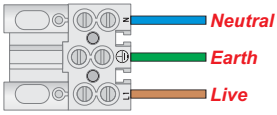
ACLWMT Installation

- Fit the four rubber grommets supplied into the rear of the mounting holes. These will seal the enclosure from water ingress, and also prevent the back plate being bent when tightening the mounting screws.

  The cable gland supplied in the kit can also be fitted now, for extra water resistance.

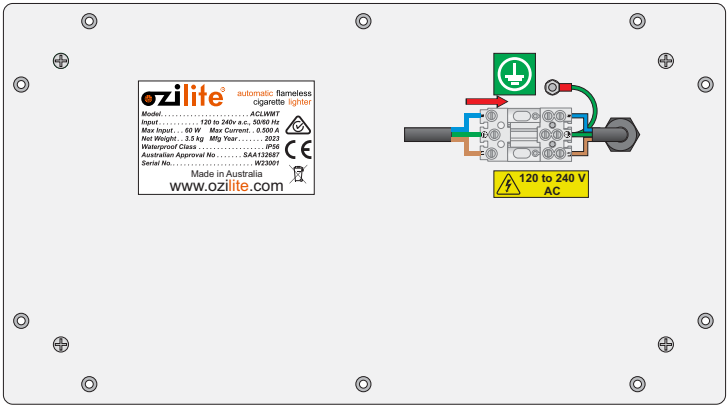


- Fix the back plate to the wall with the screws supplied or alternative screws as required. Connect mains input cable as per the diagram below.



  Seal the cable entry hole with silicone sealant after the back plate is fixed to the wall and the power input cable has been connected, if the cable gland was not used.

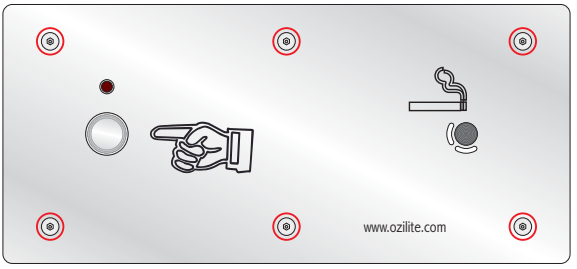
- Connect the plug/socket assembly on the back plate then fix the front plate with security screws supplied. Tighten with sufficient torque to compress the waterproofing gasket.



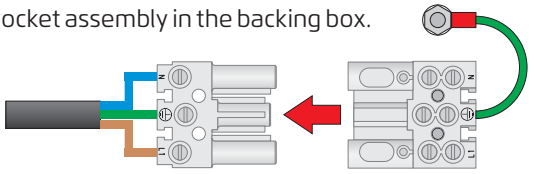
- Installation is complete.

WARNING! DISCONNECT / TURN OFF POWER SOURCE BEFORE STARTING INSTALLATION.

- Remove security screws from the front plate. The correct driver tool is supplied in the kit.



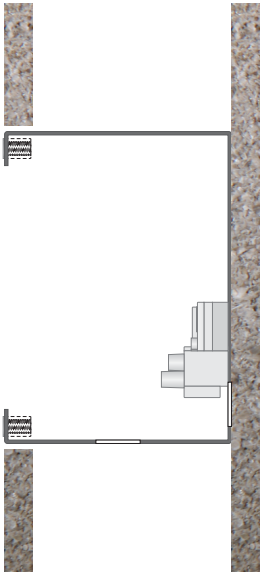
- Disconnect the plug/socket assembly in the backing box.



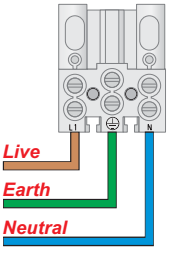
- Mount the backing box into the wall cavity with suitable screws / dyna bolts.

  Do not place mounting screws closer than 25mm to Mains power socket.

  Ensure that the opening of the backing box is flush with the wall, so that the waterproofing gasket seals properly when the front plate is fixed in place.

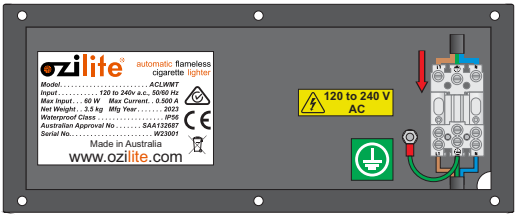


- Connect mains input cable as per the diagram below.

