

# Installation Instructions

## 24V RGB IN GROUND

SKU# 19611, 21754

Rated Voltage 24V DC

Thank you for purchasing this quality **ABODE CHAMELEON** 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 24V DC side of the luminaire only.

**This luminaire is 24V DC 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 ABODE CHAMELEON control box (SKU# 19614), CHAMELEON wiring kit (SKU# 19615, 19616, 19617, 19618), ABODE CHAMELEON transformer (SKU# 19619, 19620, 19621) are sold separately.**

### Warranty

- This luminaire is covered by a 3 year 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.
- 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 Instructions

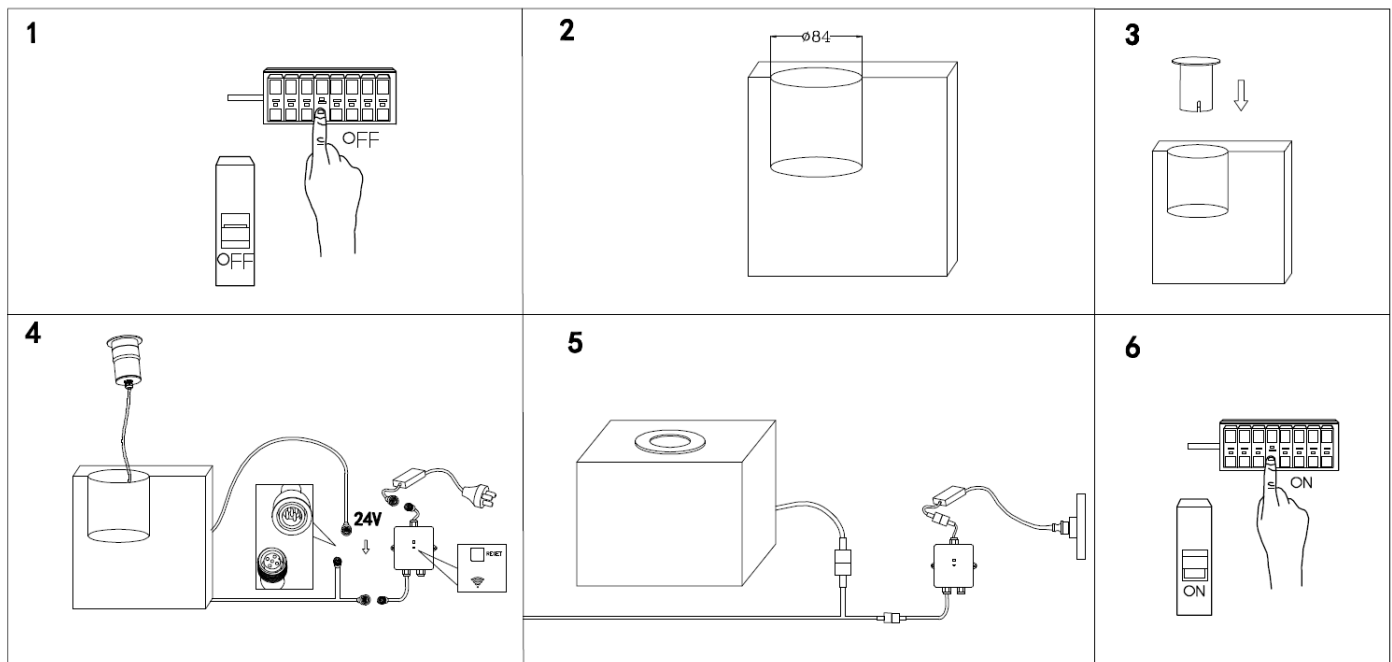
## Installation Directions

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.

