**AMBIUS** **DOWNLIGHTS**

# AMBIUS DOWNLIGHT RANGE

Over the past 8 years the Ambius Downlight range has become the Number 1 range of Downlights in NZ for reliability and price. Made specifically for the NZ market, it is manufactured by New Zealanders for New Zealanders. The range continues to evolve to meet the ever-changing needs of you, the customer, and the market. The following outlines the range, which includes improvements in performance and aesthetics along with practical modifications, while maintaining awareness of price points.



**FIRE RATED**

## FEATURES AVAILABLE IN THE DOWNLIGHT RANGE:
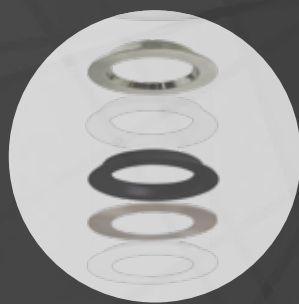
**INTERCHANGEABLE FASCIAS**
There are over 8 different fascia finishes available for various downlight models.

**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.

**DOCUMENTATION**
All Ambius products are rigorously tested to meet NZ standards and supplied with appropriate documentation.

**IC-F ABUTTED & COVERED**

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

**QUICK WIRE**
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.

NOTE: please check the instruction manual for each product for clarification of the features included with each downlight.

**TWIST OFF**

**ADLED110-FSAT**
**FLAT SATIN NICKEL FASCIA**

**ADLED110-FWHI**
**FLAT WHITE FASCIA**

**OD110-RBLA**
**RECESSED BLACK**

**ADLED110-RSAT**
**RECESSED SATIN NICKEL**

**ADLED110-RWHI**
**RECESSED WHITE FASCIA**

**OD115-GWHI**
**GIMBLE WHITE FASCIA**

### PAINTABLE FASCIA

Removable fascia enables you to paint to a colour of your choice. Match your paint colour requirements. Talk to your painter or local paint shop.

## Real Lifetime for LEDs

LED fittings sometimes come with L/B ratings. This helps indicate the lifetime at certain hours. All Ambius downlights come with a rating of L80 50,000hrs. This means that after 50,000 hrs the lights will not perform below 80% lumen output from original specification

## What is CRI?

The CRI of LED is a colour rendering index. The CRI is a measure of a light's ability to reproduce the colours of objects in comparison with a natural light source (CRI 100).

**90+ CRI**

| EXTERIOR LIGHTS | INDOOR LIGHTS | HIGH PERFORMANCE |
|---|---|---|
| CRI 70+ | CRI 80+ | CRI 90+ |

## Colour Temperature and Accuracy

Many Lights now come with different Colour temperature options. Ambius therefore provides these Colour options AND methods to change the temperature
Colour temperature is a way to describe the light appearance. The lower the number the warmer or more yellow the light. The higher the number the colder or bluer the light will be.
In NZ 3000K is a very common Colour temperature used but, in an office, kitchen and bathrooms some people prefer 4000K while others may prefer 5K
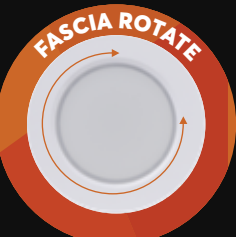Sometimes a Colour temp is achieved by "blending" different Colour temperature LED chips. Look for Ambius lights with "TRUE" Colour temperature using LED chips specifically for the Colour temperatures indicated
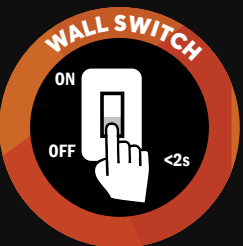
## Change on Downlight

Ambius has provided models where the Colour temperature is simply changed by the click of a switch either on the fitting or the driver. Ambius even has models where this can be done from the face of the downlight – check the options in the range
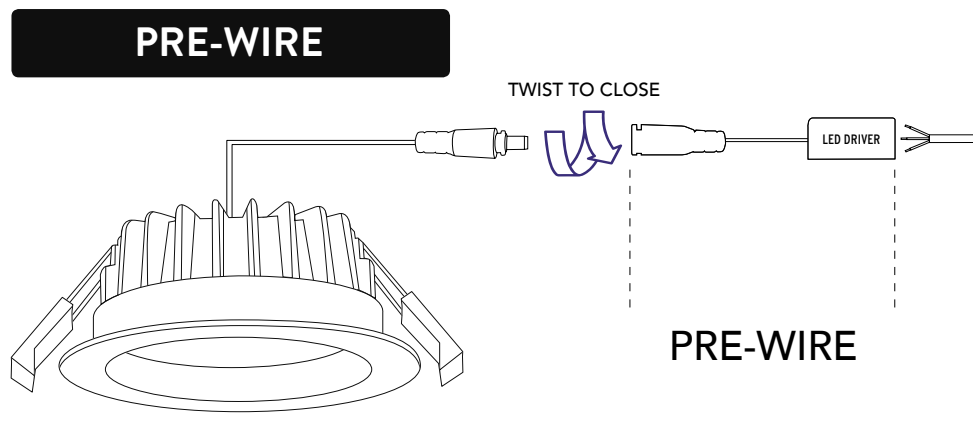
## Change on Wall Switch

In an open plan environment it is helpful to simply change the colour temperature in any given area to suit the activity. This feature makes this very simple by just flicking the light switch on the wall.
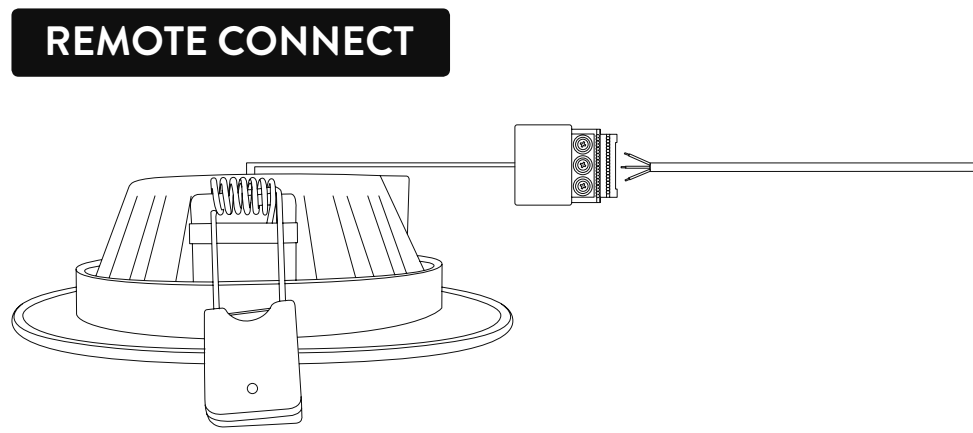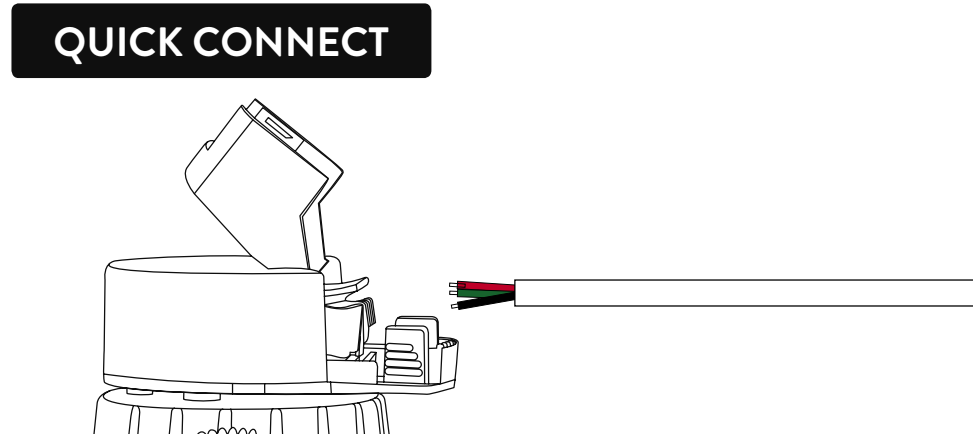
**COLOUR CHANGE SWITCHING FRONT**

**COLOUR CHANGING SWITCH**

**SWITCH ON DRIVER**

**FASCIA ROTATE**

**WALL SWITCH** ON OFF <2s

4000K NATURAL WHITE
**WALL SWITCH** ON OFF <2s
3000K WARM WHITE
5000K DAYLIGHT
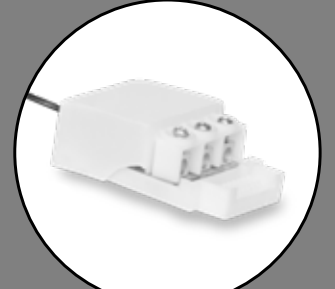
Ambius fittings are built for NZ and therefore we are constantly reviewing what are the preferred methods for wiring and installation. The Below outlines some common methods of connecting the Ambius Downlight Range

**PRE-WIRE**

TWIST TO CLOSE
LED DRIVER
PRE-WIRE

**REMOTE CONNECT**

**QUICK CONNECT**

### TWIST LOCK
Allows pre-wiring of the LED driver - simply twist to connect and complete the install.

### REMOTE CONTROL
Mains connection can be made away from the downlight body.

### SCREWLESS TERMINALS
Simply press down on terminals, insert cable and release.

The hero downlight in the Ambius Range has now been made into a family of sizes and outputs.

