

LD53 RGBW

RGBW Exterior Landscape Accent Light



Install sheet - Page 1

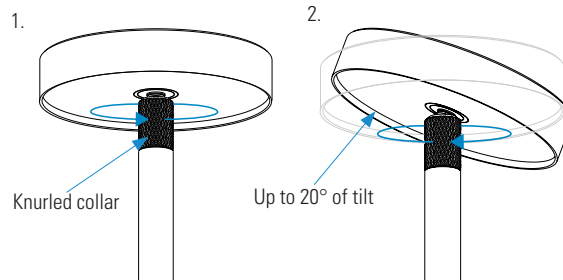
SPECIFICATION

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.

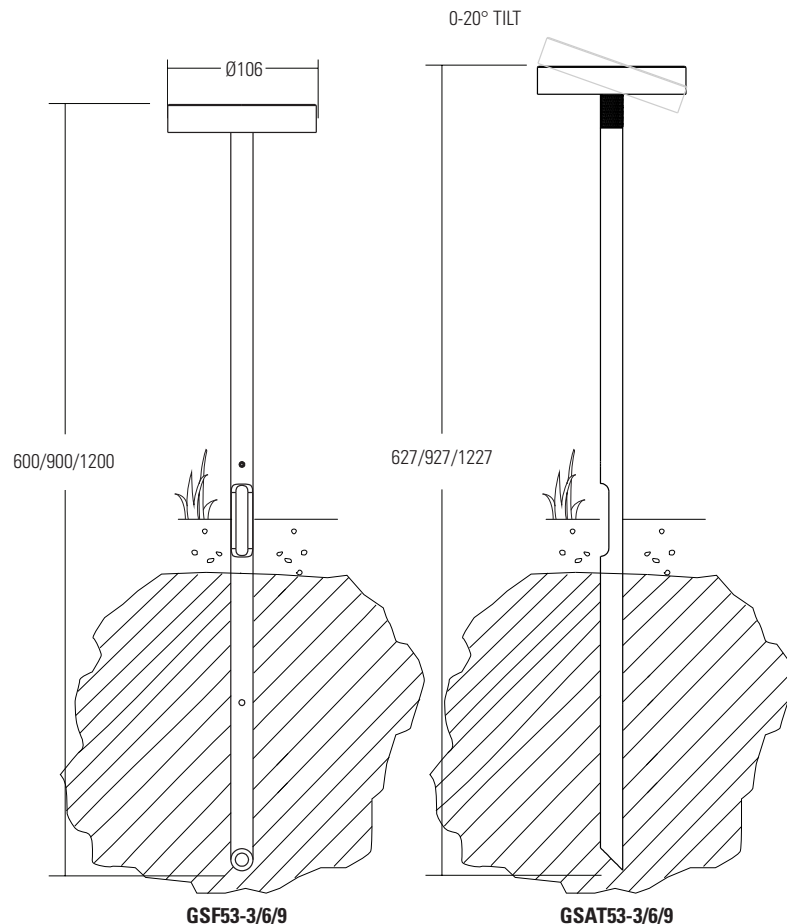
DO NOT UNTHREAD FURTHER THAN HALF A ROTATION

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 and secure with concrete, ensuring that the fitting stays upright and is secured in place (dependent on soil density).

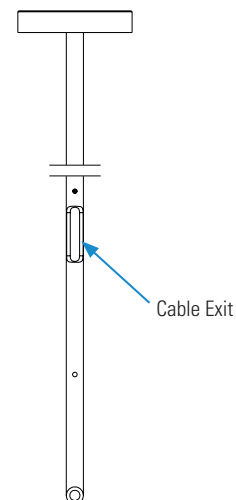
NOTE: Ground types - Soft ground: 200mm to 250mm or Hard ground: 150mm to 200mm

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.

NOTE: Fittings get hot when powered on. Allow to cool down before adjusting fitting.



