

LD10238-E3

Wall Mounted LED Spotlight

Install sheet - Page 1

SPECIFICATION

LED surfaced mounted luminaires are class III for Safety Extra Low Voltage **DC** supply. The product should only be used with a supplied or LightGraphix approved **350mA, 500mA or 700mA** constant current driver.

Suitable for mounting on normally flammable surfaces.

Lamp: **E3 LED Engine.**

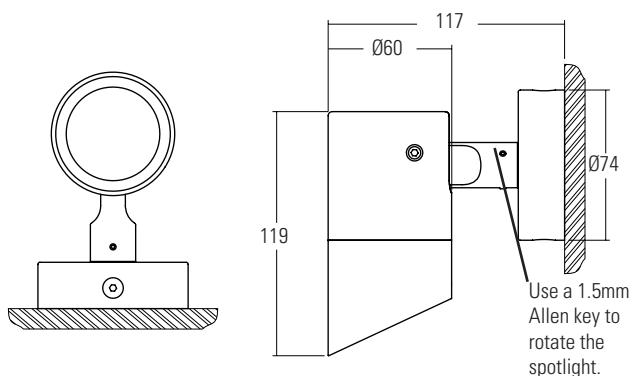
This fitting is **IP67** rated.

Lumen Maintenance: L90B5 at 90,000hrs.

LD10238 - E3	
Product & LED Output Code	Power Output
LD10238-E3 - 350	350mA 5W
LD10238-E3 - 500	500mA 7W
LD10238-E3 - 700	700mA 10W

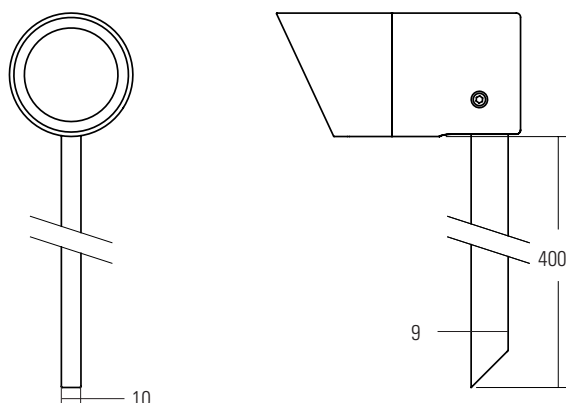
/SMB

Surface Mounted Bracket



/ GS

Ground Spike



INSTALLATION

/SMB

1. Detach the mounting bracket, then fix bracket to mounting surface using suitable screws.
2. Drill a Ø7mm hole to feed the cable from fitting to a remote driver. Alternatively, connections can be made within the surface mount base, providing the connection has suitable protection for the environment it is in.

NOTE: Connections in wet environments. Make IP68 connection to stop water travelling up the cables into the fittings! Refer to IP connection sheet for further details.

3. Wire luminaire to a specified driver.
4. Re-attach the /SMB to the mounting bracket, tucking the connection inside of the housing.
5. Make tilt adjustments by hand, it is a friction adjustment.

DO NOT ADJUST TILT USING AN ALLEN KEY.

6. Make rotational adjustments using a 1.5mm Allen key as shown in the (Left hand) diagrams

/GS

1. It is recommended that users push the ground spike a minimum of 2/3 of the spike into the ground, ensuring that the fitting stays upright and is secured in place (depending on soil density).
2. Wire luminaire to a specified driver.

NOTE: Connections in wet environments. Make IP68 connection to stop water travelling up the cables into the fittings! Refer to IP connection sheet for further details.

3. Make adjustments by hand, it is a friction tilt adjustment.

DO NOT ADJUST TILT USING AN ALLEN KEY.

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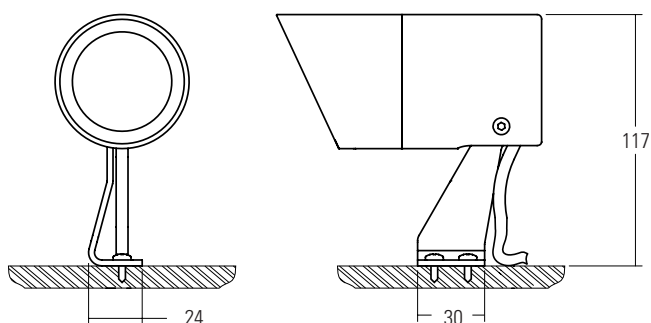


