

AMBIUS

Mini Downlights



Ambius Mini Downlight Range with one driver running up to 6 downlights is a very cost-effective way to install multiple light fittings.

Range Includes:



Fixed - AMDLFIX



Eyeball - AMDLTLT



Eyelid - AMDLEYE



IP65 - AMDLIP



Cabinet - Recessed or Surface Mounted - AMDLCAB

Each downlight comes with 20cm cable & plug.

For convenience 4-piece kits with Mini Downlights, leads and drivers are also available on some models. Two additional Mini Downlights can be added to these kits.

The 36W driver (AMDLD6) comes with easy, quick termination terminal block and a 6-plug adapter for connection to Mini Downlights.

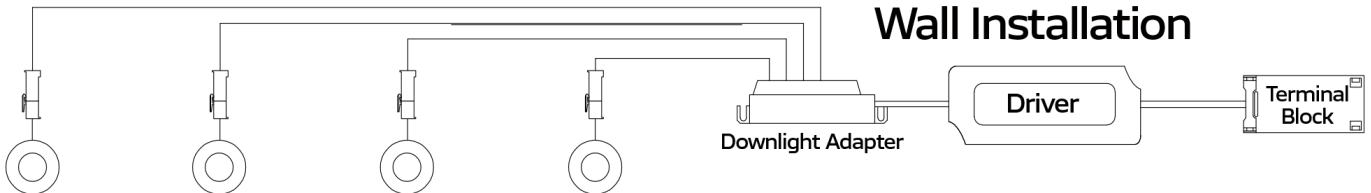
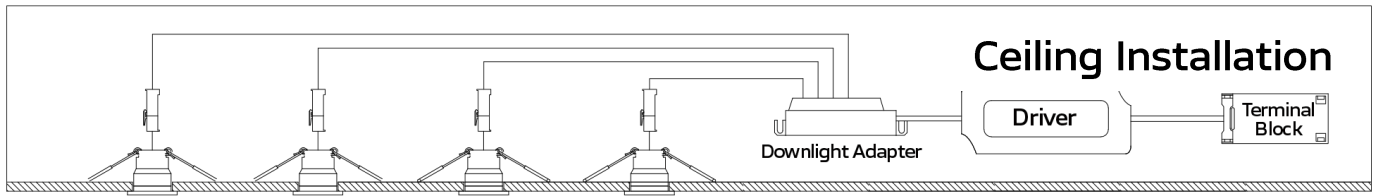
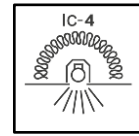


5-meter extension cables (AMDLCAB5) are available which can be joined together (up to 20M) if required.



INSTALLATION

Ambius Mini Downlights can be easily installed into both ceilings or walls. All components can be installed under insulation.



Ensure power to the circuit is isolated for the duration of the installation and all packaging materials are fully removed.

Step 1

Establish where you want your lights and the most convenient position for the driver. Calculate how far each light will be from the driver and purchase appropriate Qty of 5M plugged cable (max dist 20m per light). Rough the cable accordingly to the proposed location for the downlight. The Plug on each lead requires a 15mm hole to be able to pass through any structure

Step 2

Now that you know the position for each light refer to the table on **page 2** for the appropriate hole/cutout size required.

Disconnect any power supply and plug the downlight into any leads required and insert the downlight using the spring clips.

Step 3

Liven the circuit. Your lights should come on.

Note: the lights are NOT DIMMABLE unless via the Remote (AMDREM purchased separately)

Mini Downlight Driver - AMDLDR

The Ambius Mini Down Light Driver is required for operation of the Ambius Mini Downlights. (driver included in the 4-piece kits).

