



LUMASCAPE

LS853: Direct Burial MH with PureOptics™ reflector - Fixed

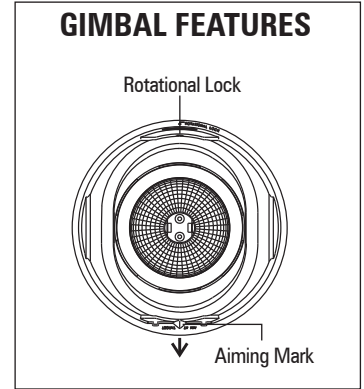
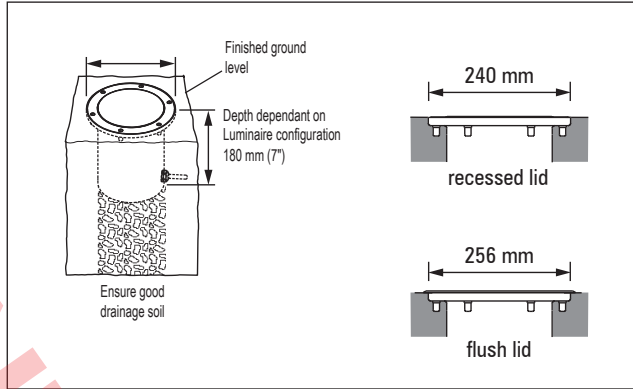
REMOTE CONTROL GEAR ONLY

Warranty voided if not installed as per installation instructions

DANGER

ISOLATE LUMINAIRE FROM POWER

Failure to isolate power supply before installation or maintenance may result in fire, serious injury, electric shock, death and may damage the luminaire.



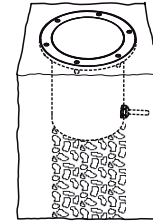
WARNING

NO POWER TOOLS

NO DOWNWARD FORCE

DO NOT OVERTIGHTEN

1. **Locate luminaires**
 Site luminaire, in proximity to cabling, in gravel, soil or concrete. Use discretion in locating luminaires as glass can become very hot and may burn.



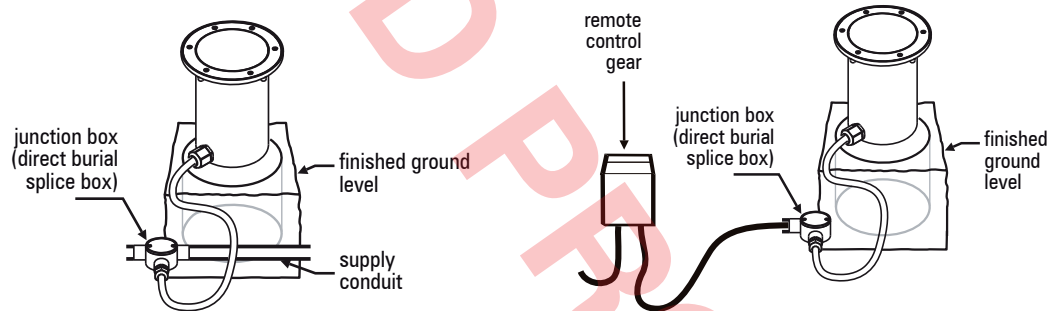
Power supply must be isolated prior to connection or disconnection of cables. Failure to do so will result in damage to the luminaire components.

2. **Supply connection**
For type 81 armoured cable entry: Connect junction box (direct burial splice box) to supply conduit and cover connections with epoxy as per instructions.
For type 84 cable entry only: Connect cable in accordance with local wiring rules.

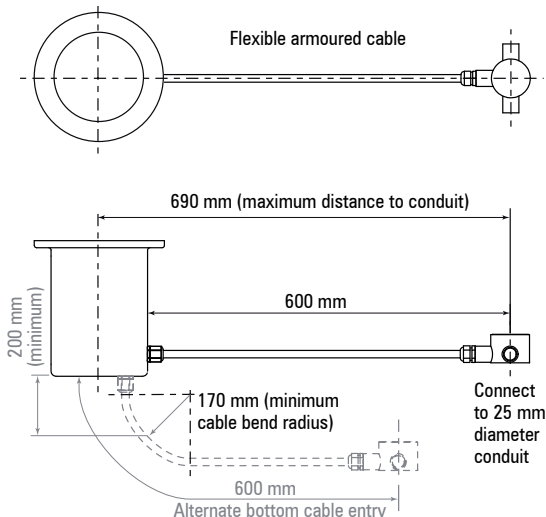
For remote control gear details refer over