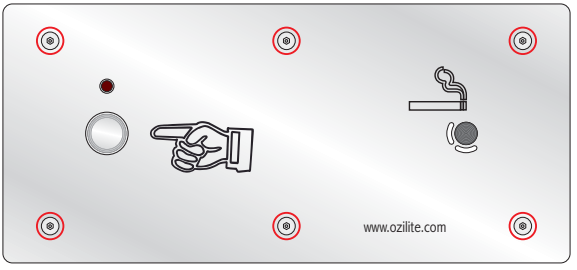


Seal the cable entry hole with silicone sealant after the power input cable has been connected.

- Connect the plug/socket assembly in the backing box.



- Fix the front plate with security screws supplied. Tighten with sufficient torque to compress the waterproofing gasket.

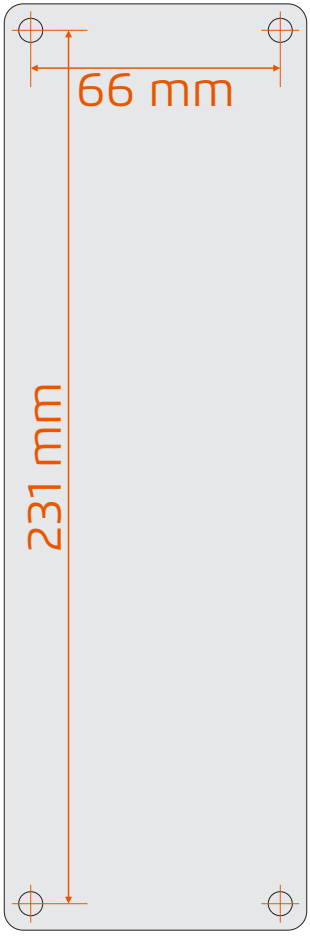


- Installation is complete.

ACLST Installation

WARNING! DISCONNECT / TURN OFF POWER SOURCE BEFORE STARTING INSTALLATION.

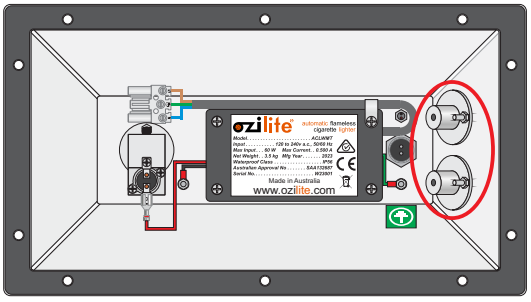
- The dimensions for the cut-out to fit the ACLST are 225mm x 70mm.
- Mounting holes can be tapped or drilled as required :
  - When using the nutserts supplied with the ACLST, drill 7.2mm holes and press nutserts into them.
  - When tapping threads directly into the post, tap with M5 x 0.8 thread.
- The centres for the holes are at 231mm x 66mm. The rear of the packaging carton has a drilling template.



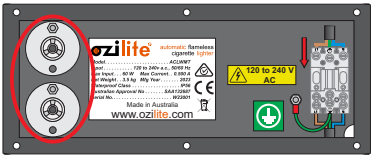
- Connect the mains power wiring to the socket supplied with the ACLST.
- Connect the power plug of the ACLST to the mains socket.
- Fix the ACLST to the post with security screws supplied. Tighten with sufficient torque to compress the waterproofing gasket.

Replacing the Heater Element

The **Ozilite** is supplied with two spare Heater Elements. Refer to the relevant Installation instructions for your model to access the spare Heater Elements, as per the diagrams below.



ACLWMT Wall Mount



ACLLT Flush Mount



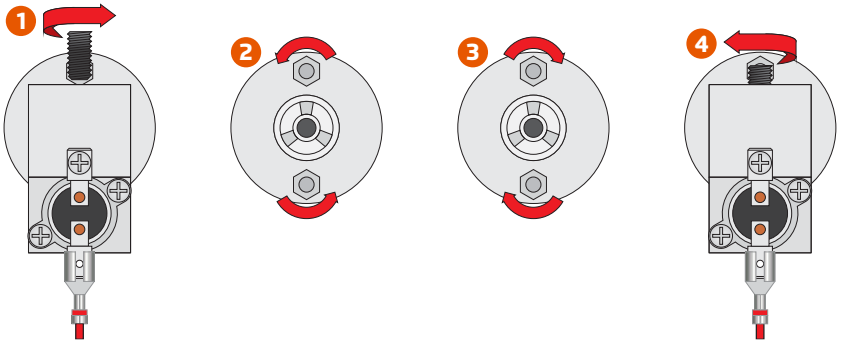
ACLST Pole Mount

Locate the spare heater elements in your **Ozilite** and retrieve one to use as a replacement.

