

LS553LED & LS563LED: line voltage

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

This luminaire must only be installed by a licensed electrical worker

NOT suitable for drive-over applications

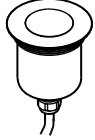
Please ensure that installation complies with local authority standards

Do not interfere with the luminaire lid or remove it during installation

Do not interfere with or disconnect cable from luminaire.

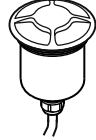
Warranty will be void if cable assembly is tampered with.

COMPONENTS

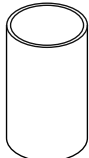


1x LS563LED

or



1x LS553LED

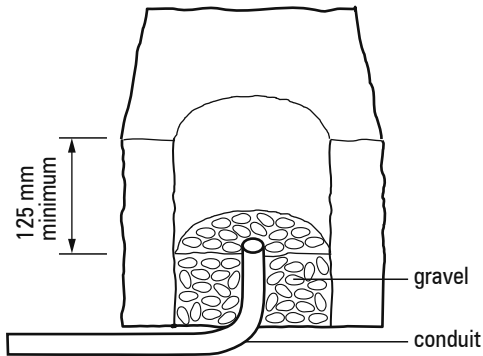


1x PVC pipe

1. Hole detail

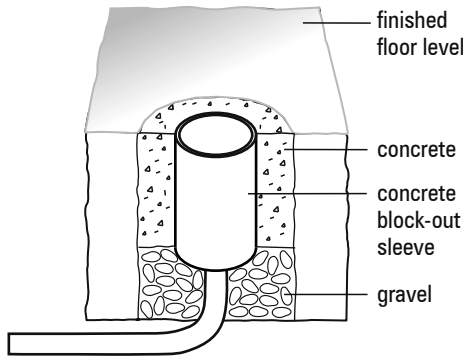
- Cast or core drill void to accommodate the luminaire as shown above.
- Ensure a neat hole is achieved.
- Ensure gravel or similar material forms the bottom of the cavity to allow for drainage.

NOTE: Ensure that suitable connection access is available. Round luminaire cable (size 5-10 mm) is supplied. Electrical conduit is recommended.



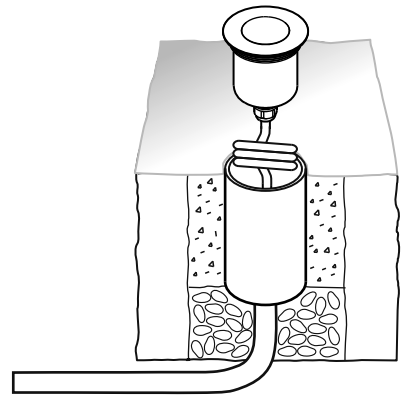
2. Cast collar and sleeve

- Cut concrete block-out sleeve if necessary (minimum overall length is 125 mm)
- Place the sleeve on the gravel bed.
- Ensure that the orientation is as desired.
- Ensure that the collar is flush with the finished floor level.
- Pour concrete. Check that the top surface of the collar is flush with the finished floor level.



3. Connect LED luminaire

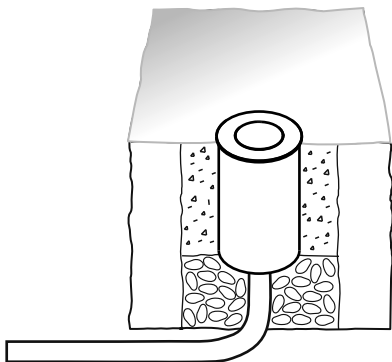
- Feed cable from luminaire into the conduit and back to the supply.
- Ensure sufficient cable is coiled into the PVC pipe to allow the luminaire to be removed for future maintenance.



Power supply must be isolated prior to connection or disconnection of cables.

4. Fasten LED luminaire

- Fit the luminaire into the PVC pipe.
- Ensure that the luminaire is in the desired orientation.



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.