Install remote control gear in a suitable location and connect luminaire. Refer wiring diagram

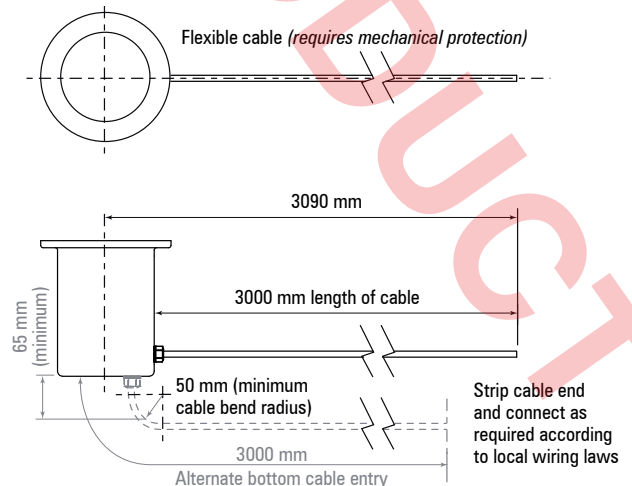
Epoxy sachet not supplied outside Australia.
 To be supplied by contractor LumascapE recommends 3M Scotch Cast 2112 epoxy.



Type 81 cable entry:
 DIRECT BURIAL ARMoured CABLE

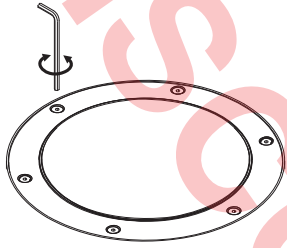


Type 84 cable entry:
 MICRO ANTILEACH 3M CABLE ENTRY



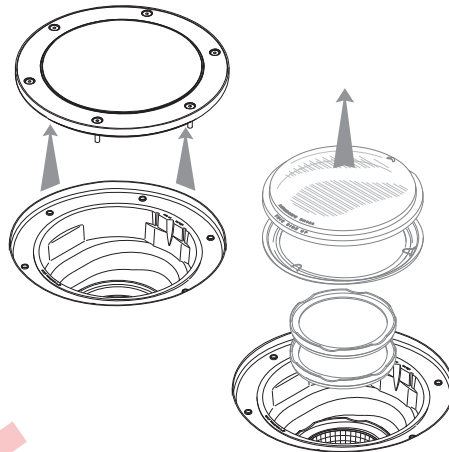
3. Isolate and open luminaire

Ensure the luminaire is electrically isolated. Loosen the screws with the allen key provided. If necessary gently lever lid out with a large screwdriver.



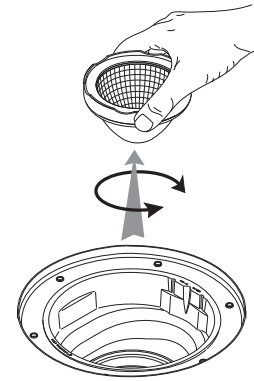
4. Remove lid

Remove lid and any accessories to expose reflector.



5. Remove reflector

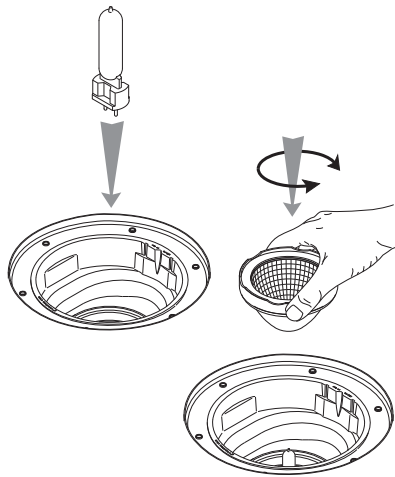
Unscrew and remove reflector from luminaire.



Power supply must be isolated prior to connection or disconnection of cables. Failure to do so will result in damage to the luminaire components.