We have taken 6 years of proven reliability and made this into a range which now includes:

- Sizes of 95mm , 110mm, 115mm Gimble, 120mm & 150mm
- "TRUE" Colour options in 3k and 4k or BOTH.
- Economical and environmentally friendly 4 pack
- CRI90
- An IP65 option
- L80 50,000hrs life span

IP44

4PACK

**AMBIUS**

ECO12W110-4PK

**4PACK**

850 LUMENS

90mm CUTOUT

DIMMABLE

IP44

CHANGEABLE FASCIA

ECO12W110-4PK
Q5070850

3000K

**Q5070535**
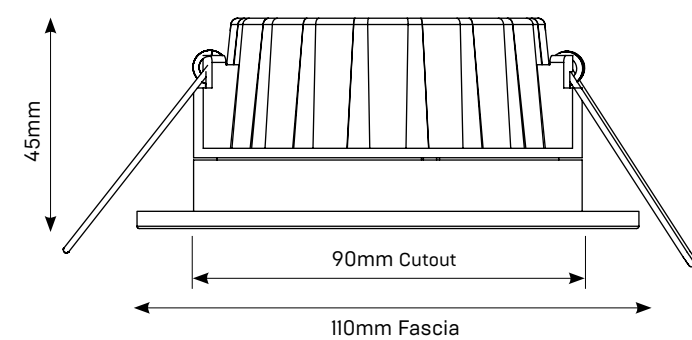ADLED12W110DV2

3000K



**Q5070555**
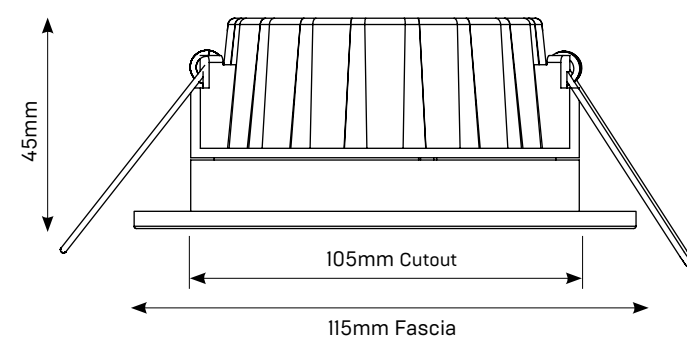ADLED12W110D4KV2

4000K



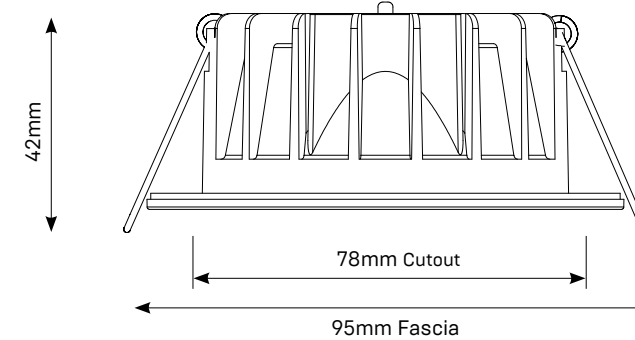PREWIRE

**Q5070245**
ADLED12W115G3KV2
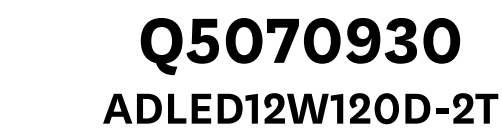
3000K

GIMBLE

**Q5070265**
ADLED12W115G4KV2

4000K



**Q5070900**
ADLED10W95-2T

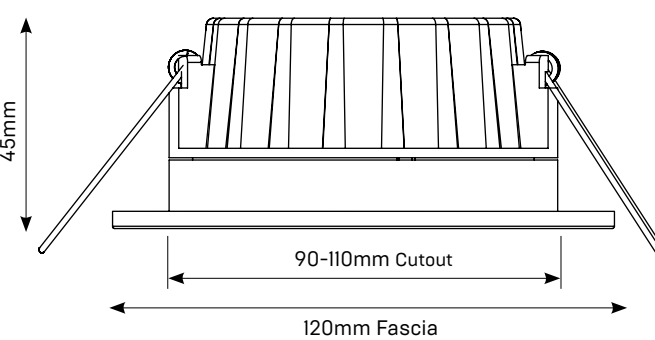3000K  4000K

Switchable Colour Temp:
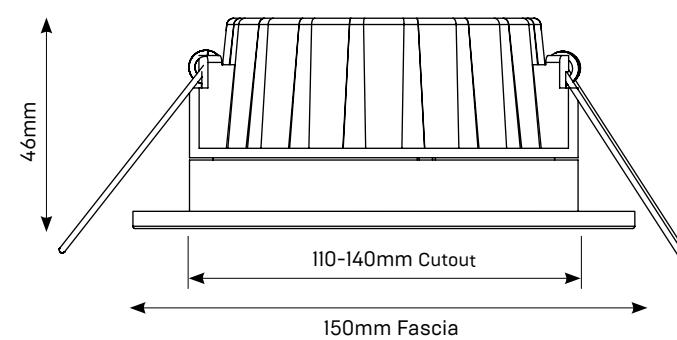TRUE 3000K & 4000K



**Q5070930**
ADLED12W120D-2T

3000K  4000K

Switchable Colour Temp:
TRUE 3000K & 4000K



**Q5070940**
ADLED12W150D-2T

3000K  4000K

Switchable Colour Temp:
TRUE 3000K & 4000K



45mm | 90mm Cutout | 110mm Fascia

45mm | 105mm Cutout | 115mm Fascia

42mm | 78mm Cutout | 95mm Fascia

45mm | 90-110mm Cutout | 120mm Fascia

46mm | 110-140mm Cutout | 150mm Fascia

**Q5070850**
ECO12W110-4PK

4PACK
AMBIUS
ECO12W110-4PK
4PACK
850 LUMENS
90mm CUTOUT
DIMMABLE
IP44
CHANGEABLE FASCIA
Q5070850
3000K

FIXED CABLE

## PREMIUM RANGE

| Pronto | CDB Code | Description | Lumens | CRI | Colour Temp | Dim | Driver | Fascia Change | Fixed Fascia | Alum Fascia | PC Fascia | IP |
|--------|----------|-------------|--------|-----|-------------|-----|--------|---------------|--------------|-------------|-----------|-----|
| Q5070900 | ADLED10W95-2T | 95mm / cut out 78mm **IP65** | 800 - 900 | 90 | 3/4K | Y | Prewire | | Y | Y | | 65 |
| Q5070850 | ECO12W110-4PK | 110mm / cut out 90mm | 850 | 90 | 3K | Y | Remote | Y | | Y | | 44 |
| Q5070535 | ADLED12W110DV2 | 110mm / cut out 90mm | 850 | 90 | 3K | Y | Prewire | Y | | Y | | 44 |
| Q5070555 | ADLED12W110D4KV2 | 110mm / cut out 90mm | 850 | 90 | 4K | Y | Prewire | Y | | Y | | 44 |
| Q5070245 | ADLED12W115G3KV2 | 115mm / cut out 105mm | 850 | 90 | 3K | Y | Prewire | Y | | Y | | 44 |
| Q5070265 | ADLED12W115G4KV2 | 115mm / cut out 105mm | 850 | 90 | 4K | Y | Prewire | Y | | Y | | 44 |
| Q5070930 | ADLED12W120D -2T | 120mm / cut out 90 -110mm | 850 | 90 | 3/4K | Y | Prewire | Y | | Y | | 44 |
| Q5070940 | ADLED12W150D-2T | 150mm / cut out 110 - 140mm | 950 - 1000 | 90 | 3/4K | Y | Prewire | | Y | Y | | 44 |

Ambius understands that along with quality and performance, PRICE is important.