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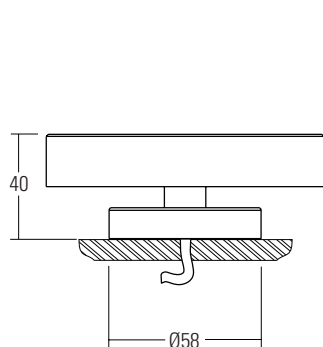


Install sheet - Page 2

DIAGRAM

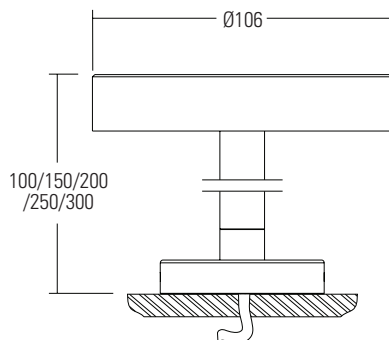
SMB53

Surface Mount Base



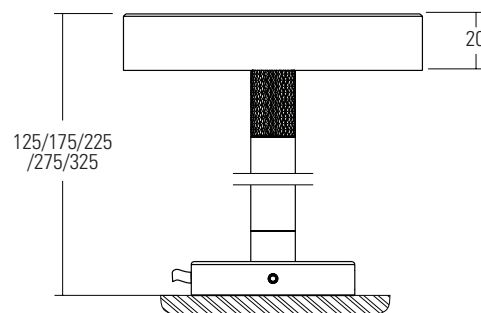
SMBEX53-100/150/200/250/300

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

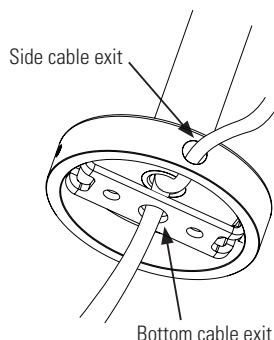
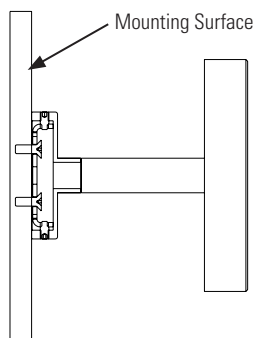


SMBEXAT53-100/150/200/250/300

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.

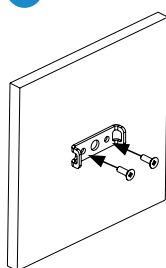
NOTE: Connections in wet environments. Make IP68 connection to stop water travelling up the cables into the fittings! Refer to IP connection sheet for further details.

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.

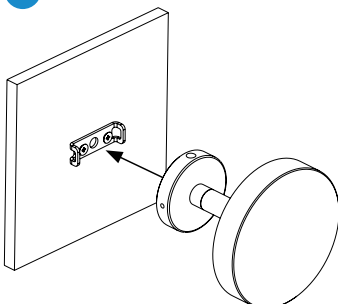
4. Confirm installation was successful by powering up the fitting. If there is no light output, switch off power immediately and verify wiring.

NOTE: Fittings get hot when powered on. Allow to cool down before adjusting fitting.

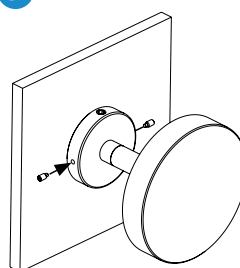
1.



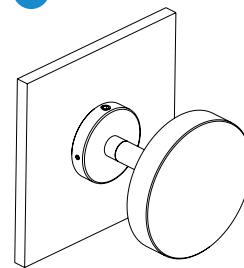
2.



3.



4.



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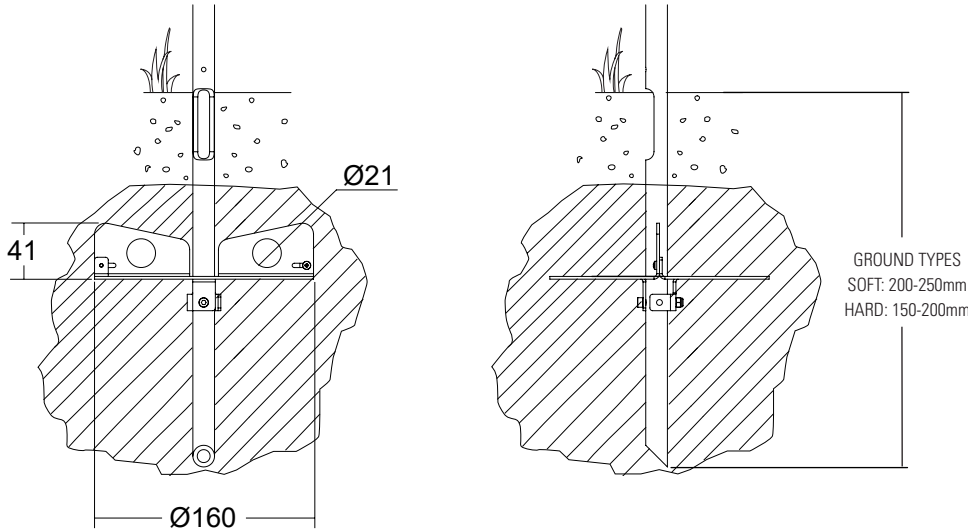