1. Unscrew the grub screw holding the Heatsink Assembly in place with a 3/32 Alan Key until the Heatsink Assembly is loose and can be pulled off the Heater Element.
2. Unscrew the two nuts holding the old Heater Element in place and remove it.
3. Fit the replacement Heater Element and re-fit the nuts. Correct tightness is when the nuts are level with the top of the threaded post.
4. Fit the Heatsink Assembly onto the Heater Element. Re-tighten the grub screw. Do not over-tighten as this will damage the new Heater Element.

Refer to the relevant Installation instructions for your model to reassemble the unit.

Replacement elements can be obtained from Ozilite and the order code is **ACLEL1**.



Troubleshooting

Symptom	Possible Causes and Remedies
Indicator LED illuminates when Heater Switch is pressed, but Heater Element does not heat up.	**Faulty Heater Element** • Replace Heater Element, as per details on Page 12. **Faulty Component** • If replacing the Heater Element does not rectify the issue, the Control Unit may be faulty. Contact your **Ozilite** Authorised Dealer or **Ozilite** directly for information on repair or a replacement part.
Indicator LED does not illuminate when Heater Switch is pressed, and Heater Element does not heat up.	**Faulty Heater Switch** • Contact your **Ozilite** Authorised Dealer or **Ozilite** directly for information on repair or a replacement part. **Faulty Component** • If replacing the Heater Switch does not rectify the issue, the Control Unit may be faulty. Contact your **Ozilite** Authorised Dealer or **Ozilite** directly for information on repair or a replacement part.
Heater Element heats continuously at full power and never switches when the Ozilite is powered on.	**Faulty Control Unit** • Contact your **Ozilite** Authorised Dealer or **Ozilite** directly for information on repair or a replacement part.

Specifications

POWER

VOLTS ..... 100v to 240v a.c., 50/60Hz

MAX INPUT..... 80 W

MAX CURRENT..... 0.500 A

DIMENSIONS AND MASS

ACLWMT WALL MOUNT ..... 382 x 212 x 55 mm, 3.5 kg

ACLLT FLUSH MOUNT ..... 300 x 137 x 84 mm, 2.5kg

ACLST POST MOUNT ..... 245 x 80 x 45 mm, 1.5 kg

REGULATORY INFORMATION

PROTECTION RATING..... IP56

AUSTRALIA / NEW ZEALAND APPROVAL CERTIFICATE NUMBER EESS-231092-0

AUSTRALIA / NEW ZEALAND STANDARD..... AS/NZS 60335.1:2020 +A1.

EU APPROVAL CERTIFICATE NUMBERS TW2401045, TW2401046

EU STANDARDS..... EN IEC 55014-1:2021, EN IEC 55014-2:2021
EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A2:2021+AC:2022-01
EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A2:2019+A14:2019+A15:2021
EN 62233:2008

COUNTRY OF MANUFACTURE ..... AUSTRALIA

REGULATORY MARKS .....

Warranty

Ozilite guarantees the **Ozilite** Flameless Automatic Cigarette Lighter to be free from defects in material and workmanship when subjected to normal use and service.

This is a back to base guarantee, whereby the faulty unit is returned to **Ozilite**, or Authorised Dealer, freight prepaid within one year from the date of purchase. The faulty device will be repaired and returned, free of charge.

The heater element is not covered by this warranty as it is a consumable wearing part.

There are no expressed or implied warranties which extend beyond the face hereof, and **Ozilite** is not liable for any incidental or consequential damages arising from the use or misuse of this product. This limited warranty does not apply to any injury, loss, damage, defect or malfunction of the product or failure to function resulting from any failure to operate the product in accordance with the directions contained in the operating instructions, failure to function resulting from any accidents, acts of God, tampering, abuse, acts, omissions, or negligence by anyone other than **Ozilite** , including but not limited to such damage or injuries resulting from improper installation.

This limited warranty shall apply only to the Customer as an original purchaser. It is the customer's responsibility to follow safety regulations and laws regarding electrical installation. Shipping damage is not covered by this warranty.

No claims will be recognised without the proof of purchase. This warranty becomes invalid if unauthorised person or persons attempt modifications or repairs.

Any dispute between customer and **Ozilite** must be conducted in Queensland, Australia.