Therefore, we have produced models in our range that meet every price point.

Each of these models have subtle feature variations which enables each model to meet different requirements.
Some of these variations are:

• Colour Temperature selection
• Easy Colour temperature change option for consumers
• Fascia changeability allowing different profile or Colour finishes

# Q5070810
## ADLEDAC8W-3T

3K | 4K | 5K
COLOUR CHANGING SWITCH

FASCIA ROTATES TO CHANGE COLOUR.

FASCIA ROTATE



CCT Change 3K, 4K, 5K

55mm
90mm Cutout
105mm

# Q5070910
## ADLED12W110D-3K

3000K



(Hard wired Driver incl. Large terminal)

44mm
90mm Cutout
110mm

# Q5070225
## ADLEDAC10W-3T

3K | 4K | 5K
COLOUR CHANGING SWITCH

CHANGEABLE FASCIA



67mm
90mm Cutout
110mm

# Q5070920
## ADLED12W110D-2T

3000K | 4000K    Switchable Colour Temp: TRUE 3000K & 4000K



(Hard wired Driver incl. Large terminal)

44mm
90mm Cutout
110mm

# Q5070205
## ADLEDAC10WCCT

3K | 4K | 5K
COLOUR CHANGING SWITCH

COLOUR CHANGING SWITCH (Using wall switch)

ON
OFF    <2s
LIGHT SWITCH

CHANGEABLE FASCIA

TWIST OFF CHANGEABLE FASCIA



45mm
90° Cutout
110mm

# Q5070590
## ADLED6W85D-3T

3K | 4K | 5K
COLOUR CHANGING SWITCH



**3T Switch**
Choose between option 3K/4K/5K colour temperatures with the flick of a switch

**Remote Terminal**
Mains connection can be made away from the downlight body. Remote with large terminals provides easy installation and lower profile downlight

54mm
75-85mm Cutout
96mm Diameter

| Pronto | CDB Code | Description | Lumens | CRI | Colour Temp | Dim | Driver | Fascia Change | Fixed Fascia | Alum Fascia | PC Fascia | IP |
|--------|----------|-------------|--------|-----|-------------|-----|--------|---------------|--------------|-------------|-----------|-----|
| Q5070590 | ADLED6W85D-3T | 6W 96mm / cut out 75 - 85mm | 550 | 80 | 3/4K/5K | Y | Remote | | Y | | Y | 44 |
| Q5070810 | ADLEDAC8W-3T | 110mm / cut out 90mm | 750 | 80 | 3/4/5K | Y | Remote | | | | Y | 44 |
| Q5070225 | ADLEDAC10W-3T | 108mm / cut out 90mm | 850 | 80 | 3/4/5K | Y | Top Term | Y | | | Y | 44 |
| Q5070910 | ADLED12W110D-3K | 110mm / cut out 90mm | 850 | 80 | 3K | Y | Remote | | Y | Y | | 44 |
| Q5070920 | ADLED12W110D-2T | 110mm / cut out 90mm | 850 | 90 | 3/4K | Y | Remote | | Y | Y | | 44 |
| Q5070205 | ADLEDAC10WCCT | 110mm / cut out 90mm | 800 | 80 | 3/4/5K | Y | Prewire | Y | | | Y | 44 |

## Q5070810
**ADLEDAC8W-3T**

**80+ CRI**

3K | 4K | 5K
**COLOUR CHANGING SWITCH**

**FASCIA ROTATE**

**800 LUMENS**

**90mm CUTOUT**

**DIMMABLE**

**IP44**

## Q5070225
**ADLEDAC10W-3T**

**CHANGEABLE FASCIA**

**80+ CRI**

3K | 4K | 5K
**COLOUR CHANGING SWITCH**

**850 LUMENS**

**90mm CUTOUT**

**DIMMABLE**

**IP44**

## Q5070910
**ADLED12W110D-3K**

(Hard wired Driver incl. Large terminal)

**80+ CRI**

**3000K**

**850 LUMENS**

**90mm CUTOUT**

**DIMMABLE**

**IP44**

**ALUMINIUM**

## Q5070920
**ADLED12W110D-2T**

(Hard wired Driver incl. Large terminal)

**80+ CRI**

**3000K** | **4000K**
Switchable Colour Temp: TRUE 3000K & 4000K

**850 LUMENS**

**90mm CUTOUT**

**DIMMABLE**

**IP44**

**ALUMINIUM**

## Q5070205
ADLEDAC10WCCT

TWIST OFF CHANGEABLE FASCIA

CHANGEABLE FASCIA

LIGHT SWITCH
ON
OFF  <2s
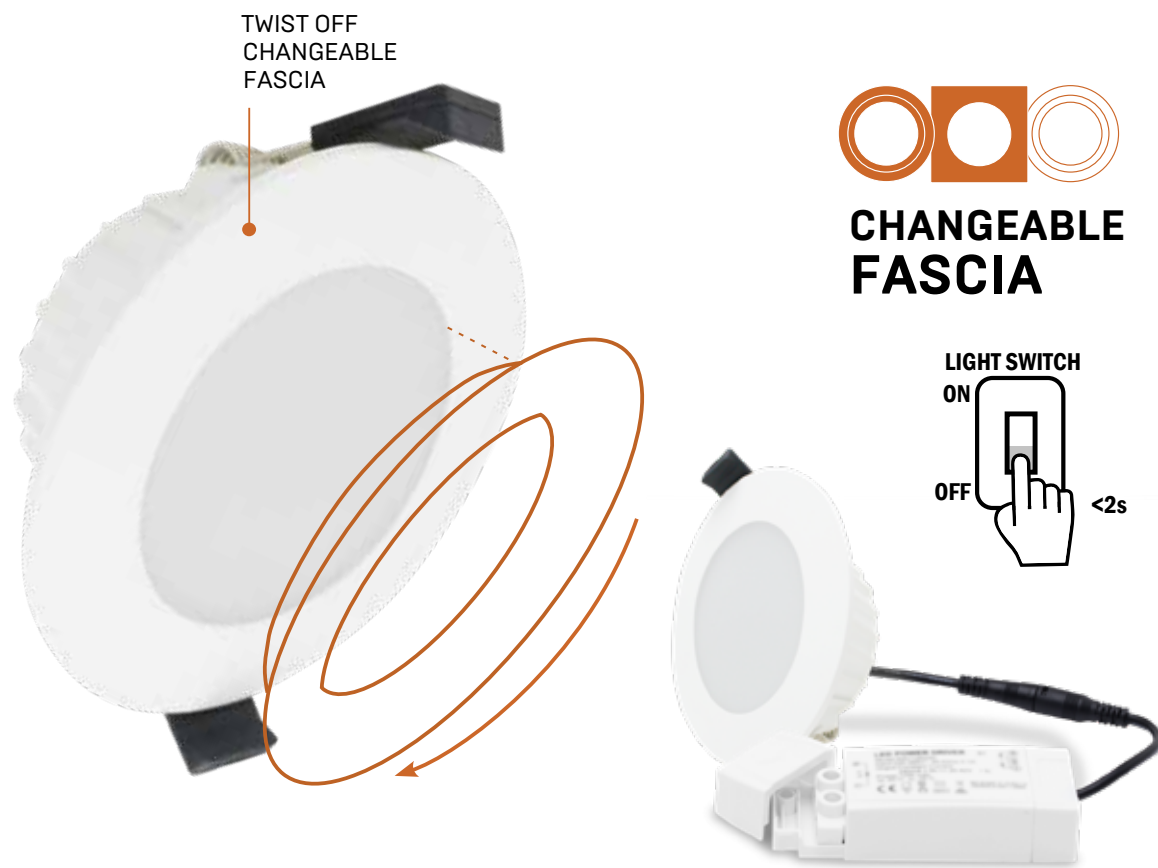
80+ CRI

3K  4K  5K
COLOUR CHANGING SWITCH

800 LUMENS

90mm CUTOUT

DIMMABLE

IP44

## Q5070850
ECO12W110-4PK

CHANGEABLE FASCIA

90+ CRI

3000K

850 LUMENS

90mm CUTOUT

DIMMABLE

IP44

ALUMINIUM

## Q5070230
ADLEDAC12W165-3T

CHANGEABLE FASCIA

165  150

80+ CRI

3K  4K  5K
COLOUR CHANGING SWITCH

950 LUMENS

115-160mm CUTOUT

DIMMABLE

IP44

## Q5070535
ADLED12W110DV2

PREMIUM

CHANGEABLE FASCIA

90+ CRI

3000K

850 LUMENS

90mm CUTOUT

DIMMABLE

IP44

ALUMINIUM

Sometimes the size of the downlight is the determining factor around choice. Especially where the downlight is required to retrofit an older model.