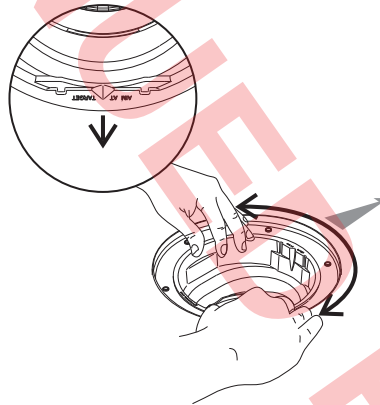
6. Insert lamp and reflector

Insert lamp into lamp holder and replace reflector.



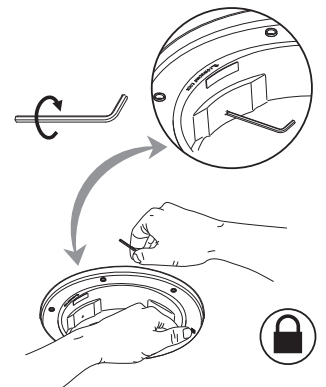
7. Target gimbal

Rotate gimbal until **Aiming Mark** is targeted as desired.



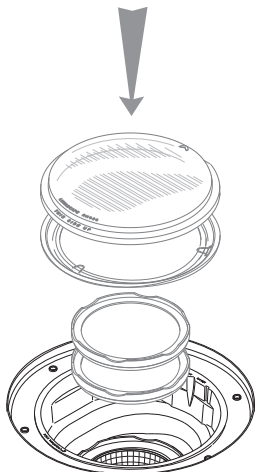
8. Lock gimbal

Lock Gimbal. Whilst exerting downward pressure on gimbal, tighten rotational lock grub screw.



9. Accessories

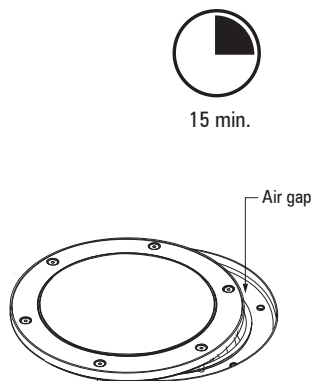
Add accessories (Note instructions for accessories stacking order below). Further gimbal adjustments may be required with accessories in place.



10. Run luminaire

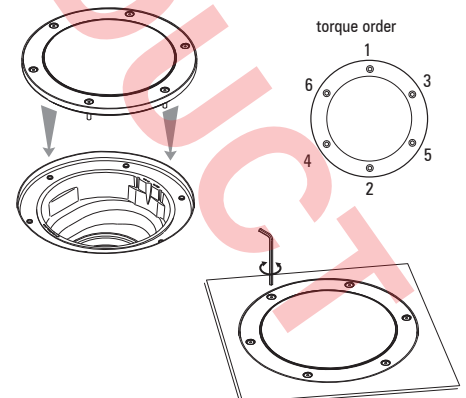
Lay lid partially over luminaire to allow a gap for any moisture present to evaporate prior to sealing. Connect to supply and allow to burn for 10-15 minutes. Seal luminaire.

