

## LD53 RGBW

RGBW Exterior Landscape Accent Light



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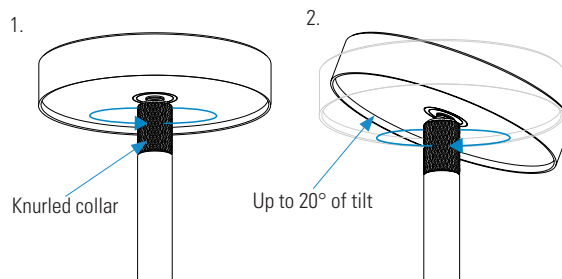
### SPECIFICATION

LED Linear luminaires are class III for Safety Extra Low Voltage supply 24V DC driver.  
Suitable for mounting on normally flammable surfaces.  
LD53 is IP65 rated, please check specification.  
Lumen Maintenance: 50,000 hours L70 at Max Ambient of 35°C

LD53	
Product & LED Output Code	Watts per fitting
LD53 RGBW/ LG1300	5.6W

The LD53 is not designed to be a portable luminaire. For all ground spike applications, we recommend concreting the spike in place.

#### -AT53 Adjustable Tilt



1. To adjust the tilt of the ball joint, begin by releasing the threaded collar by half a rotation.

**DO NOT UNTHREAD FURTHER THAN HALF A ROTATION**

2. Set the desired angle of tilt for the fitting and then retighten the collar until it has been tightened firmly and the top can no longer be easily adjusted.

### INSTALLATION

#### GSF53-3/6/9 / GSAT53-3/6/9

Fixed Ground Spike (300/600/900mm) / Adjustable Tilt Ground Spike (300/600/900mm)

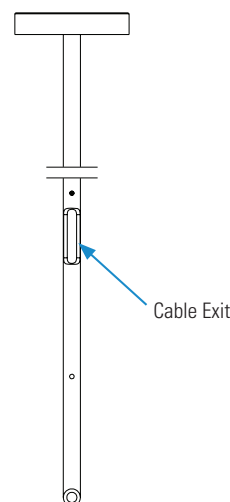
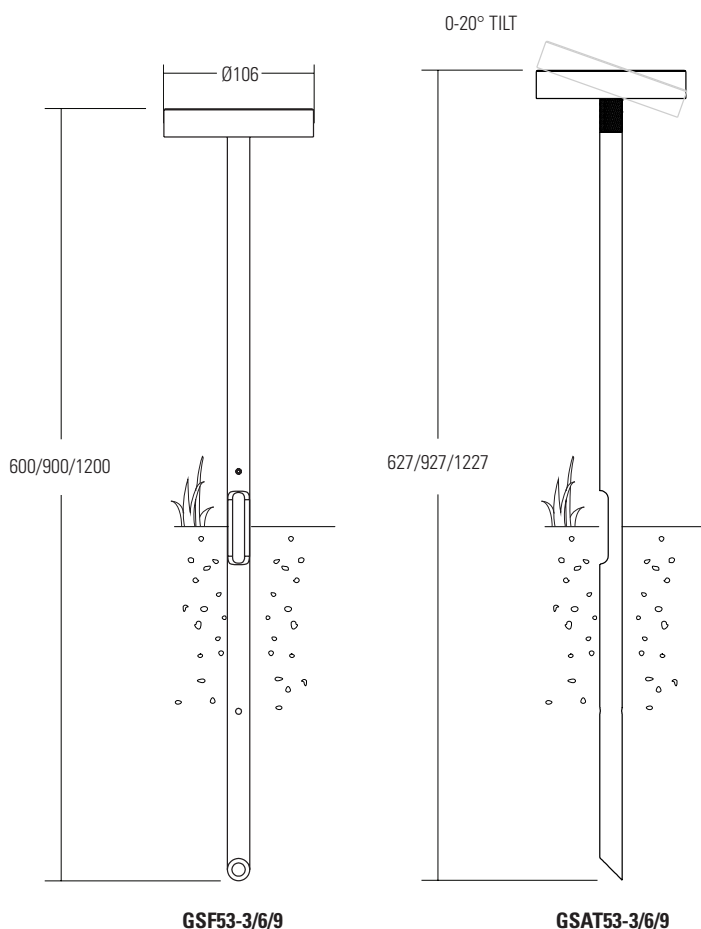
1. Users should push the ground spike to a minimum depth into the ground, ensuring that the fitting stays upright and is secured in place (dependent on soil density).

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

2. Wire the luminaire to a specified driver ensuring the power is off.

**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. Confirm installation was successful by powering up the fitting. If there is no light output, switch off power immediately and verify wiring.



