

AMBIUS

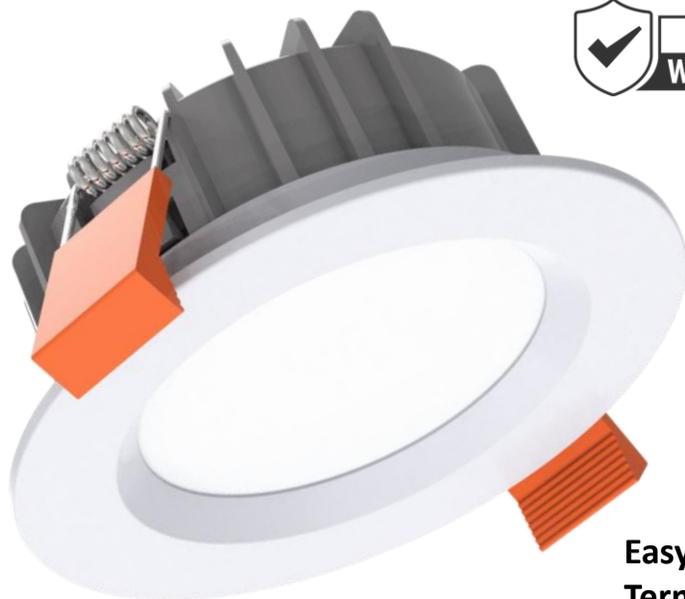
INSTALLATION & OWNER MANUAL

DOWNLIGHT 10W 120MM

ADL120
Q5071170

3000K

4000K



Easy Access Large
Terminals



Twist connection
to driver
(included)

The Ambius drivers are
included & can easily be
changed for either Ambius
Dali or Casambi drivers.
(Purchased separately)

Compliant with

CASAMBI

Ambius Driver Code: ADLCAS



Ambius Driver Code ADLDALI

SPECIFICATIONS:

Model: ADL120

Power Output: 10 Watt

Lumens: 1000

CRI: 96

Blue Light: Filtered

Dimmable Driver: Included

Adjustable Colour Temp: 3000K / 4000K

Beam Angle: 100 degrees

UGR: 22-24

Cut-out: 90mm

Material: Aluminium, PC

IP Rating: IP65 front facing, IP20 rear

Casambi & Dali Compliant: Driver
purchased separately

Estimated Lifespan: L80 50,000hrs

Classification IC-F

Input Voltage: 220-240Vac ~50Hz

Complies with: AS/NZS 60598-2-1

Installation Diameter: *Not less than 90mm
(refer fascia size for maximum coverage for
retrofit installations)*



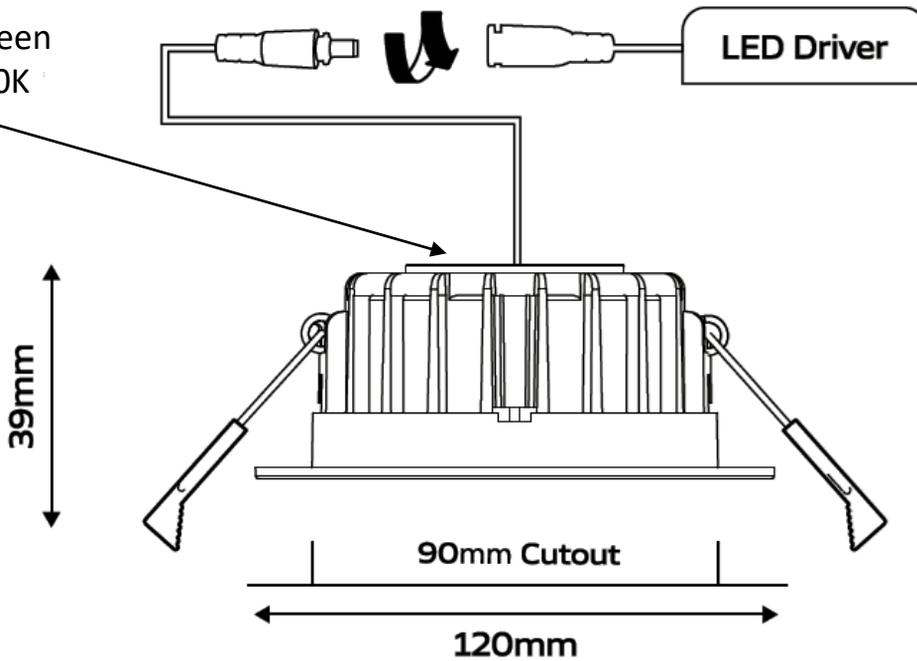
PLEASE READ AND UNDERSTAND ALL WARNINGS, CAUTIONS AND OPERATING INSTRUCTIONS IN THIS MANUAL BEFORE USING THIS EQUIPMENT. Failure to follow all instructions may result in electric shock, fire and/or serious personal injury.

