



<b>MODEL</b>	LS553LED & LS563LED
<b>INSTALLATION TYPE</b>	LS698-K Pre Install
<b>IP RATING</b>	IP68
<b>SUPPLY VOLTAGE</b>	100-240 V AC, 50/60 Hz 24 V DC Ripple Free Power Supply 12 V AC Magnetic Transformer
<b>INSTRUCTIONS COVER</b>	Single Colour Single Colour Dimming (LS563LED only) RGB (Integral & Remote Driver) (LS563LED only)

## LS553LED & LS563LED Pre Install with LS698-K

Warranty void if not installed as per installation instructions



**DANGER**

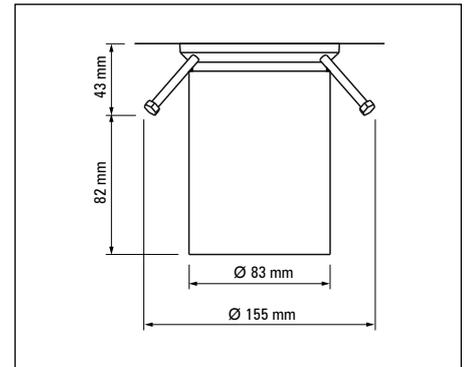
**ISOLATE LUMINAIRE FROM POWER**

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  
 Only LS553LED with eight apertures is 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.



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

#### For single colour:

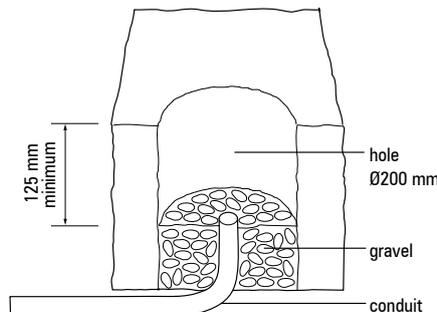
Select a suitable 12 V AC isolating type transformer or 24 V DC ripple free power supply and locate centrally in relation to desired luminaire locations. Use discretion in placement as luminaire can become very hot and may burn. Run conduit and drill/cast holes as specified. Run cables. Check cable sizes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

**For Remote RGB (LS563LED 3 W only):**  
 Remote RGB Driver required, such as Lumascap LS67501.

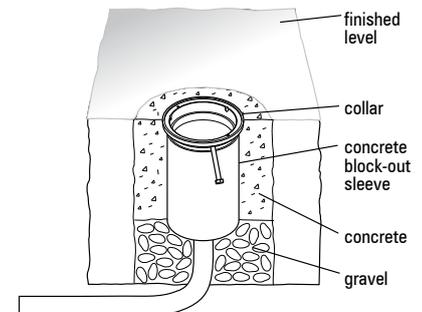
Refer to wiring diagrams in back for details.

- 1. To install luminaire into existing material**
- Cast or core drill void to accommodate the fitting as shown below.
  - Ensure a neat hole achieved.
  - Ensure gravel or similar material forms the bottom of the cavity to allow for drainage.

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

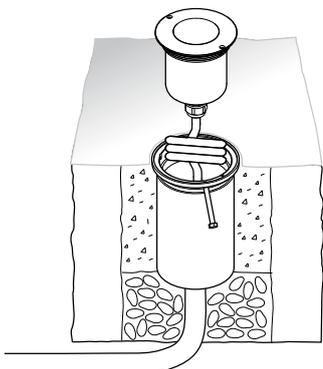


- 2. START HERE: To install luminaire into freshly poured concrete**
- Cut concrete block-out sleeve if necessary (minimum overall length is 125 mm).
- Place the collar and sleeve on the gravel base.
  - Ensure that the orientation is as desired.
  - Ensure that the collar is flush with the finished floor level.
  - Pour concrete. Check that the top surface of the collar is flush with the finished floor level.