IMPORTANT - DO NOT ENERGISE WITHOUT PARTIALLY COVERING LAMP



11. Seal luminaire.

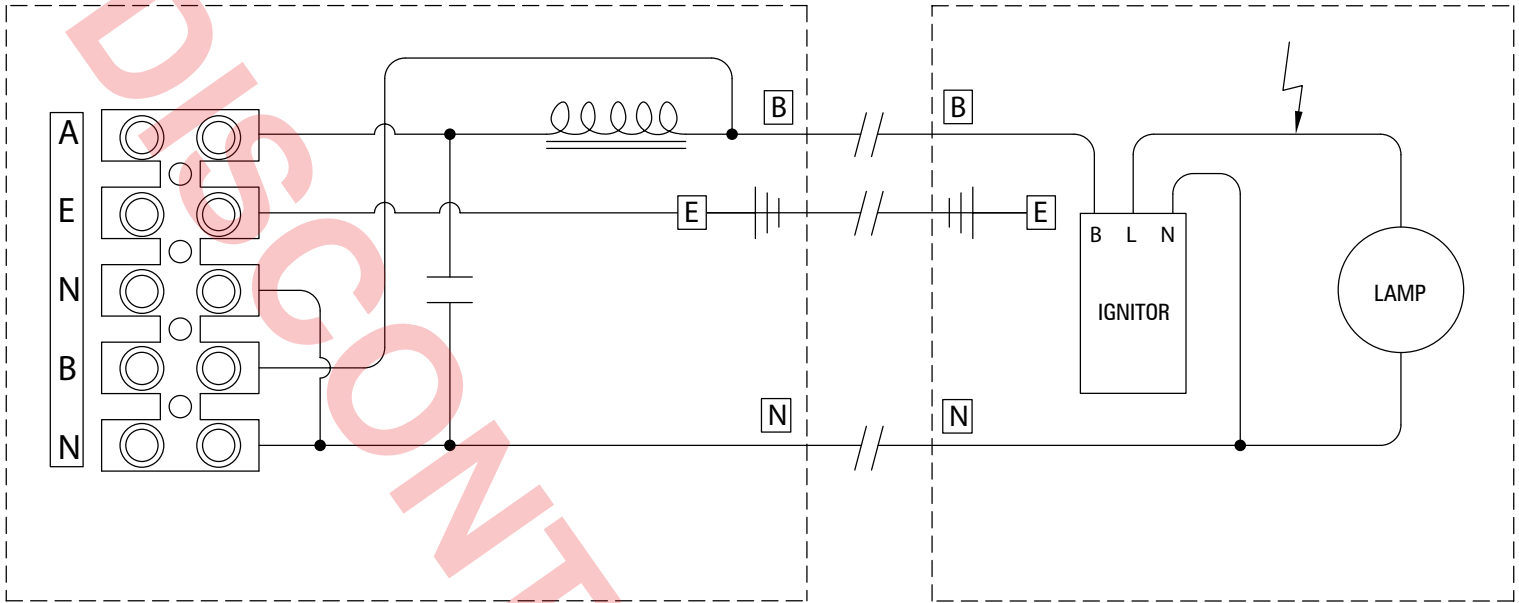
Seal immediately after de-energising. Ensure seal and sealing surface is clean. Clean glass if necessary. Tighten lid screws Using the 3 mm allen key supplied. Lumascope recommends tightening in the below torque pattern **Do not overtighten screws, 4 Nm max.**



Wiring diagrams

Remote control gear wiring only

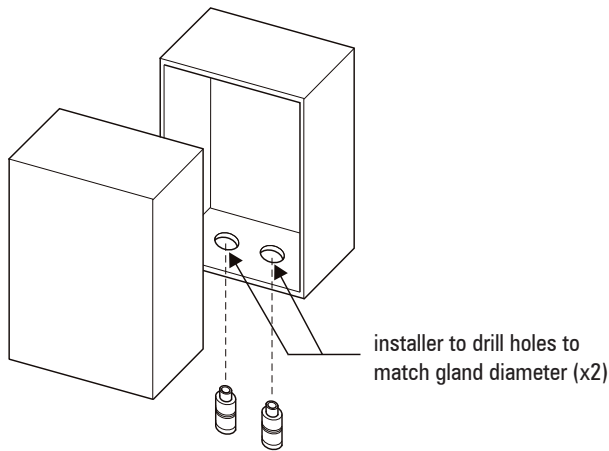
Luminaire



NOTE: The 'B' terminal from the remote control gear assembly must be connected to 'B' terminal for the ignitor in the luminaire.

The 'N' neutral terminal from the remote control gear assembly must be connected to the lamp neutral.