DIMENSIONS AND FEATURES

Colour Temperature Switch

Choose between 3000K & 4000K

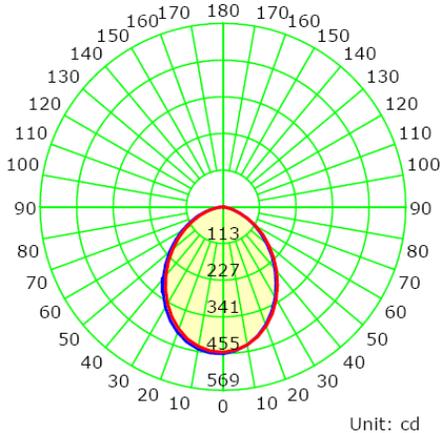
Twistlock Connection



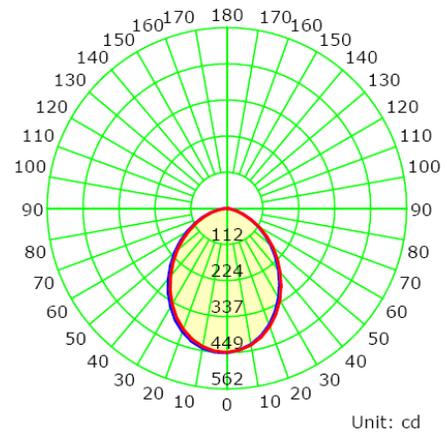
PHOTOMETRICS

— C0-C180 — C90-C270

3000K



4000K



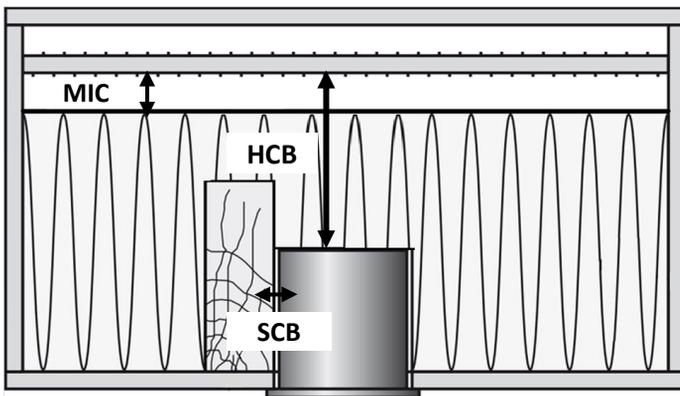
BEFORE STARTING, PLEASE NOTE THE FOLLOWING:

- *This product is intended to 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 must withstand a 30s 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 & covered outdoor use; however, the driver must always be installed indoors.*

SAFETY WARNINGS

- Always read the instructions carefully before installation, failure to do this could result in damage to the product, property or harm to the installer.
- This product should be installed by a licensed electrician in accordance with the Australian / New Zealand Wiring Rules AS/NZS 3000.
- Do not immerse any part of the light fitting in water or any other liquids.
- Regularly inspect the light fitting to ensure that no damage has occurred, if damage is found cease use and replace.
- Do NOT attempt to modify this fitting in any way.
- The LED Driver and LED module is not replaceable.
- Do not stare directly into the lights. Prolonged exposure to bright lights could harm your eyes.
- This device should not be used by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge unless they have been given supervision or instruction concerning use of this appliance in a safe way and understand the hazards involved.
- Keep this product out of reach of children.
- This device is not intended for commercial, industrial or trade use.

INSTALLATION LOCATION



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

BUILDING ELEMENT CLEARANCES FOR RECESSED LUMINAIRES

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

Downlights can be installed in timber ceilings and come into contact with normally flammable Building Material. (ie material having ignition temperature of at least 200deg).

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

INSTALLATION

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

1. Cut a hole minimum of 90mm in diameter into the ceiling (It is prohibited to cut or Notch Joists, Beams, rafters and Ceiling Battens).
2. Open the remote terminal cover to expose the terminals.
3. Connect the power cable from the mains to the terminals (N, Neutral, Blue), (L, Live, Brown). This product does not require an earth connection; however, we provide an earth loop (Middle terminal).
4. Ensure that any connection made complies with New Zealand Electrical Wiring rules AS/NZS 3000. Connections should be secure.
5. Close the terminal cover and ensure it is firmly seated over the power input cable. The cover should clamp the supply cable to hold it securely in place, be careful not to over-tighten and damage the supply cable.
6. Connect the terminal block to the downlight.
7. Lift up springs, hold back and insert luminaire.
8. Ensure that any existing insulation material is in accordance with the specifications.

WATER INGRESS

This product is rated IP65, and suitable for exterior installations. The product must not be exposed to conditions beyond IP65 protection, this includes during cleaning e.g. water blasting, chem wash etc.

DIMMING

This LED down light can be used in conjunction with Universal, Trailing and Leading Dimmers. It is the installers responsibility to ensure that the dimmer selected is compatible with the characteristics of the light.

DISPOSAL

When this fixture is no longer used or required it should be disposed of with household waste. We recommend completing this in the most environmentally friendly way. Please recycle where facilities exist in your local area. Check with your council authority for recycling advice.

Recycling of packaging materials reduces the need for landfill. Please recycle packaging where possible. Check with your local council authority for recycling advice.

CARE AND CLEANING

To clean wipe exterior with a slightly damp cloth.
Do not immerse in water.

PROOF OF PURCHASE

Please retain your purchase receipt for all warranty claims

WARRANTY

Your product is warranted against faults and manufacture defects when used as per instruction for a period of **five years**.

We undertake to replace this product at no charge if found to be defective due to a manufacturing fault during the warranty period. This warranty excludes damage caused by misuse, neglect, shipping accident, incorrect installation, or work carried out by anyone other than a qualified electrical service technician. It also excludes liability for discolouration of paint or plastic, or any user serviceable parts. It does not confer any rights other than those expressly set out above and does not cover any claims for consequential loss or damage.

If your product fails to operate satisfactorily, please return it to the retailer from whom it was purchased to obtain a repair or replacement product. You will need to produce satisfactory evidence of date of purchase. If the product is to be replaced (cannot be repaired) then that replacement will be of the same or similar product or accessory excluding packaging, instruction card etc.

In New Zealand product is covered by the Consumers Guarantee Act (1993). In accordance with the act consumers are advised that: The manufacturer does not undertake that repair facilities and parts are necessarily available for this product.

In Australia, our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

KEEP IN A SAFE PLACE FOR FUTURE REFERENCE

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