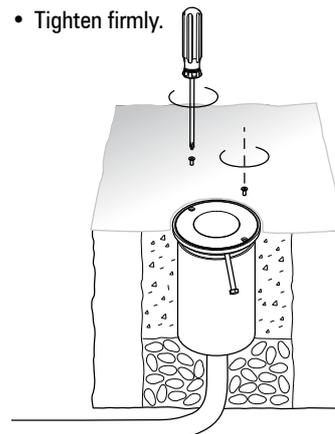


- 3. Connect LED luminaire**
- Feed cable from luminaire into the conduit and back to the supply.
  - Ensure sufficient cable is coiled into the PVC pipe to allow the luminaire to be removed for future maintenance.

- 4. Fasten LED luminaire**
- Place the LED luminaire inside the collar.
  - Ensure that the holes in the luminaire align with the holes in the collar.
  - Use the screws provided to fasten the luminaire into place.
  - Tighten firmly.

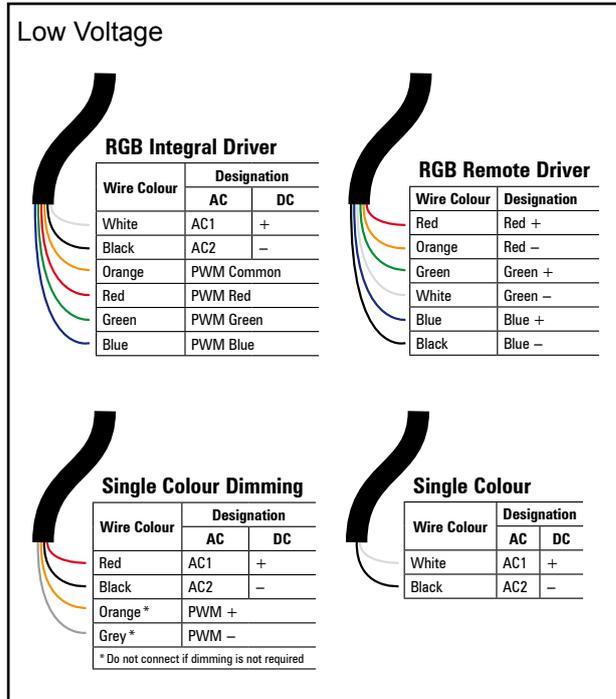
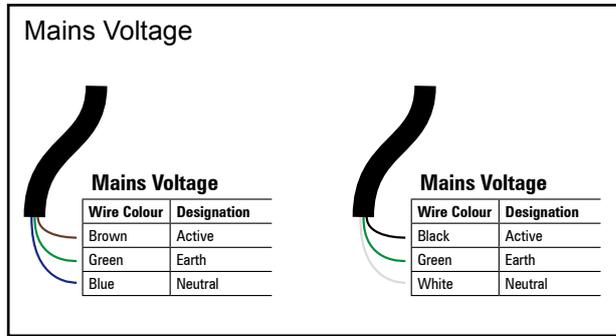


Power supply must be isolated prior to connection or disconnection of cables. Failure to do so will result in damage to the luminaire components.



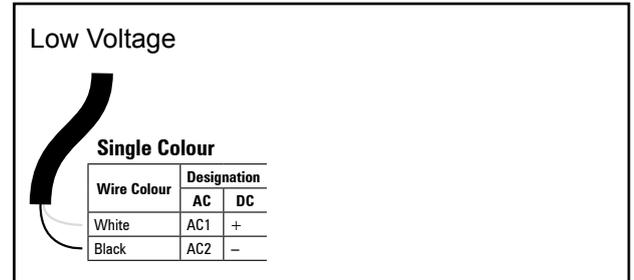
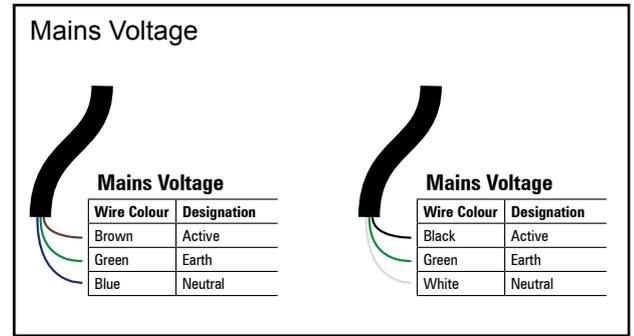
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## Wiring Diagrams LS563LED



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

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[www.lumascap.com.au](http://www.lumascap.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.**