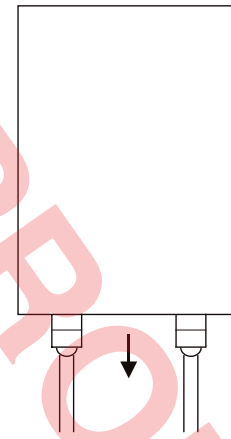
Gland installation



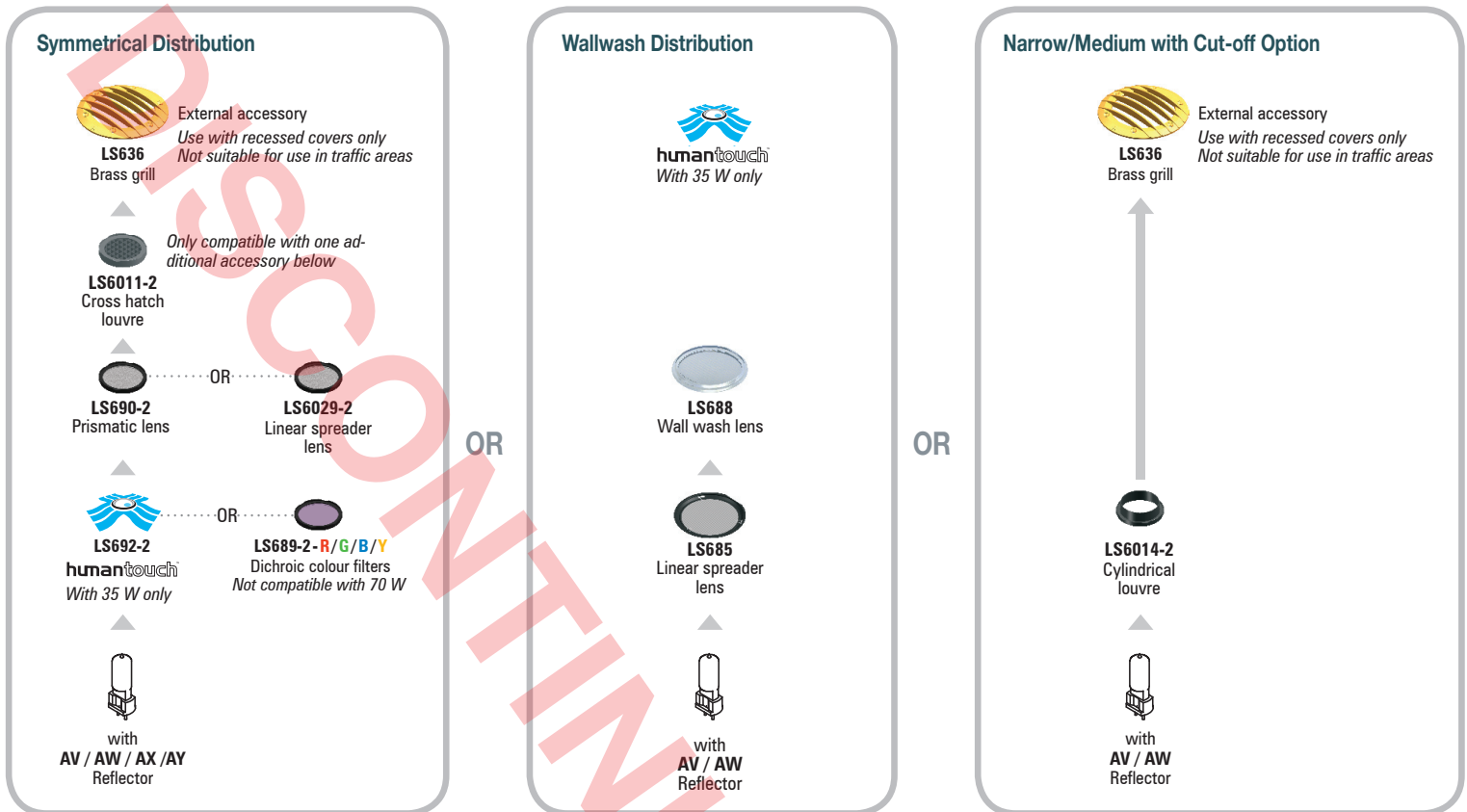
Enclosure orientation

Install glands in downward position to ensure water runoff.

NOTE: If orientation of gear enclosure (as shown) is not possible, then ensure gland entry is also protected by silicone from the inside.



Accessories stacking order



Other accessory stacking options may be available - consult factory

Questions?
Call +61 7 3286 2299
Email sales@lumascope.com.au
www.lumascope.com.au

SAFETY INSTRUCTIONS

WARNING - To reduce the risk of FIRE or INJURY:

1. Luminaires and transformers to be installed by licensed electrical contractors.
2. Luminaires to be used for intended purpose only.
3. Do not operate the luminaires with a missing or damaged parts.
4. Use only genuine Lumascope parts to replace damaged or missing components.
5. Refer to instructions for installation and operating requirements.
6. Ensure installation complies with local regulations

Voltage insulation test (megger) will permanently damage product and will void warranty.

SAVE THESE INSTRUCTIONS.