For those larger hole sizes Ambius has specifically developed the following models.
Some models even include more than one size fascia to give options within a single model.

Our standard range covers hole sizes from
75mm – 115mm

These retrofit models will cover those larger hole sizes – starting at 115mm through to 160mm

Don't forget our commercial range for hole sizes from
175mm - 245mm

# Q5070230
## ADLEDAC12W165-3T

3K  4K  5K
COLOUR CHANGING SWITCH

165  150
CHANGEABLE
PC FASCIA

SWITCH ON DRIVER

LARGE TERMINALS

41mm

115-160mm Cutout

**CHANGEABLE PC FASCIA**
**(included)**
150mm or 165mm

# Q5070560
## ADLED12W144D

3000K

45mm

115mm Cutout

144mm

# Q5070940
## ADLED12W150D-2T

3000K  4000K

Switchable Colour Temp:
TRUE 3000K & 4000K

46mm

110-140mm Cutout

150mm Fascia

| Pronto | CDB Code | Description | Lumens | CRI | Colour Temp | Dim | Driver | Fascia Change | Fixed Fascia | Alum Fascia | PC Fascia | IP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Q5070560 | ADLED12W144DV2 | 144mm /cut out 115mm | 950 | 90 | 3K | Y | Prewire | | Y | Y | | 44 |
| Q5070230 | ADLEDAC12W165-3T | 150 to 165mm / cut out 115 - 160mm | 950 | 80 | 3K | Y | Remote | Y | | | Y | 44 |
| Q5070940 | ADLED12W150D-2T | 150mm / cut out 110 - 140mm | 950 - 1000 | 90 | 3/4K | Y | Prewire | | Y | Y | | 44 |

The Ambius Downlight range isn't just about residential application.

We have reviewed key specifications, and in the offer, provided the most common sizes and outputs

This includes 20W and 30W as well as low glare, spanning hole sizes from 175mm through to 245mm

Don't forget our 60min FIRE RATED downlight tested to AS1530.4: 2014 using NZ materials to NZ building standards