MODEL LS553LED & LS563LED
INSTALLATION TYPE Direct Burial
IP RATING IP68
SUPPLY VOLTAGE 100-240 V AC, 50/60 Hz
 24 V DC Ripple Free Power Supply
 12 V AC Magnetic Transformer
INSTRUCTIONS COVER Single Colour
 Single Colour Dimming (LS563LED only)
 RGB (Integral & Remote Driver) (LS563LED only)

LS553LED & LS563LED Direct Burial

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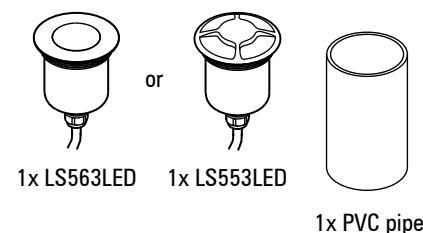
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COMPONENTS



 Before you begin always check luminaire label for correct supply details and lamp type if applicable.

For single colour:

Select a suitable 12 V AC isolating type transformer or 24 V DC ripple free power supply and locate centrally in relation to desired luminaire locations. Use discretion in placement as luminaire can become very hot and may burn. Run conduit and drill/cast holes as specified. Run cables. Check cable sizes and voltage drop on chart.

For Remote RGB (LS563LED 3 W only):

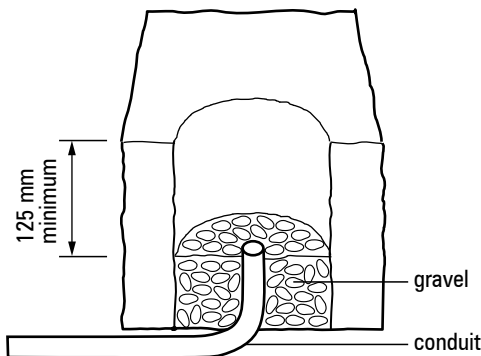
Remote RGB Driver required, such as Lumascap LS67501.

Refer to wiring diagrams in back for details.

1. Hole detail

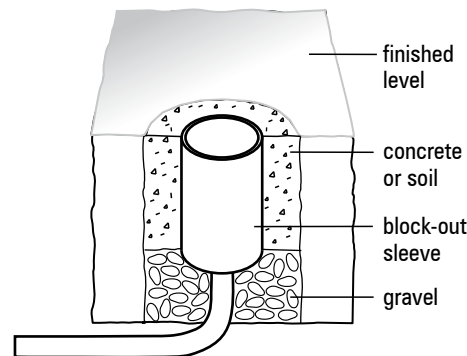
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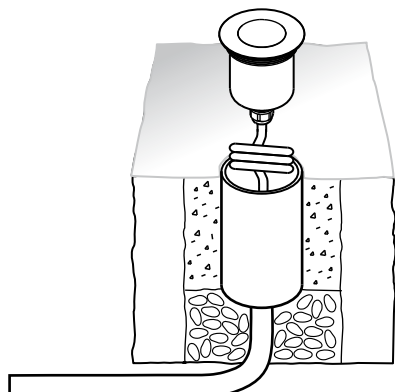
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3. Connect LED luminaire

