

AMBIUS

Fire Rated Downlight

12W LED

IC-F
ABUTTED &
COVERED



● COLOUR CHANGING SWITCH

3K

4K

6K

COLOUR CHANGING SWITCH



950
LUMENS



FIRE RATED
60 MINUTES



88mm
CUTOUT



DIMMABLE



IP65

ADLFR12W110-3T

Q5070610

BEFORE STARTING PLEASE NOTE THE FOLLOWING:

- *This product can be fully covered by insulation material.*
- *Insulation material as noted below can abut and cover this luminaire.*
- *This product is suitable for use with building insulation that can safely be continually exposed to temperatures up to 90°C and must withstand a 30 s needle flame test carried out in accordance with AS/NZS 60695.11.5 with the flame applied to all surfaces of the sample.*
- *Glass fibre insulation is a suitable insulation for use abutting and covering this luminaire.*
- *Loose fill insulation as defined in NZS 4246 is not permitted to abut or cover this luminaire.*
- *This product is intended for indoor and outdoor (covered) use.*

LUMINAIRE SPECIFICATION

Model No: ADLFR12W110-3T

Rating: IC-F

Wattage: 12W

Installation Hole Diameter: Not less than 88mm

Colour temperature: Switchable 3000k / 4000k / 6000K

IP Rating: IP40 for parts inside ceiling

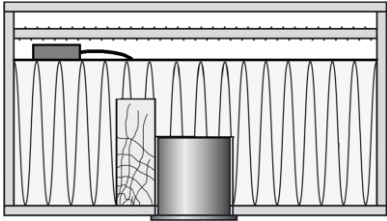
IP Rating: IP65 for parts outside ceiling

Input Voltage: 220 ~ 240 Volts 50Hz

Fire Rated: Standard --- / 60 / 60 (using 60 min rated GIB to NZ Building code construction)

Installation

BUILDING ELEMENT CLEARANCES FOR RECESSED LUMINAIRES



- ** Minimum insulation clearance (**MIC**) – from insulation to building element above
- ** Side clearance to building element (**SCB**) = 0mm
- ** Height clearance to building element (**HCB**) = 0mm from top of luminaire to building element above

This Downlights has been tested and certified to AS1530.4:2014 construction standard for both integrity and insulation resistance.

The product has FRL: --- / 60 / 60 using (60 min) rated GIB using NZ Building Code construction.

As this approval relates to a specific building construction, please contact your Fire Engineer or Architect for your specific Fire Rating design requirements.

SAFETY NOTICE:

If you have any doubts about your ability to conduct the wiring work safely or about the method of installing light fittings, please employ a licensed electrical worker to carry out the installation for you. Failure to wire incorrectly may result in electric shock injury or a fatality to yourself or a member of your family.

The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

If the external flexible cord or cable of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent, or similar qualified person in order to avoid a hazard.

This type of IC-F recessed luminaire can be abutted and covered with thermal building insulation with a minimum temperature rating of 90°C.

Downlights are only to be mounted in ways that comply with current AS/NZS specifications & building regulations.

CAUTION:

Recessed luminaires and their auxiliary equipment may pose a risk of fire or damage to property if not installed and maintained correctly.

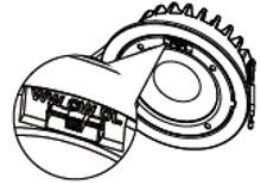
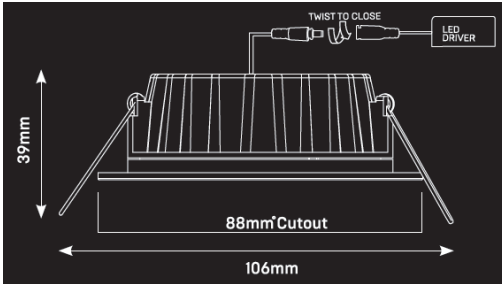
INSTALLATION:

ISOLATE (TURN OFF) MAINS SUPPLY BEFORE CONNECTING THE DOWNLIGHT.