**EASY INSTALLATION**
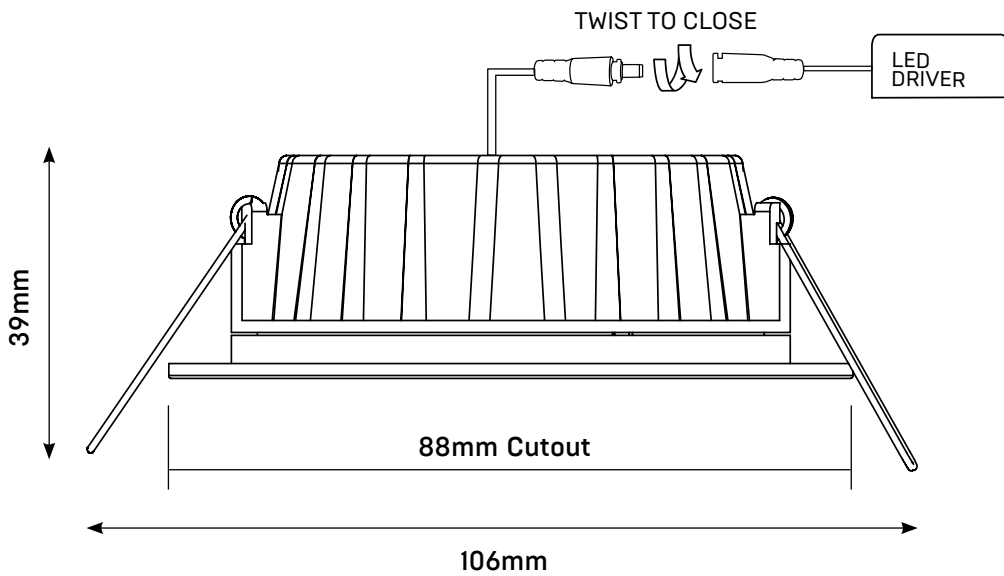• LARGE TERMINALS

# FIRE RATED Q5070610
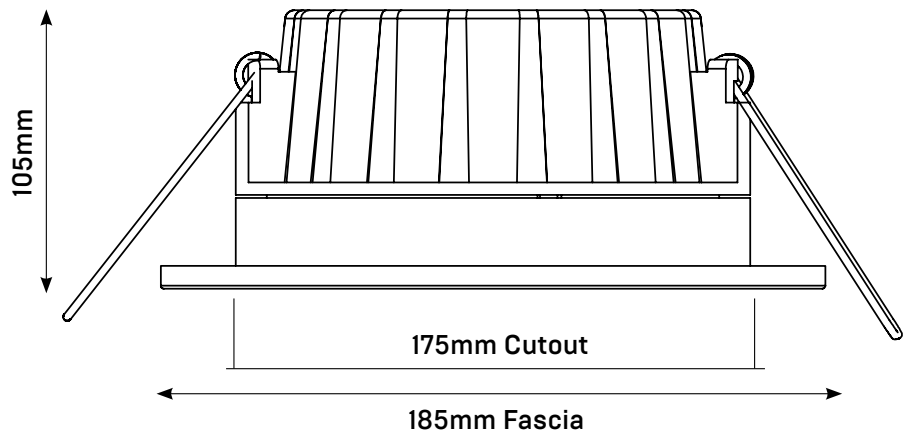## ADLFR12W110-3T

FIRE RATED AS/NZ 60 MINUTES

3K 4K 6K
COLOUR CHANGING SWITCH

COLOUR CHANGING SWITCH

TWIST TO CLOSE

LED DRIVER

39mm

88mm Cutout

106mm

# Q5070960
## ADLED20WUGR

4000K

90+ CRI

<UGR19
LOW GLARE

EASY INSTALLATION
• LARGE TERMINALS

105mm

175mm Cutout

185mm Fascia

# Q5070270
## ADL20W192

IC-F ABUTTED & COVERED

4000K

EASY INSTALLATION
• LARGE TERMINALS

70mm

175mm Cutout

192mm
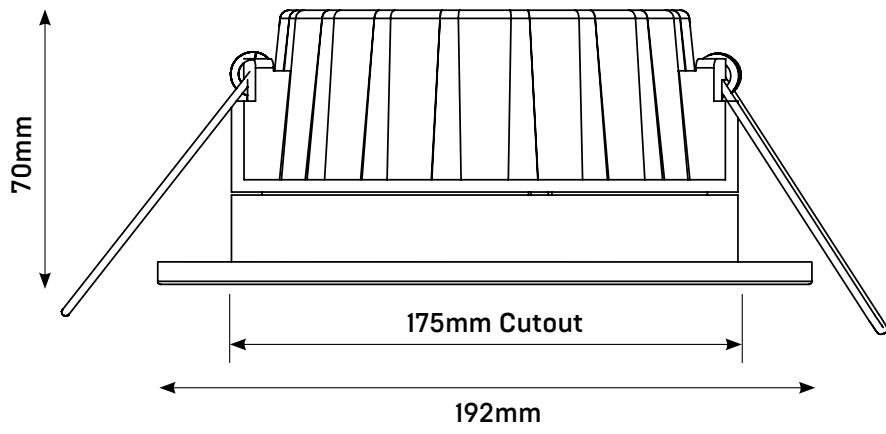
# Q5070280
## ADL30W220-260

IC-F ABUTTED & COVERED

4000K

EXPANSION RING
220mm to 260mm
TWIN FASCIA
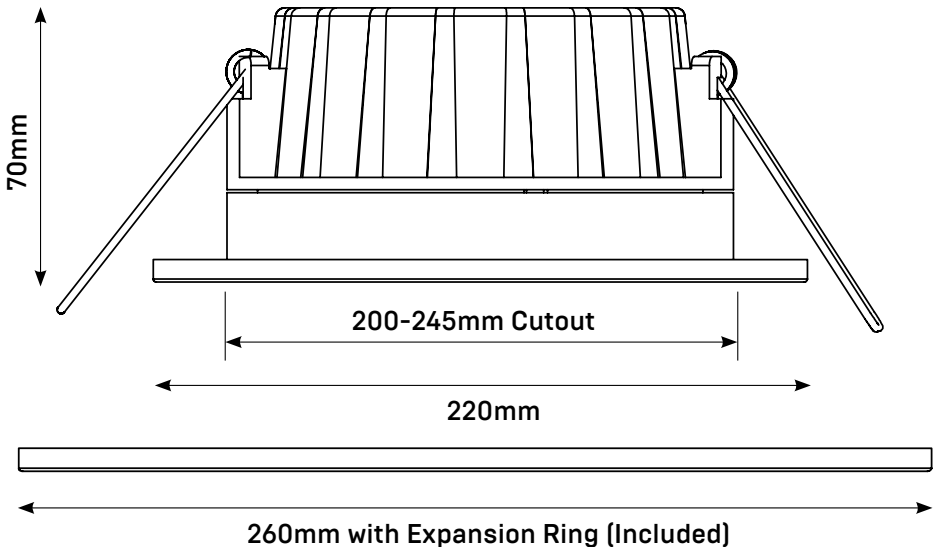
EASY INSTALLATION
• LARGE TERMINALS

70mm

200-245mm Cutout

220mm

260mm with Expansion Ring (Included)

| Pronto | CDB Code | Description | Lumens | CRI | Colour Temp | Dim | Driver | Fascia Change | Fixed Fascia | Alum Fascia | PC Fascia | IP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Q5070610 | ADLFR12W110-3T | 106mm / cut out 88mm 60min Fire Rated | 950 | 80 | 3/4/6K | Y | Prewire | | | Y | | 65 |
| Q5070270 | ADL20W192 | 192mm / cut out 175mm | 2000 | 90 | 4K | Y | Remote | | | Y | | 44 |
| Q5070960 | ADLED20WUGR | 185mm / cut out 175mm low glare | 2000 | 90 | 4K | Y | Prewire | | | Y | | 54 |
| Q5070280 | ADL30W220-260 | 220 to 260mm / cut out 200 - 245mm | 3000 | 90 | 4K | Y | Prewire | Y | | Y | | 44 |

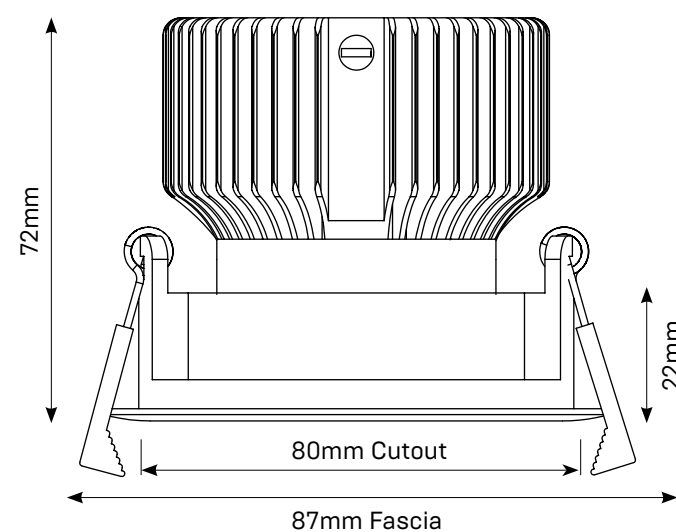Ambius is continuing to develop a designer range of downlights and lighting.

We have improved the range with a lower profile heatsink adding the additional feature of "TRUE" 3K & 4K Colour selection.

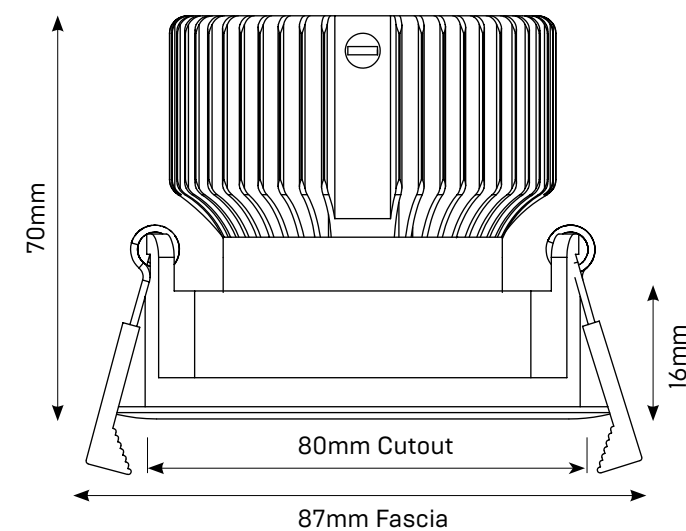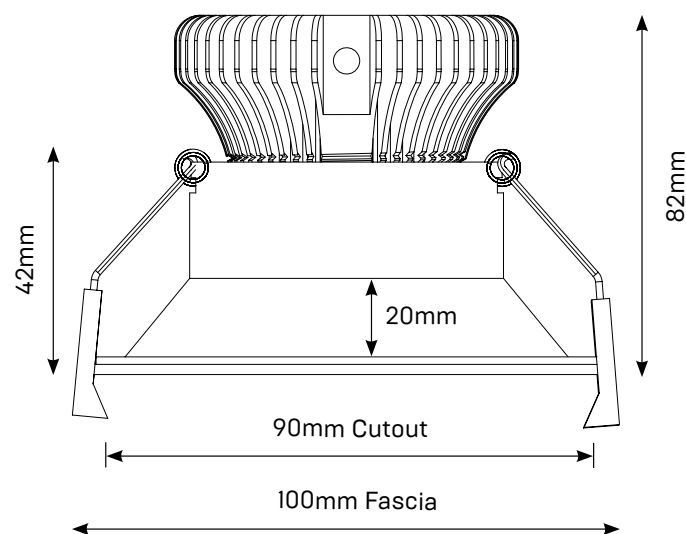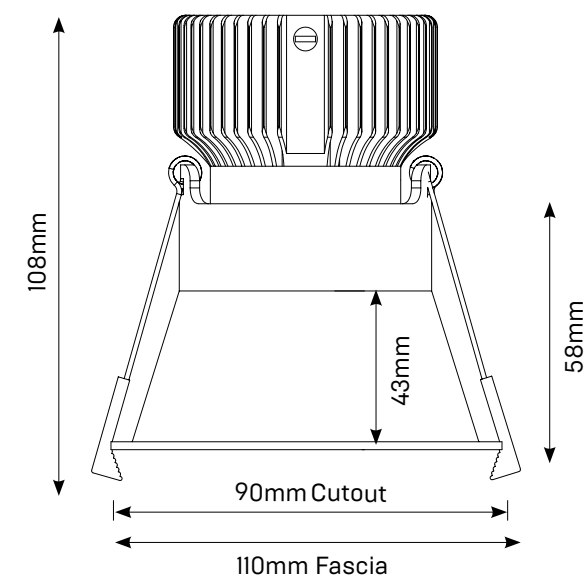We have included <UGR19 low glare options while maintaining a high CRI 90

## Q5070860
**ADARC12WS-2T**
CURVE FASCIA

72mm | 22mm | 80mm Cutout | 87mm Fascia

## Q5070870
**ADARC12WSRDT-2T**
CURVE TILT

70mm | 16mm | 80mm Cutout | 87mm Fascia

## Q5070880
**ADARC12WLRW-2T**
LOW RECESS

◇ <UGR19

42mm | 82mm | 20mm | 90mm Cutout | 100mm Fascia

## Q5070890
**ADARC12WDRW-2T**
DEEP RECESS

◇ <UGR19

108mm | 43mm | 58mm | 90mm Cutout | 110mm Fascia
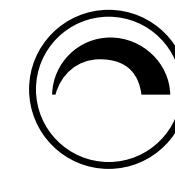
**90+ CRI** | **3000K** | **4000K** | ◐ DIMMABLE