This 36W driver comes with Quick Connect terminal block and a pre fitted adapter to enable connection to up to 6 x 3W Mini Downlights using plug in leads (AMDLCAB5). The driver is capable of dimming using the Remote (AMDREM purchased separately) using the wireless 2.4Gz connection

Optional Remote Function - AMDLREM

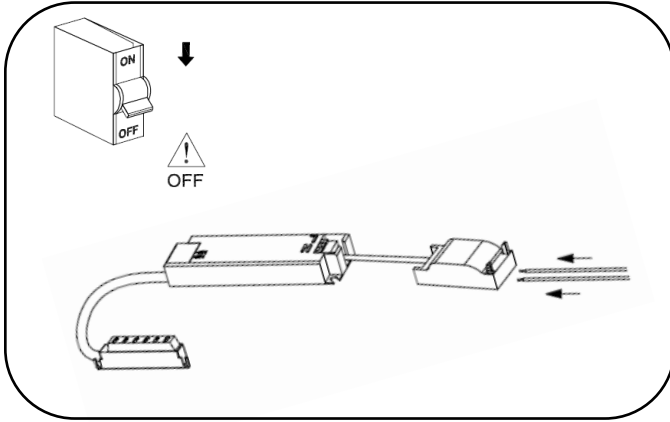
Ambius Mini Down Light Remote AMDLREM is available. This Remote will enable 2.4Gz connection to each driver and can control on /off function as well as dimming across multiple drivers. It Can also be used to preset the light level of lights on a driver (dimming). The driver will then continue to have the lights at this level when turned on - until re set.

(refer the Instruction manual for full details on the AMDLREM)

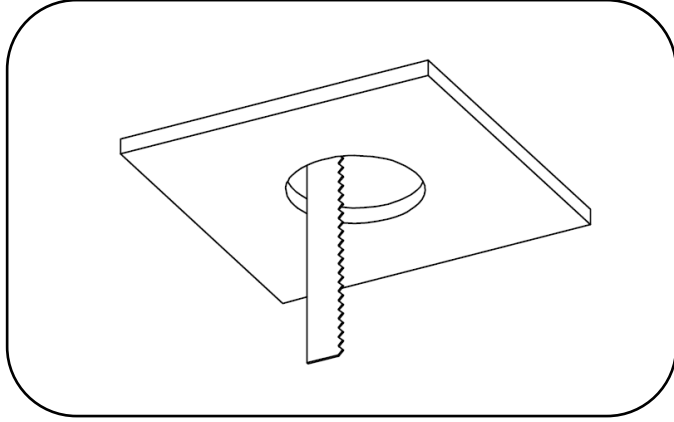
INSTALLATION - QUICK GUIDE

Ensure power to the circuit is isolated for the duration of the installation.

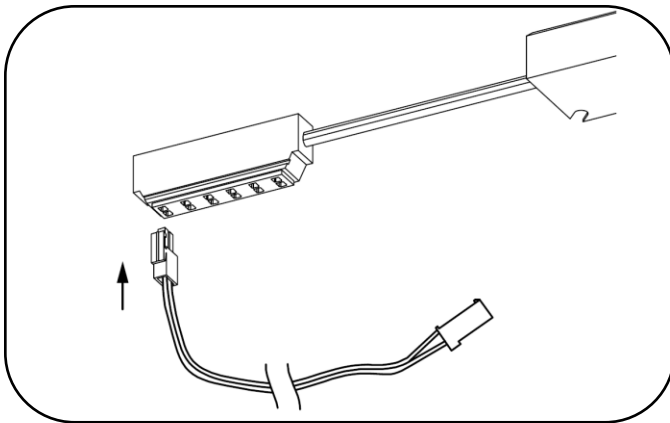
1. Establish where you want your lights and the most convenient position for the driver. Connect Driver to power supply.



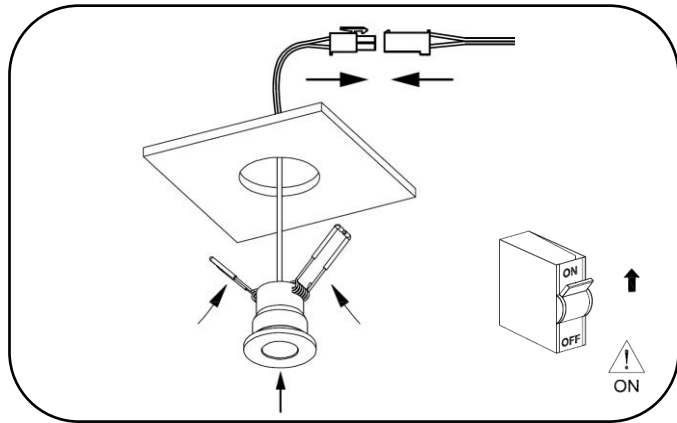
2. See page 2 for the appropriate hole/cutout size for your light. Measure twice before making any cuts.



