

# Optical Downlight



## Regulations

To ensure correct functionality and safety please read instructions carefully before using this product. This luminaire complies with AS/NZS 60598.2.1, AS/NZS 60598.2.2A. All wiring and installation of this luminaire must adhere to local and national wiring rules e.g. AS/NZS 3000:2007 Amendment 2:2012 Electrical Installation.

## Tips

1. Always ensure power is off and the fitting has cooled down before performing any maintenance or adjustment to the fitting
2. To avoid injury or damage to the fitting, ensure that power leads and screws are secure before connecting the power

3. Handle the fitting with care to avoid breakage
4. Find a suitable location away from liquids or hazards
5. To clean, wipe with a damp clean cloth. Never soak the fitting with water.

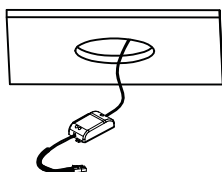
**Note: Please check fitting label to see if fitting is dimmable and if so which type of dimming.**

## Warning

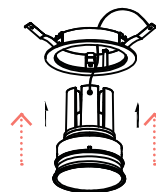
1. Switch off power before installation
2. Switch on only after complete installation and examination of the circuit
3. Only a qualified electrician can install and maintain this fitting
4. Product modification and/or improper installation will void warranty.

## Recessed Installation

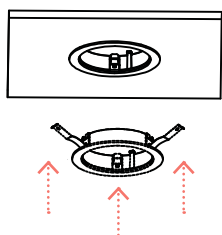
**A.** Make a cut out in accordance with cut out size in schedule.



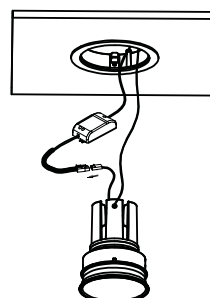
**B.** Remove the frame.



**C.** Hold back spring clips then push frame into the hole. Make sure the frame is fixed tightly in the ceiling.



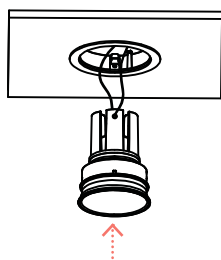
**D.** Connect driver to power and luminaire.



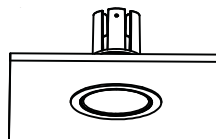
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## Recessed Installation continued

E. Insert luminaire into frame.



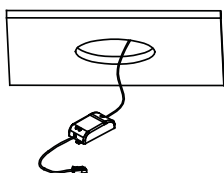
F. Check installation and turn on power.



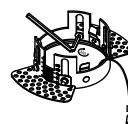
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## Trimless Installation

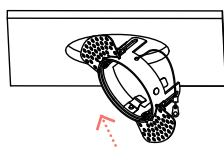
A. Make a cut out in accordance with cut out size in schedule.



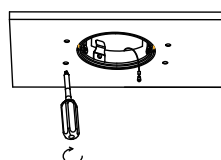
B. Adjust the height of the frame to match thickness of the ceiling. The luminaire's front lip should sit flush with the ceiling.



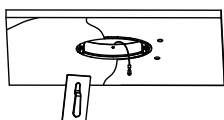
C. Insert the frame into the ceiling. Make sure the frame is fixed tightly in the ceiling.



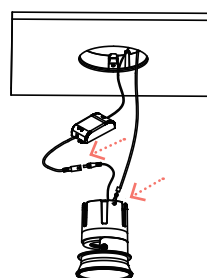
D. Use screws at both ends of the stencil.



E. Plaster screw holes and around edges of the fitting.

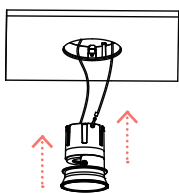


F. Connect driver to power and connect to luminaire. Make sure the safety cable is attached firmly.

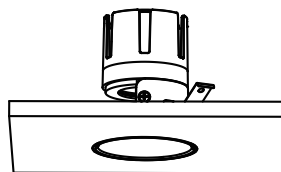


## Trimless Installation continued

**G.** Insert luminaire into frame.



**H.** Check installation and turn on power.



| Model  | Dimensions<br>LxWxH mm | Cutout<br>D mm | Power<br>(W) | CCT (K)                | IP | Voltage (AC)     | Control            |
|--------|------------------------|----------------|--------------|------------------------|----|------------------|--------------------|
| G12DP  | 110 x 70               | 75             | 12           | 2700, 3000, 4000, 5000 | 20 | 220-240V 50,60Hz | Triac, 1-10V, DALI |
| G12DRW | 88 x 108               | 75             | 12           | 2700, 3000, 4000, 5000 | 20 | 220-240V 50,60Hz | Triac, 1-10V, DALI |
| G12DSP | 88 x 108               | 75             | 12           | 2700, 3000, 4000, 5000 | 20 | 220-240V 50,60Hz | Triac, 1-10V, DALI |
| G12DSW | 88 x 108               | 75             | 12           | 2700, 3000, 4000, 5000 | 20 | 220-240V 50,60Hz | Triac, 1-10V, DALI |
| G12DE  | 105 x 108              | 90             | 12           | 2700, 3000, 4000, 5000 | 20 | 220-240V 50,60Hz | Triac, 1-10V, DALI |
| G12DRA | 82 x 83                | 70             | 12           | 2700, 3000, 4000, 5000 | 20 | 220-240V 50,60Hz | Triac, 1-10V, DALI |
| G12DSA | 82 x 83                | 70             | 12           | 2700, 3000, 4000, 5000 | 20 | 220-240V 50,60Hz | Triac, 1-10V, DALI |
| G12DTA | 71 x 112               | 76             | 12           | 2700, 3000, 4000, 5000 | 20 | 220-240V 50,60Hz | Triac, 1-10V, DALI |
| G12DTN | 71 x 112               | 76             | 12           | 2700, 3000, 4000, 5000 | 20 | 220-240V 50,60Hz | Triac, 1-10V, DALI |
| G12DIP | 88 x 108               | 75             | 12           | 2700, 3000, 4000, 5000 | 54 | 220-240V 50,60Hz | Triac, 1-10V, DALI |
| G33DTA | 116 x 169              | 122            | 33           | 2700, 3000, 4000, 5000 | 20 | 220-240V 50,60Hz | Triac, 1-10V, DALI |
| G33DTN | 116 x 169              | 122            | 33           | 2700, 3000, 4000, 5000 | 20 | 220-240V 50,60Hz | Triac, 1-10V, DALI |
| G33DN  | 124 x 158              | 110            | 33           | 2700, 3000, 4000, 5000 | 20 | 220-240V 50,60Hz | Triac, 1-10V, DALI |
| G33DA  | 145 x 161              | 130            | 33           | 2700, 3000, 4000, 5000 | 20 | 220-240V 50,60Hz | Triac, 1-10V, DALI |
| G42DTA | 142 x 184              | 148            | 42           | 2700, 3000, 4000, 5000 | 20 | 220-240V 50,60Hz | Triac, 1-10V, DALI |
| G42DTN | 142 x 184              | 148            | 42           | 2700, 3000, 4000, 5000 | 20 | 220-240V 50,60Hz | Triac, 1-10V, DALI |
| G42DA  | 165 x 152              | 150            | 42           | 2700, 3000, 4000, 5000 | 20 | 220-240V 50,60Hz | Triac, 1-10V, DALI |