**True Colour Temperature**

**Q5070.....**
ADARC12WSSPT-2T

**Q5070.....**
ADARC12WLRB-2T

**Q5070.....**
ADARC12WDRB-2T

| Pronto | CDB Code | Description | Lumens | CRI | Colour Temp | Dim | Driver | Fascia Change | Fixed Fascia | Alum Fascia | PC Fascia | IP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Q5070860 | ADARC12WS-2T | 87mm / cut out 80mm | 850 - 950 | 90 | 3/4K | Y | Prewire | | | Y | | 44 |
| Q5070870 | ADARC12WSRDT-2T | 87mm / cut out 80mm | 850 - 950 | 90 | 3/4K | Y | Prewire | | | Y | | 20 |
| **Made to Order** | ADARC12WSSPT-2T | 87mm / cut out 80mm | 850 | 90 | 3/4K | Y | Prewire | | | Y | | 20 |
| Q5070880 | ADARC12WLRW-2T | 100mm / cut out 90mm / recess 26mm | 850 – 950 | 90 | 3/4K | Y | Prewire | | | Y | | 44 |
| **Made to Order** | ADARC12WLRB-2T | 100mm / cut out 90mm / recess 26mm | 850 - 950 | 90 | 3/4K | Y | Prewire | | | Y | | 44 |
| Q5070890 | ADARC12WDRW-2T | 110mm / cut out 90mm / recess 43mm | 800 - 900 | 90 | 3/4K | Y | Prewire | | | Y | | 44 |
| **Made to Order** | ADARC12WDRB-2T | 110mm / cut out 90mm / recess 43mm | 800 - 900 | 90 | 3/4K | Y | Prewire | | | Y | | 44 |
| Q5070520 | ADLED10WD | 90mm / cut out 75mm | 850 | 90 | 3K | Y | Prewire | | | Y | | 20 |
| Q5070490 | ADLED10BD | 90mm / cut out 75mm | 850 | 90 | 3K | Y | Prewire | | | Y | | 20 |

# PRICE POINT

These price appointed downlights provide a traditional look using modern LED technology and proven reliability

3000K

90+ CRI

850 LUMENS

75mm CUTOUT

DIMMABLE

IP20

TWISTLOCK CONNECTION
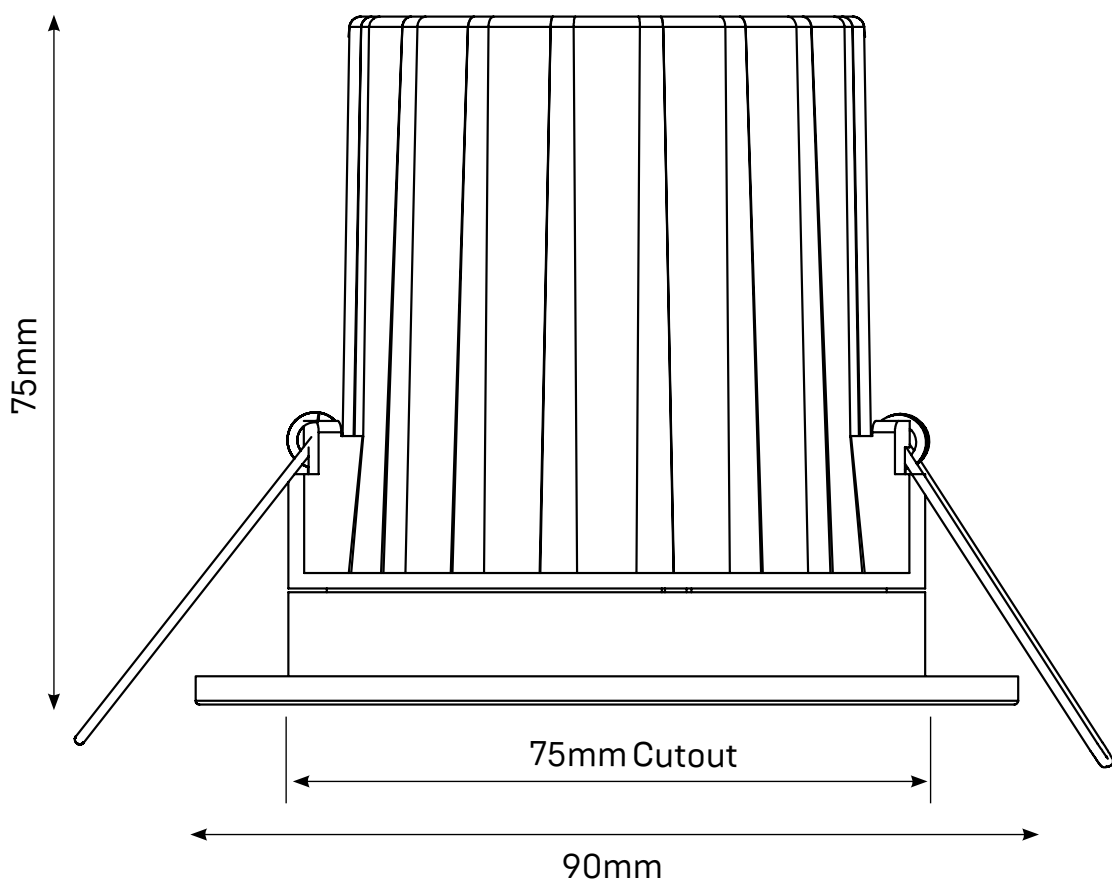
**Q5070520**
ADLED10WD
White