3. Connect up to 6 lights to the driver.



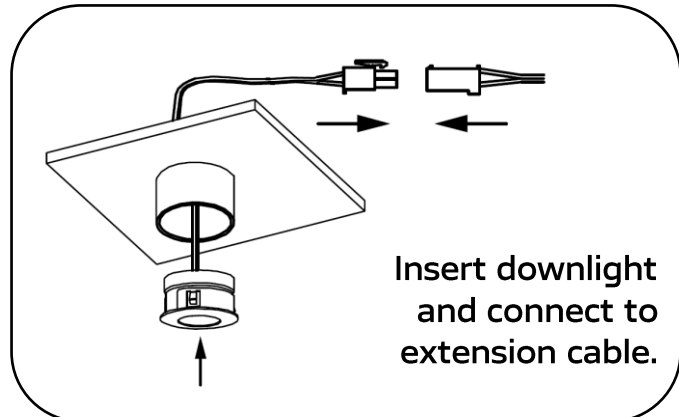
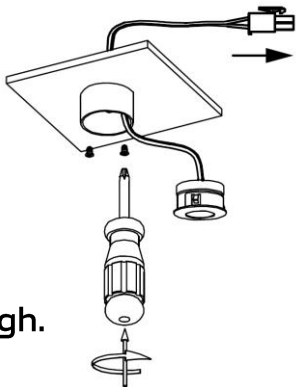
4. Insert Downlight using spring clips and turn on power.



Surface Mounted Cabinet light - AMDLCAB

Attach Face Plate
Using screws
Provided.

N.B. A 15mm Hole
Is required for the
Plug to pass through.



LIGHT SPECIFICATIONS

Wattage	3W Integrated LEDs
Colour Temp	3,000K
CRI	90+
Lifespan	L80 B10 59,000 hours
Material	Aluminium
Power Input	12V 270mA, 3W
Warranty	5 Years



3000K

Model No	Pronto Code	Lumens	UGR	IP Rating	Cut Out	Diameter	Height
AMDLCAB	Q5071220	200-250	22-23	IP44	28mm Recess Mount	40mm	26mm
AMDLCAB4PK	Q5071230	200-250	22-23	IP44	28mm Recess Mount	40mm	26mm
AMDLFIX	Q5071240	200-250	20	IP44	32mm	40mm	35mm
AMDLFIX4PK	Q5071250	200-250	20	IP44	32mm	40mm	35mm
AMDLP	Q5071270	200-250	22-23	IP65	28mm	36mm	44mm
AMDLP4PK	Q5071280	200-250	22-23	IP65	28mm	36mm	44mm
AMDLEYE	Q5071260	100-150	22-23	IP65	28mm	36mm	36mm
AMDLTLT	Q5071290	200-250	20	IP44	36mm	45mm	39mm

CABLE AND DRIVER SPECIFICATIONS

Model	Pronto Code	Description	IP Rating	Power
AMDLCAB5	Q5071310	5M EXTENSION CABLE	IP20	300V, 0.75m ²
AMDLD6	Q5071320	DRIVER	IP20	Input : 90-265V 50/60Hz 0.35A, Output: DC12V Max 3A

Note: Each driver is equipped with 6 ports, and the maximum current of each port shall not exceed 2A.



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.

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 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.

BEFORE YOU BEGIN

- ***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.***

WATER INGRESS

These Mini Downlights are rated either IP44 or IP65 and are suitable for exterior installations. The product must not be exposed to conditions beyond this protection, this includes during cleaning e.g. water blasting, chem wash etc. **NB:** Drivers and plugs are **NOT IP** rated

CARE AND CLEANING

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

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.

PROOF OF PURCHASE

Please retain your purchase receipt for all warranty claims

5 YEAR 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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