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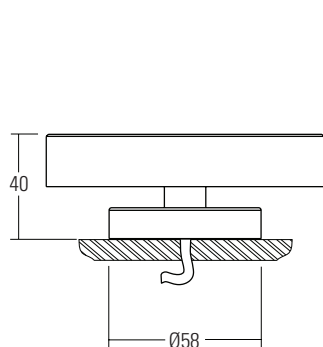


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### DIAGRAM

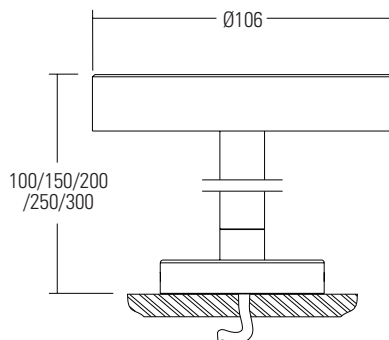
#### SMB53

Surface Mount Base



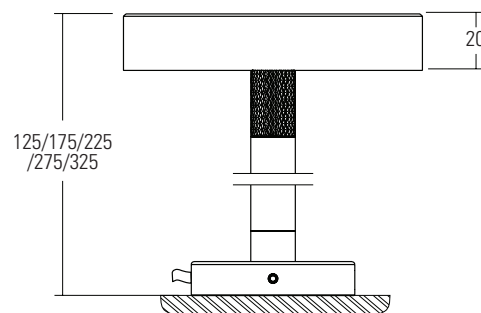
#### SMBEX53-100/150/200/250/300

Extended Surface Mount Base  
(100/150/200/250/300mm)

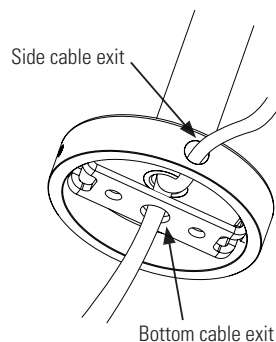
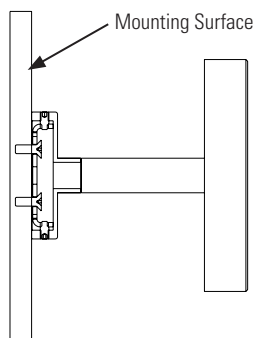


#### SMBEXAT53-100/150/200/250/300

Adjustable Tilt Extended Surface Mount  
Base (100/150/200/250/300mm)



### INSTALLATION



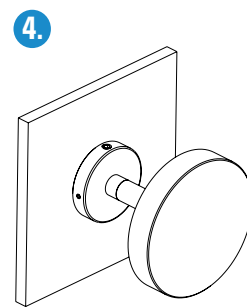
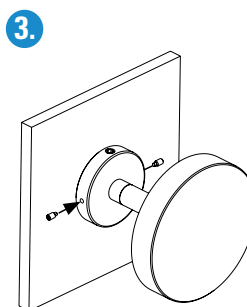
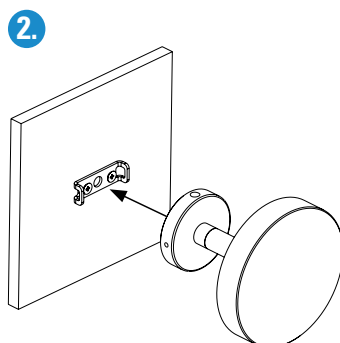
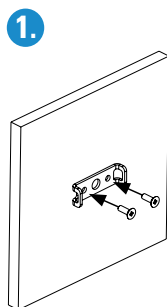
1. Detach the mounting bracket by partially removing the grub screws (2mm allen key), then fix bracket to mounting surface using suitable screws.

2. Drill a Ø7mm hole to feed the cable from fitting to a remote driver. Alternatively, the M8 grub screw can be removed to allow for a side cable exit.

**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 the luminaire to a specified driver ensuring the power is off and then re-attach the /SMB to the mounting bracket and secure with grub screws using a 2mm allen key.

4. Confirm installation was successful by powering up the fitting. If there is no light output, switch off power immediately and verify wiring.