**Q5070490**
ADLED10BD
Satin Nickel

TWISTLOCK CONNECTION

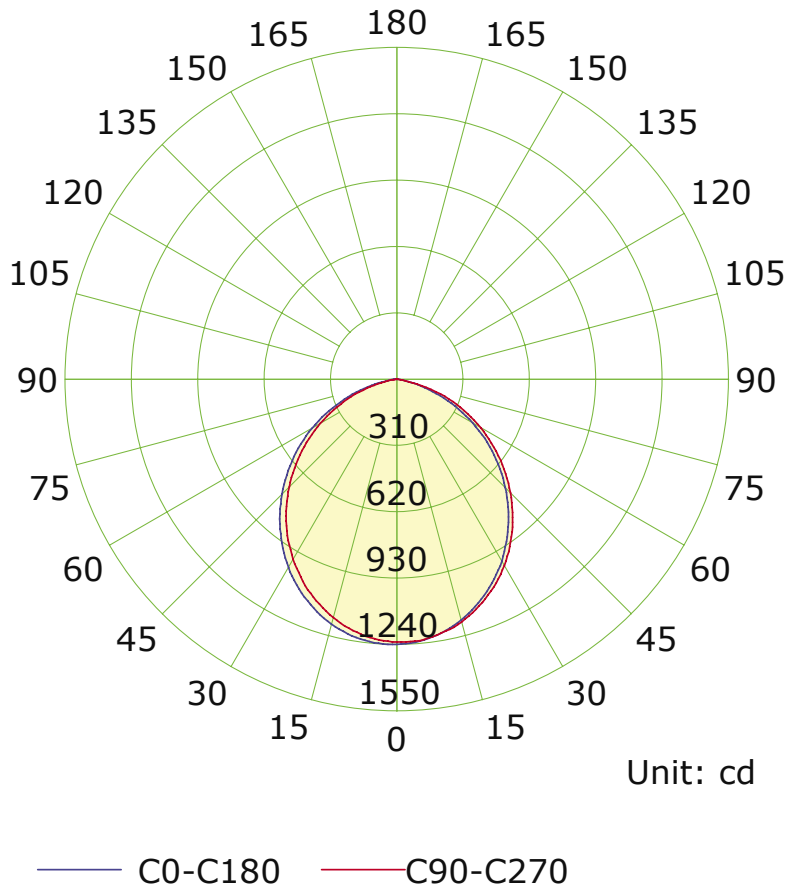Unit: cd

— C0-C180  — C90-C270

75mm

75mm Cutout

90mm

| Pronto | CDB Code | Description | Lumens | CRI | Colour Temp | Dim | Driver | Fascia Change | Fixed Fascia | Alum Fascia | PC Fascia | IP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Q5070590 | ADLED6W85D-3T | 6W 85 / cut out 75-85mm | 550 | 80 | 3/4K/5K | Y | TBC | | Y | | Y | 44 |
| Q5070810 | ADLEDAC8W-3T | 110mm / cut out 90mm | 750 | 80 | 3/4/5K | Y | TBC | | | | Y | 44 |
| Q5070900 | ADLED10W95-2T | 95mm / cut out 78mm IP65 | 800 - 900 | 90 | 3/4K | Y | Prewire | | Y | Y | | 65 |
| Q5070225 | ADLEDAC10W-3T | 108mm / cut out 90mm | 850 | 80 | 3/4/5K | Y | Top Term | Y | | | Y | 44 |
| Q5070910 | ADLED12W110D-3K | 110mm / cut out 90mm | 850 | 80 | 3K | Y | TBC | | Y | Y | | 44 |
| Q5070920 | ADLED12W110D-2T | 110mm / cut out 90mm | 850 | 90 | 3/4K | Y | TBC | | Y | Y | | 44 |
| Q5070205 | ADLEDAC10WCCT | 110mm / cut out 90mm | 800 | 80 | 3/4/5K | Y | Prewire | Y | | | Y | 44 |
| Q5070850 | ECO12W110-4PK | 110mm / cut out 90mm | 850 | 90 | 3K | Y | Fixed | Y | | Y | | 44 |
| Q5070535 | ADLED12W110DV2 | 110mm / cut out 90mm | 850 | 90 | 3K | Y | Prewire | Y | | Y | | 44 |
| Q5070555 | ADLED12W110DV24K | 110mm / cut out 90mm | 850 | 90 | 4K | Y | Prewire | Y | | Y | | 44 |
| Q5070245 | ADLED12W115G3KV2 | 115mm / cut out 105mm | 850 | 90 | 3K | Y | Prewire | Y | | Y | | 44 |
| Q5070265 | ADLED12W115G4KV2 | 115mm / cut out 105mm | 850 | 90 | 4K | Y | Prewire | Y | | Y | | 44 |
| Q5070930 | ADLED12W120D-2T | 120mm / cut out 90 -110mm | 850 | 90 | 3/4K | Y | Prewire | Y | | Y | | 44 |
| Q5070940 | ADLED12W150D-2T | 150mm / cut out 110 - 140mm | 950 - 1000 | 90 | 3/4K | Y | Prewire | | Y | Y | | 44 |
| Q5070560 | ADLED12W144D | 144mm /cut out 115mm | 950 | 90 | 3K | Y | Prewire | | Y | Y | | 44 |
| Q5070230 | ADLEDAC12W165-3T | 150-165mm / cut out 115 - 160mm | 950 | 80 | 3K | Y | TBC | Y | | | Y | 44 |
| Q5070270 | ADL20W192 | 192mm / cut out 175mm | 2000 | 90 | 4K | Y | Prewire | | | Y | | 44 |
| Q5070960 | ADLED20WUGR | 185mm / cut out 175mm low glare | 2000 | 90 | 4K | Y | Prewire | | | Y | | 54 |
| Q5070280 | ADL30W220-260 | 220-260mm / cut out 200 - 245mm | 3000 | 90 | 4K | Y | Prewire | Y | | Y | | 44 |
| Q5070610 | ADLFR12W110-3T | 106mm / cut out 88mm 60min Fire Rated | 950 | 80 | 3/4/6K | Y | Prewire | | | Y | | 65 |
| Q5070520 | ADLED10WD | 90mm / cut out 75mm | 850 | 90 | 3K | Y | Prewire | | | Y | | 20 |
| Q5070490 | ADLED10BD | 90mm / cut out 75mm | 850 | 90 | 3K | Y | Prewire | | | Y | | 20 |
| Q5070860 | ADARC12WS-2T | 87mm / cut out 80mm | 850 - 950 | 90 | 3/4K | Y | Prewire | | | Y | | 44 |
| Q5070870 | ADARC12WSRDT-2T | 87mm / cut out 80mm | 850 - 950 | 90 | 3/4K | Y | Prewire | | | Y | | 20 |
| Made to Order | ADARC12WSSPT-2T | 87mm / cut out 80mm | 850 | 90 | 3/4K | Y | Prewire | | | Y | | 20 |
| Q5070880 | ADARC12WLRW-2T | 100mm / cut out 90mm / recess 26mm | 850 – 950 | 90 | 3/4K | Y | Prewire | | | Y | | 44 |
| Made to Order | ADARC12WLRB-2T | 100mm / cut out 90mm / recess 26mm | 850 - 950 | 90 | 3/4K | Y | Prewire | | | Y | | 44 |
| Q5070890 | ADARC12WDRW-2T | 110mm / cut out 90mm / recess 43mm | 800 - 900 | 90 | 3/4K | Y | Prewire | | | Y | | 44 |
| Made to Order | ADARC12WDRB-2T | 110mm / cut out 90mm / recess 43mm | 800 - 900 | 90 | 3/4K | Y | Prewire | | | Y | | 44 |

All Ambius Downlights are rigorously tested and certified to New Zealand standards. Included with every downlight is the required SDoC.

Specification sheets are loaded onto the web and IES files are available for lighting design

http://www.ambiuslighting.co.nz/

The following are some of the specification sheets for the new lines.

## Panel 1

# AMBIUS

## 95mm Downlight
### 10W LED

**IC-F** ABUTTED & COVERED

ADLED10W95-2T
**Q5070900**

**90+ CRI**

**800-900 LUMENS**

**78mm CUTOUT**

**DIMMABLE**

**IP44**

**TWISTLOCK CONNECTION**

3000K
4000K
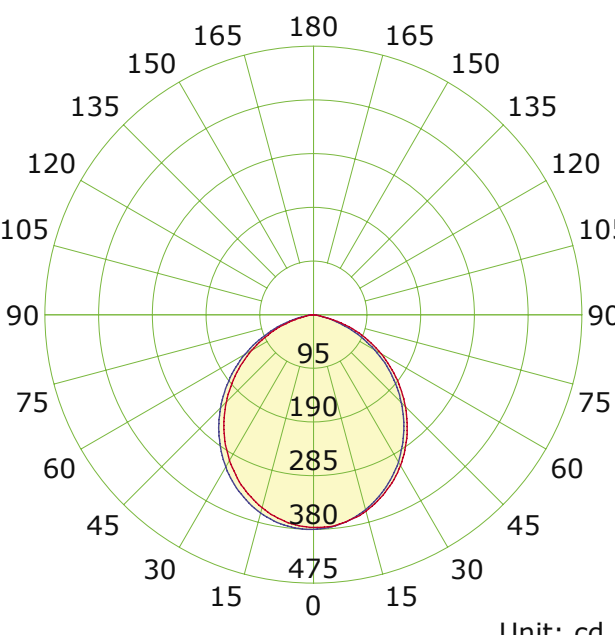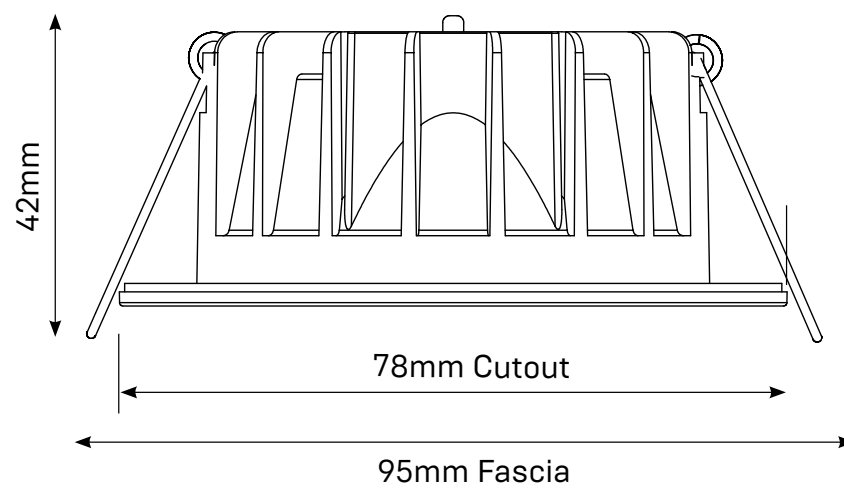Switchable Colour Temp: TRUE 3000K & 4000K