Install sheet - Page 3

INSTALLATION

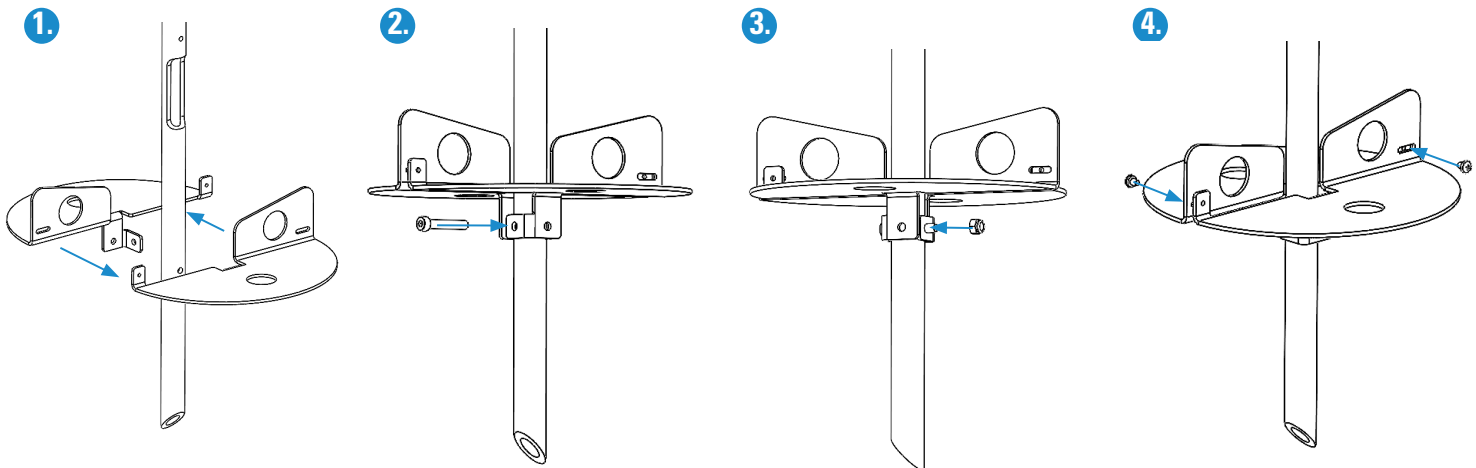
/GSP

Ground Spike Plate



1. Push the ground plates together around the ground spike, until the holes in the plate line up with the ground spike hole.
2. Push the M4 x 25mm screw all the way through.
3. Tighten the M4 screw using the M4 Nut.
4. Secure the plate together with the M3 x 4mm screws. Ensure plate is perpendicular to ground spike before concreting in place.

NOTES: (1) 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 and secure with concrete. Then cover over ground plate with infill material and compact down. (2) Fittings get hot when powered on. Allow to cool 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.

END OF LIFE

This fitting contains a replaceable (LED only) light source, that must be replaced by a professional. If the product has come to the end of its life or is in need of repair please contact LightGraphix or your preferred recycling scheme.



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. To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach. 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). Luminaire should be wired no further than 30 meters away from a SELV constant current LED driver (based on a 1mm squared cross sectional cable). Forward voltage of luminaire is 18VDC, if wired in series UOUT of LED driver and luminaire circuit should not exceed 60VDC. Terminal block not included. Installation must be performed by a qualified person. For connections made in dry environments 2 x Wago 221-2411 or connections with similar specifications are recommended. For damp or wet environments a connector of the same electrical specification but with a suitable IP rating should be used.

CORE COLOUR & POLARITY

Circuit	Colour
Common Positive	Black
R	Red
G	Green
B	Blue
W	White

CONNECTION

- Wire Connection Method: Clamp
- No. of Positions: 1Way
- Rated Voltage: 450V
- Rated Current: 32A
- Wire Size (stranded): 18 - 14AWG

MAINTENANCE

- Clean with soft damp cloth
- LED: Please contact LightGraphix
- O-ring replacement part numbers: N/A