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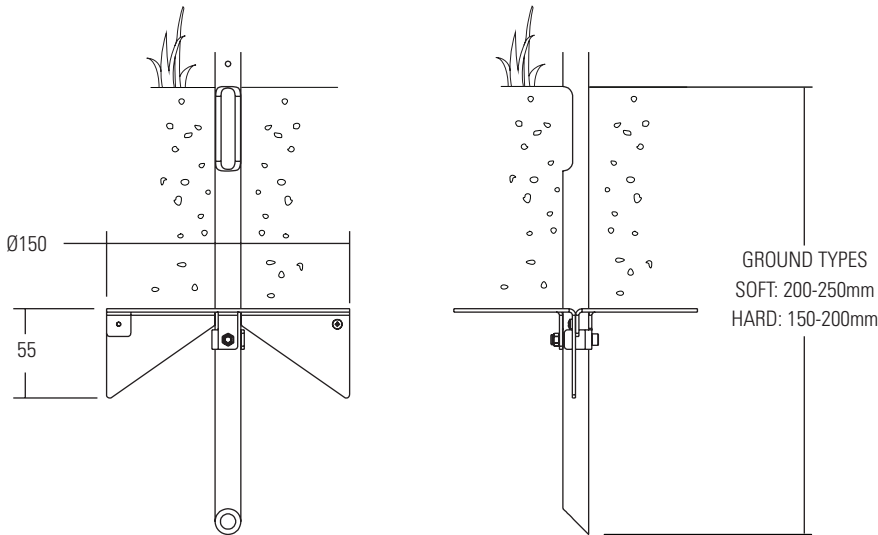


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### INSTALLATION

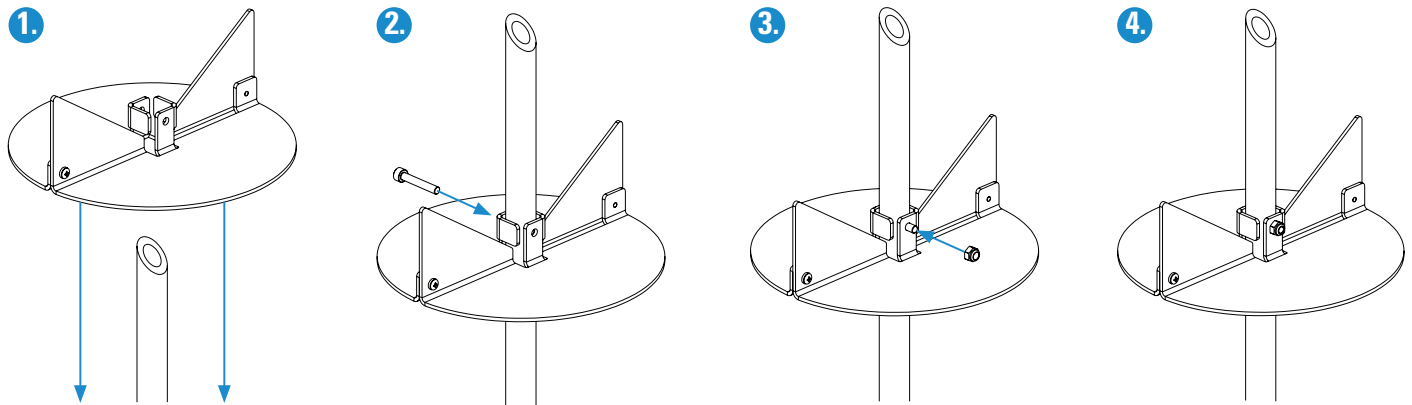
#### /GSP

Ground Spike Plate



1. Slide the ground plate assembly onto the bottom of the ground spike, until the corresponding holes line up.
2. Push the M4 x 25mm screw all the way through.
3. Tighten the M4 screw using the M4 Nut.
4. Ensure plate is perpendicular to ground spike.

**NOTE:** Dig 150mm diameter hole in desired install location. Ensure hole is deep enough for ground plate to be completely submerged. Push fitting down into hole until the flat face of the ground plate is at the bottom of the hole. Then cover over ground plate with infill material and compact down.



### SEE CONSTANT VOLTAGE WIRING SHEET FOR IN PARALELL WIRING DIAGRAM

#### WIRING

Do not power up until fitting is wired correctly! Constant voltage LEDs must be wired in paralell, polarity is critical. See table for polarity of cables.

CORE COLOUR & POLARITY	
Circuit	Colour
Common Positive	Black
R	Red
G	Green
B	Blue
W	White

#### IMPORTANT

Make sure that all cables and connections are securely connected before switching on the power. Do not switch on the power source prior to making these connections as this will result in the LEDs being overvoltage, which 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.

#### MAINTENANCE

**CABLE:** The external flexible cable shall only be replaced by the manufacturer if the cable is damaged.

**LAMPS:** The light source contained in this luminaire shall only be replaced by the manufacturer. Please clean with soft cloth and avoid harsh cleaning chemicals.