1. It is prohibited to cut or notch joists, beams, rafters and ceiling battens
2. Cut a 88mm hole in diameter into the ceiling
3. For Fire Rated installations use 1 layer of 16mm, 60 minute fire rated GIB
4. To pre-wire: open the cover on the driver box to expose terminal block. Use a small flat head screw driver to do this.
5. The terminal block require a standard size screw driver.
6. Connect the power cable from the mains, into the 220V-240V input terminals (N, Neutral, Blue), (L, Live, Brown). Ensure that any connection made complies with New Zealand Electrical Wiring rules AS/NZS 3000. Connections to be secure.
7. Close the terminal cover and ensure it is firmly seated over the power input cable. The driver cover should clamp the supply cable to hold it securely in place, be careful not to over-tighten and damage the supply cable.
8. Lift up springs, hold back and insert luminaire.
9. Once luminaire is installed fix the magnetic fascia.
10. Ensure that any existing insulation material is in accordance with the specifications above
11. Do not swap the LED Driver for any other model, it is specific to the integrated LED downlight as supplied.

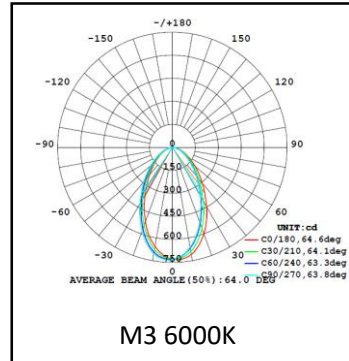
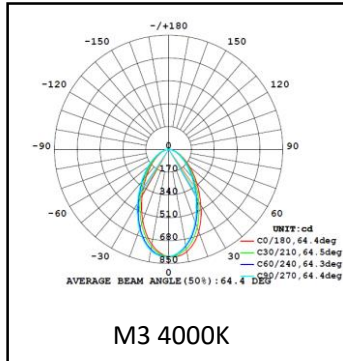
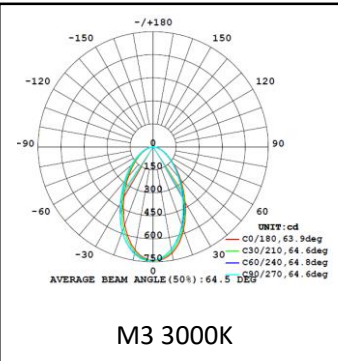
AMBIUS

Model No: ADLFR12W110-3T



Select the desired colour temperature 3000k/4000k/6000k via the switch as shown.

PHOTOMETRICS



Other features available within the AMBIUS range

There is a product within the AMBIUS range to suit almost every application. New builds, retrofit, task, designer. We have you covered.



INTERCHANGEABLE FASCIAS

There are over 8 different fascia finishes available for various downlight models.



COLOUR TEMPERATURE

The range includes options in 3K/4k/5k/6k colour temperatures. Some models can be changed with the flick of a switch.



HIGH CRI

High CRI for exceptional colour rendering.



FIRE RATED

Where specification calls for a fire rated downlight the Ambius range also includes a fire rated product.



ABUTTED AND COVERED

All Ambius downlights can be covered with insulation and on many models zero clearance to building materials.



QUICK CONNECT

This is a feature on a number of downlights for quick and easy wiring.



PRE-WIRE

The Ambius range includes low profile product with independent drivers which can facilitate a pre-wire option.



DOCUMENTATION

All Ambius product is rigorously tested to meet NZ standards and supplied with appropriate documentation.

Warranty

WARRANTY. 3 Years on Driver. 3 Years on Fitting .

- ✓ The Warranty for this fitting is from the date of purchase and against defects in the material and /or workmanship.
- ✓ This warranty is subject to the product being installed, wired, operated and used in accordance with the instructions and specifications.
- ✓ Any alterations or modifications made to the product without permission will void the warranty
- ✓ Particulars of any potential fault / defect must be notified within 28 days of any fault / defect being detected
- ✓ Ambius will at its discretion repair, replace or refund any product found to be defective.
- ✓ The cost of replacement or repair of a defective product is limited to the price of the product only.

PLEASE KEEP YOUR RECEIPT AS THIS WILL HELP VERIFY YOUR WARRANTY.

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Phone 1300 465 324

info@cdbgoldair.com.au

(IMPORTANT: Please complete and retain this warranty card)

Name

Address

Place Of Purchase

Date Of Purchase

Name Of Product

Model Number

Attach a copy of the purchase receipt to this warranty card