# SENTINEL 12V SPIKE SPOT
# (VERSION 2)

SKU# 220241

Rated Voltage 12V AC/DC

Thank you for purchasing this quality LUCCI product. To ensure correct function and safety, please read and follow all instructions carefully before assembly, installation and use of this luminaire. Please keep instructions for future reference.

**NOTE: This installation instruction applies to the 12V side of the luminaire only.**
**This luminaire is 12V extra-low voltage and can be DIY.**
**Do not plug this luminaire directly into 240V.**
**When working with 240V, a licensed electrician is required.**
**The Lucci wiring kit (SKU# 220826, 220827), Lucci transformer (SKU# 220818, 220819, 220829) are sold separately.**

## Warranty

- This luminaire is covered by a 12 month warranty. The warranty is from date of purchase, not the date of installation.
- Please retain proof of purchase for any warranty enquiries.
- Warranty will be void if there is any damage due to improper usage or modification to the luminaire.
- Failure to comply with the instructions in this manual may increase the risk of damage or injury and will void warranty.

## Installation Requirements

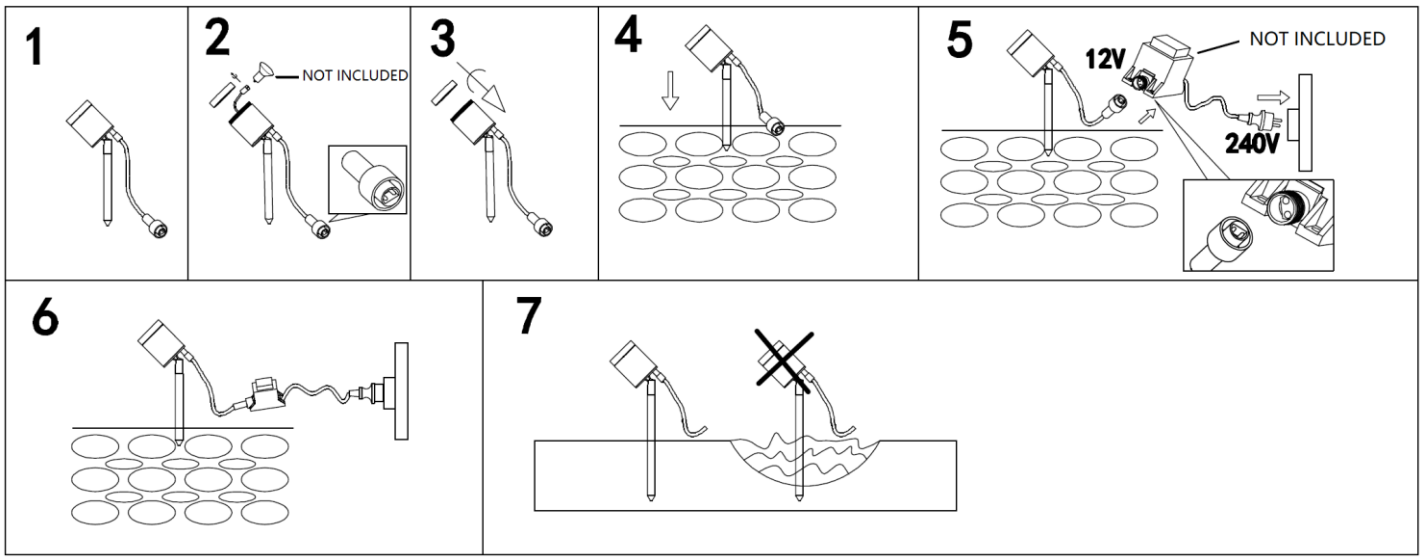
- All wiring and installation of the luminaire must adhere to the latest local and national wiring rules.
  eg. AS/NZS 3000 Electrical installations. If unsure, please contact a licensed electrician.
- Do not exceed the maximum wattage rating.
- This luminaire is rated IP65. This must be maintained during installation.
- Replace any cracked protective lamp shade to maintain IP rating when using this luminaire.
- Select a suitable location for installation:
  - This luminaire is protected against water penetration to IP65 standards, which is against low pressure jets of water from all practicable direction. This must be maintained during installation.
  - The wiring kit and connectors are not suitable for underground installation without protection from water or damp conditions. It is not designed to be immersed in water.
  - The installation location may require a gravel substrate to help with water drainage, to prevent the wiring kit and connectors being submerged in water after heavy rain or from watering the garden.
- Take care not to pull any electrical wires during unpacking as this may damage the connection.
- Lay out all the components on a smooth surface and make sure there are no components missing before assembling. If parts are missing, return the complete product to the place of purchase for inspection or replacement.
- Check whether the luminaire has been damaged during transport. Do not operate/install any product which appears damaged in any way. Return the complete product to the place of purchase for inspection, repair or replacement.
- Ensure power to the circuit you are working on has been switched OFF before commencing any electrical work.

## Installation Directions

1. Remove all packaging material from the product and be careful not to throw away accessories that may be hidden within the packaging material. If assembly is required, place the luminaire on a smooth non-scratch surface.
2. Remove the front cover from luminaire and install a globe (not included). Do not exceed the maximum wattage rating. (Fig.2)
3. Install the front cover back onto the luminaire. (Fig.3)
4. Select a suitable location for installation. See the installation requirement above. (Fig.4)

**USING NEW VERSION 2 LUCCI WIRING KIT AND TRANSFORMERS (both sold separately)**

5. Remove the cover from the connector on the wiring kit (SKU# 220826, 220827 – sold separately).
   Connect the luminaire to the wiring kit. **NOTE: The wiring kit is rated for a 120VA load only.**
   Connect the wiring kit (SKU# 220826, 220827 – sold separately) to the transformer (SKU# 220818, 220819, 220829 – sold separately). **NOTE: The transformers are rated for 80VA, 28VA and 10VA load respectively.**
   (Fig.5 & 6)
   *Proceed to step 6.*




**USING OTHER WIRING AND TRANSFORMER (not included)**

5. Remove the 12V bi-pin connector from the cable for hard wiring or alternative wiring method and power supply system. This luminaire is rated IP65, this must be maintained during wiring and installation.
   Ensure that the wires are secure and no bare wires are exposed. Ensure all wiring and the transformer used are appropriately rated and suitable for the location used. **If unsure, please contact a licensed electrician.**
   Insert the luminaire into the plastic mounting bracket and ensure it is secure and does not come out easily.
   *Proceed to step 6.*

6. Keep the luminaire, the transformer, wiring kits and connector away from pools of water. (Fig.7)
7. Turn the power on and test the luminaire is operating correctly.

## Safety Tips

- Always ensure the power is OFF and the luminaire has cooled down before performing any maintenance, cleaning, changing the globe or making any adjustment to the luminaire.
- The external flexible cable or cord of this luminaire cannot be replaced; if the cable or cord is damaged, the luminaire shall be destroyed.
- To avoid injury or damage to the luminaire, ensure that power leads and screws are secure before connecting the power.
- The luminaire must not be used if the protective shield has been cracked. Replace any cracked protective shield before using the luminaire.
- Ensure that the luminaire does not come in contact with corrosive chemicals/solvents or abrasive cleaners etc.
- To clean, wipe with a damp clean cloth. Do NOT soak or immerse the luminaire in water or other liquids.

## Specifications

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| SKU # | 220241 with version 2 connector |
| Color | 304 Stainless Steel |
| Rated Voltage | 12V AC/DC |
| Rated Wattage | 10W MR16 Globe (LED ONLY) |
| IP Rating | IP65 |
| Weight | 0.5kg |
| Dimensions | H:245mm L:110mm W:60mm Max. |