Install sheet - Page 2

SPECIFICATION

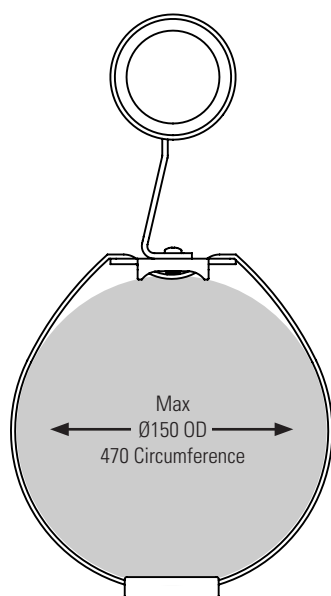
/SAM

Surface Arm Mount



/TS

Tree Strap



INSTALLATION

/SAM

1. By hand, position the body into it's maximum upward tilt. Then mark out fixing holes.
- NOTE: The /SAM allows for some limited rotation adjustment to straighten the luminaire.**

2. Drill fixing holes in surface. Use wall plugs as needed.

3. Fix to surface using No.6 or No.8 screws.

4. Wire luminaire to a specified driver.

NOTE: Connections in wet environments. Make IP68 connection to stop water travelling up the cables into the fittings! Refer to IP connection sheet for further details.

5. Make adjustments by hand, it is a friction tilt adjustment.

DO NOT ADJUST TILT USING AN ALLEN KEY.

/TS

1. Loop tree strap in and out of the bracket.
2. Position the fitting in to its desired position on the tree trunk.
3. Fasten fitting to tree. Tightening strap so that the fitting won't move.
4. Wire luminaire to a specified driver.

NOTE: Connections in wet environments. Make IP68 connection to stop water travelling up the cables into the fittings! Refer to IP connection sheet for further details.

5. Make adjustments by hand, it is a friction tilt adjustment.

DO NOT ADJUST TILT USING AN ALLEN KEY.

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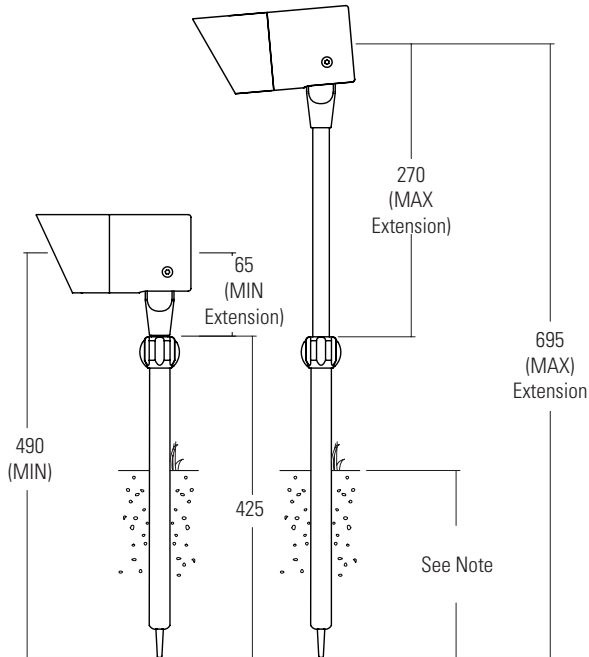


Install sheet - Page 3

SPECIFICATION

/GSA

Ground Spike Adjustable



INSTALLATION

/GSA

1. It is recommended that users push the ground spike to a minimum depth into the ground, ensuring that the fitting stays upright and is secured in place (depending on soil density).

NOTE: Ground types - Soft ground: 200mm to 250mm or Hard ground: 150mm to 200mm

2. Wire luminaire to a specified driver.

NOTE: Connections in wet environments. Make IP68 connection to stop water travelling up the cables into the fittings! Refer to IP connection sheet for further details.

3. Make adjustments by hand, it is a friction tilt adjustment.

DO NOT ADJUST TILT USING AN ALLEN KEY.

SEE CONSTANT CURRENT WIRING SHEET FOR IN SERIES WIRING DIAGRAM

WIRING

Do not power up until fitting is wired correctly! Constant current LEDs must be wired in series, polarity is critical. Please refer to specified driver sheet for details on the minimum and maximum number of LEDs per circuit.

IMPORTANT

Make sure that all cables and connections are securely connected before switching on the power. Failing to do this can lead to failure of the LEDs and/or the driver. If the LEDs do not work upon power up, turn off the power source immediately and check the polarity of the wiring. Any attempt made to open up and/or modify the luminaire will invalidate the manufacturers warranty. This is inclusive of but not limited to removal of the LightGraphix product label or removal of any parts from the main body of the product including bezels, electrical components and factory fitted fixing methods (unless otherwise stated in these instructions).

CORE COLOUR & POLARITY		
Colour of Cable	Red	Black
Materials	+	-

MAINTENANCE

Clean with soft damp cloth.
LED: Please contact LightGraphix.
O-ring replacement part numbers: Outer O-ring 17.0006