### USING ABODE CHAMELEON WIRING KIT AND TRANSFORMERS (both sold separately)

#### Using the LED fitting with moulded box

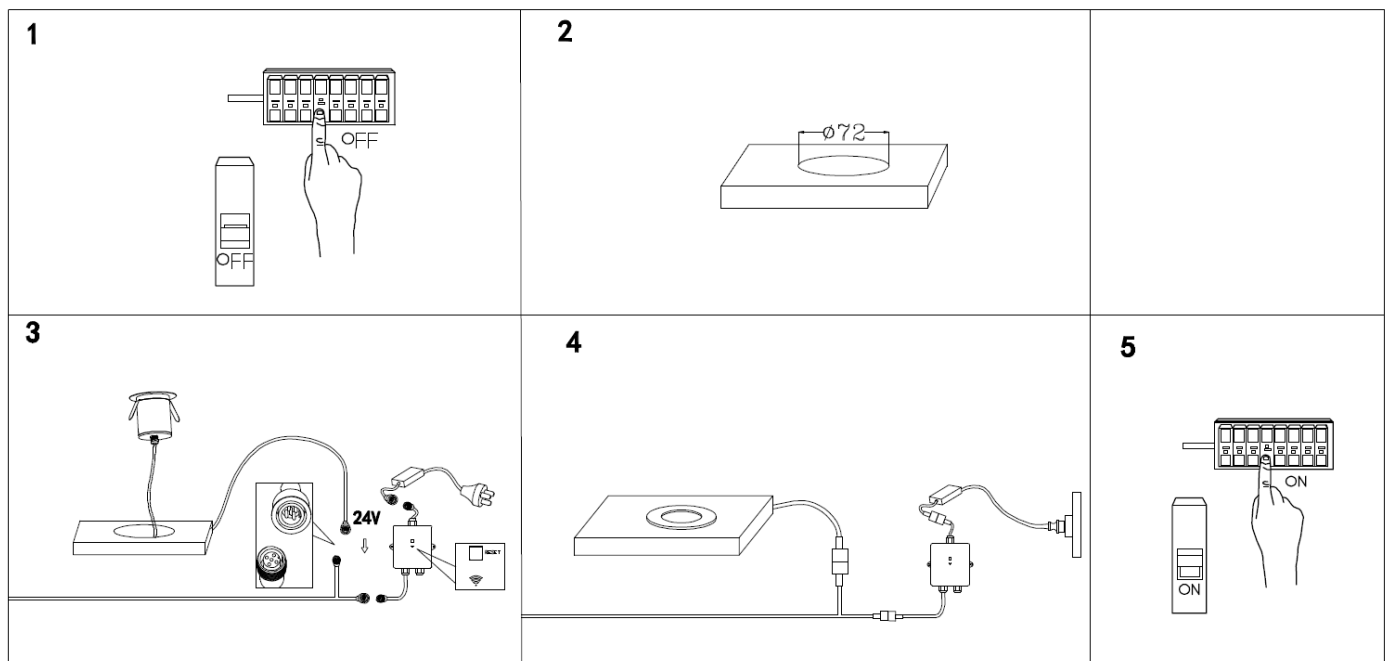
1. Turn off the main supply before installation (Fig.1)
  2. Cut the hole in the installation area according to the cut-out size (84mm) .
  3. Insert the plastic mounting bracket into the installation area. (Fig.3)
  4. Push and secure the luminaire into the plastic mounting bracket. (Fig.4)
  5. Remove the cover from the connector on the wiring kit (**SKU# 19615, 19616, 19617, 19618**– sold separately).  
Connect the luminaire to the wiring kit. **NOTE: The wiring kit is rated for a Max. 150W load only.**  
Connect the wiring kit (**SKU# 19615, 19616, 19617, 19618**– sold separately) to the CHAMELEON control box (**SKU# 19614**).  
Connect the **ABODE CHAMELEON** transformer (**SKU# 19619,19620, 19621**– sold separately).
- NOTE: The transformers are rated for 40W, 75W and 150W load respectively. (Fig.3, 4)**
- NOTE: The total power of the luminaires must be not over the maximum rated power of the CHAMELEON wiring kit, control box, and the transformers.**
- Proceed to step 6.



# Installation Instructions

## Using the LED fitting with springs

1. Turn off the main supply before installation (Fig.1)
2. Cut the hole in the installation area according to the cut-out size (72mm) .
3. Push and secure the luminaire into the installation area. (Fig.4)
4. Remove the cover from the connector on the wiring kit (**SKU# 19615, 19616, 19617, 19618**– sold separately).  
Connect the luminaire to the wiring kit. **NOTE: The wiring kit is rated for a Max. 150W load only.**  
Connect the wiring kit (**SKU# 19615, 19616, 19617, 19618**– sold separately) to the CHAMELEON control box (**SKU# 19614**).  
Connect the **ABODE CHAMELEON** transformer (**SKU# 19619,19620, 19621**– sold separately).  
**NOTE: The transformers are rated for 40W, 75W and 150W load respectively.** (Fig.3, 4)  
**NOTE: The total power of the luminaires must be not over the maximum rated power of the CHAMELEON wiring kit, control box, and the transformers.**  
*Proceed to step 6.*



## USING OTHER TRANSFORMER (not included)

1. Remove the 24V quick connector from the cable of the control box for hard wiring to alternative 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.**  
*Proceed to step 6.*

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- 6 . Ensure the location is with the good water drainage to prevent all parts being submerged in water after heavy rain or from watering the garden.
- 7 Insert the plug into the mains power socket outlet and ensure it is fully plugged in.
- 8 Switch on the power then set up the wireless & in-app control according to the 'ABODE CONNECT user guide'.

**NOTE: Turn on the Bluetooth function of your mobile phone before setting up.**

**NOTE: Check if the luminaires blink for every 2 seconds before setting up. Hold the reset button on the control box or switch the main power on/off for 4 times until the luminaires blink.**

## Safety Tips

- Always ensure the power is OFF and the luminaire has cooled down before performing any maintenance, cleaning, 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

| SKU #         | 19611                                                              | 21754                    |
|---------------|--------------------------------------------------------------------|--------------------------|
| Color         | Stainless Steel                                                    | Stainless Steel in Black |
| Rated Voltage | 24V DC                                                             |                          |
| LED Specs     | 8W, Max.500 lumen, 3000K, CRI > 80, RGB                            |                          |
| IP Rating     | IP65                                                               |                          |
| Cut-out size  | When using springs : Dia: 72mm<br>When using moulded box: Dia:84mm |                          |
| Weight        | 0.5kg                                                              |                          |
| Dimensions    | D: 88mm H: 132mm                                                   |                          |