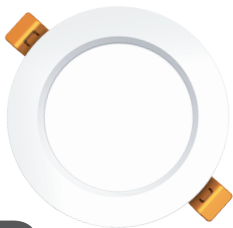


[GEM] LED DOWNLIGHT USER MANUAL



This product must be installed by a licensed electrician



Driver



Front Face

DISCLAIMERS

1. This product must be installed by a licensed electrician and used as per these instructions.
2. This product contains no serviceable parts and no attempt should be made to repair this product. If the product is faulty it should be returned or discarded.
3. This product is not suitable for installation in hazardous and/or corrosive areas.
4. Electrical installations periodically receive transient over voltages. This product has been designed to minimise the effect of such voltages on connected equipment. It may not give full protection for extreme over-voltage transients such as those resulting from a close lightning strike.
5. This product utilises intellectual property in the form of registered designs, trademarks, and/or patents. Such intellectual property remains the property of Teknik Lighting Solutions PTY LTD in all cases.
6. This product has been designed to operate in ambient temperatures: -20°C to 25°C.
7. Teknik reserves the right to modify the specification of this product at any time.

CAUTION

1. Read the entire manual carefully before installation and operation.
2. The "Warranty Period" is three (3) years. If the product fails or becomes defective when used and installed in accordance with this user manual within the warranty period, TEKNIK will repair or replace the product at its sole discretion.
3. Declared lumen output is based upon measurements obtained during operation on the appointed LED Electronic Driver under standardised laboratory conditions.
4. Use solid copper wire of 18 AWG (minimum) for the input terminal extension.
5. This product contains no usable or serviceable parts
6. When the LED light is in operation, the body temperature may rise up to 60°C.
7. While the product is tested on a range of dimmers, Teknik Lighting is not responsible for third party dimmable compatibility. Please visit our website or contact us for a full list of compatible dimmers.

Teknik Lighting Solutions Pty Ltd
ABN: 44 608 397 913
Tel: 1300 313 780
www.tekniklighting.com.au

Teknik Lighting encourages recycling of packaging and components. Please consider the environment when disposing of these items.



INTRODUCTION

Thank you for selecting our TEKNIK [GEM] LED Downlight. Please ensure that you Install and use the product according to the below instructions. Failure to follow these instructions may void the warranty. Teknik Lighting Solutions Pty Ltd will not be liable for inappropriate use, incorrect installation or any associated damage caused by incorrect installation or usage of the product.

INSTALLATION DIAGRAM

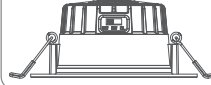
Please ensure the power supply is switched off prior to installation.

1. Please refer to dimensions for appropriate cutout size for each model

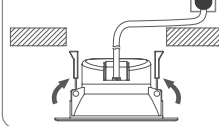


2. Select desired colour temperature utilising the colour-selection switch.

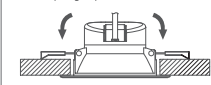
Caution
Ensure power is switched off before the CCT selection is made



3. Fold spring clips upwards and insert into ceiling cut-out



4. The spring clip will return and lock



Luminaire is IC-4 compliant and can be covered and abuted by insulation

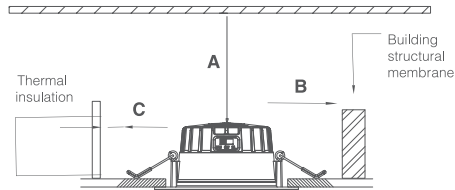
Install Requirements

A - Height clearance to building element 0mm

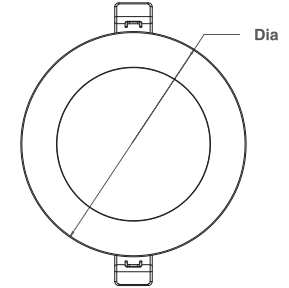
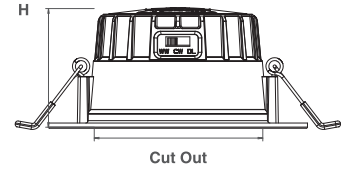
B - Side clearance to building element 0mm

C - Minimum insulation clearance 0mm

D - Side clearance to insulation 0mm



DIMENSIONS



| Model # | Dia (mm) | H (mm) | Cut Out(mm) |
|---------------|----------|--------|-------------|
| DG-35-8S120 | Ø108 | 50 | 90 |
| DG-35-8S120-F | Ø108 | 50 | 90 |

SPECIFICATIONS

| | DL (5700K) - CW (4000K) - WW (3000K) | | |
|-----------|--------------------------------------|-------|-------|
| 8W | 720lm | 750lm | 700lm |

PRODUCT FEATURES

- > Up to 70% energy saving*
- > Long 25,000 hour lifetime
- > Dimmable when using Triac dimmer
- > 110° wide beam angle
- > High CRI ≥80
- > Flex and plug for simple installation
- > Weatherproof IP44 (applies to product fascia, Driver rating IP20)
- > Zero mercury, ultraviolet or infra-red
- > 3 year warranty
- > Luminaire made from plastic coated aluminium for flame resistant characteristics

* When compared to Halogen or CFL downlights