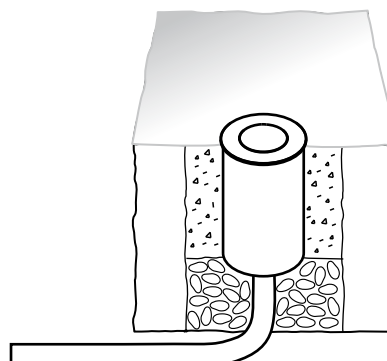
- Feed cable from luminaire into the conduit and back to the supply.
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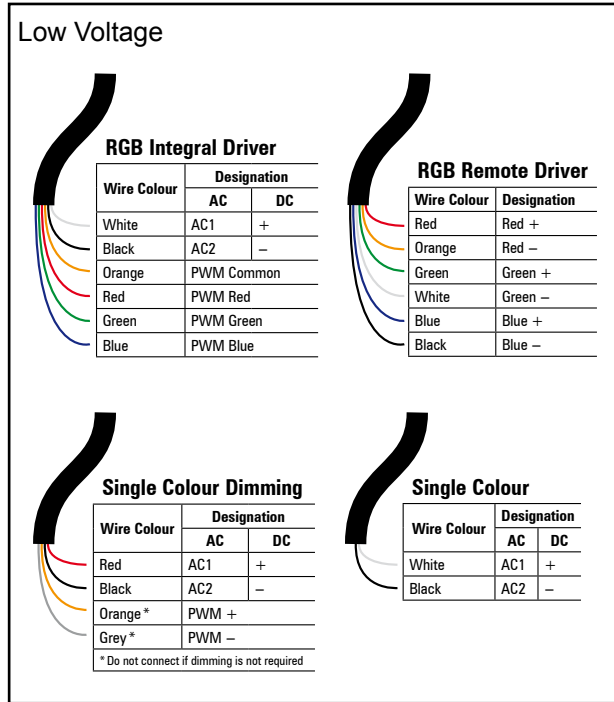
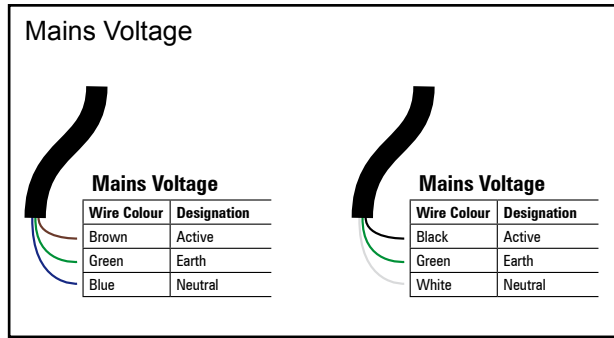
 Power supply must be isolated prior to connection or disconnection of cables. Failure to do so will result in damage to the luminaire components.

4. Fasten LED luminaire

- Fit the luminaire into the PVC pipe.
- Ensure that the luminaire is in the desired orientation.

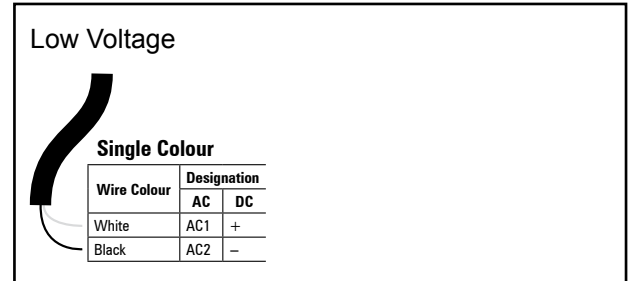
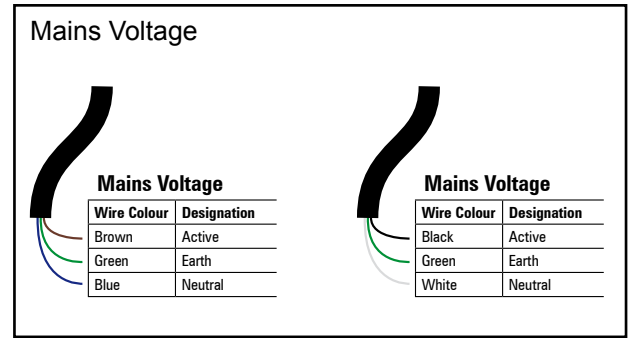


Wiring Diagrams LS563LED



If dimming is not required, do not connect the orange and grey wires. In all cases they are to be sealed and kept dry. Failure to do so will result in the T5 smart driver dimming the luminaire due to a voltage differential between the two conductors.

Wiring Diagrams LS553LED



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

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