**LUMINAIRE SPECIFICATION:**

Model ADLED6W85D-3T
Rating IC-F
Wattage 10W
IP Rating IP44
Input Voltage 220 ~ 240 Volts 50Hz
Installation Hole Diameter 75-85mm
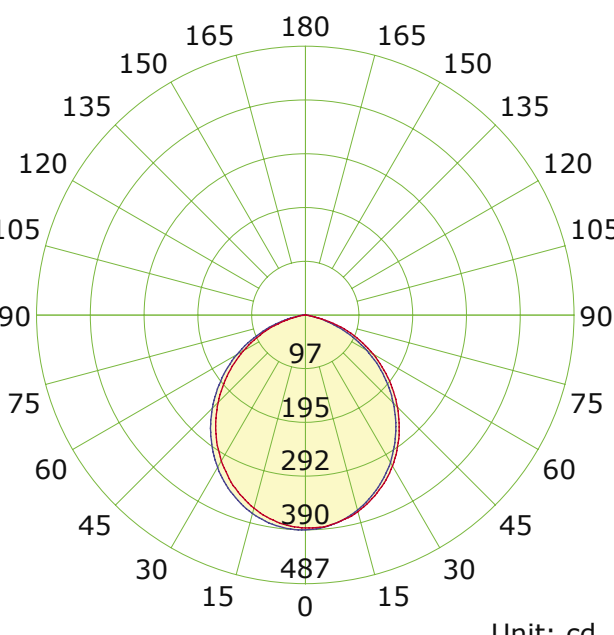(refer fascia size for maximum coverage for retrofit installations)

42mm

78mm Cutout

95mm Fascia



180 / 165 / 150 / 135 / 120 / 105 / 90 / 75 / 60 / 45 / 30 / 15 / 0
95 / 190 / 285 / 380 / 475
Unit: cd

180 / 165 / 150 / 135 / 120 / 105 / 90 / 75 / 60 / 45 / 30 / 15 / 0
97 / 195 / 292 / 390 / 487
Unit: cd

— C0-C180   — C90-C270
— C0-C180   — C90-C270

## Panel 2

# AMBIUS

## Downlight Warm White
### 12W LED

**IC-F** ABUTTED & COVERED

3000K

ECO12W110-4PK
**Q5070850**

**90+ CRI**

**850 LUMENS**

**90mm CUTOUT**

**DIMMABLE**

**IP44**

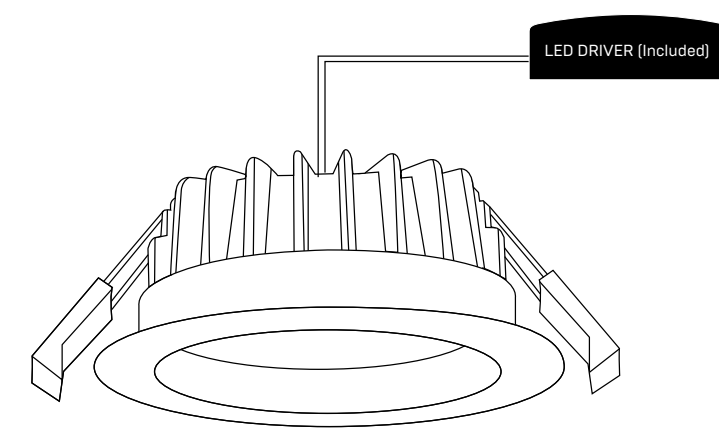**CHANGEABLE FASCIA**

AMBIUS
ECO12W110-4PK
4PACK

**LUMINAIRE SPECIFICATION:**

Model ECO12W110-4PK
Colour Temperature: Warm White 3000K
Dimmable Yes
Lumens: 850
LED Lifetime: L80 54,000hrs
Includes a driver that can be abutted and covered.
Rating IC-F
Wattage 12W
IP Rating IP44 parts outside the ceiling
Input Voltage 220 ~ 240 VAC 50Hz
Installation Hole Diameter Cutout is no less than 90mm (refer fascia size for maximum coverage for retrofit installations)

45mm

90mm Cutout

110mm Fascia

180 / 165 / 150 / 135 / 120 / 105 / 90 / 75 / 60 / 45 / 30 / 15 / 0
86 / 173 / 260 / 347 / 434
Unit: cd

— C0-C180   — C90-C270

LED DRIVER (Included)

## Panel 3
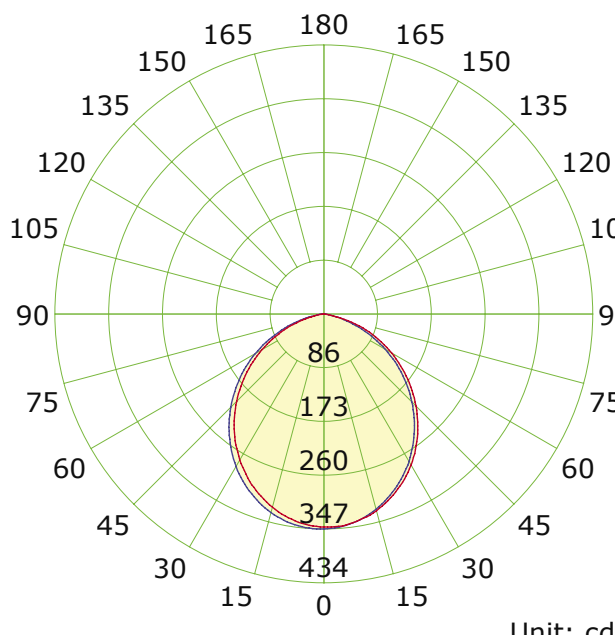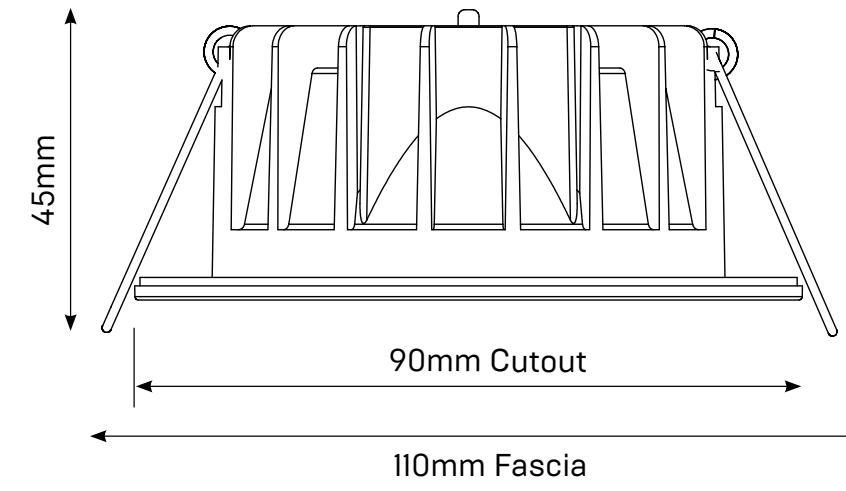
# AMBIUS

## 120mm Downlight
### 12W LED

**IC-F** ABUTTED & COVERED

ADLED12W120D-2T
**Q5070930**

**90+ CRI**

**850 LUMENS**

**90mm CUTOUT**

**DIMMABLE**

**IP44**

**TWISTLOCK CONNECTION**

**CHANGEABLE FASCIA**

3K / 4K
3000K
4000K
Switchable Colour Temp: TRUE 3000K & 4000K
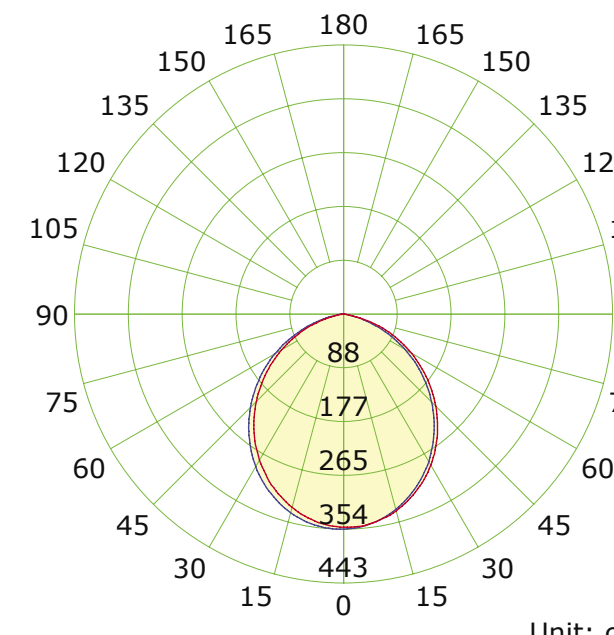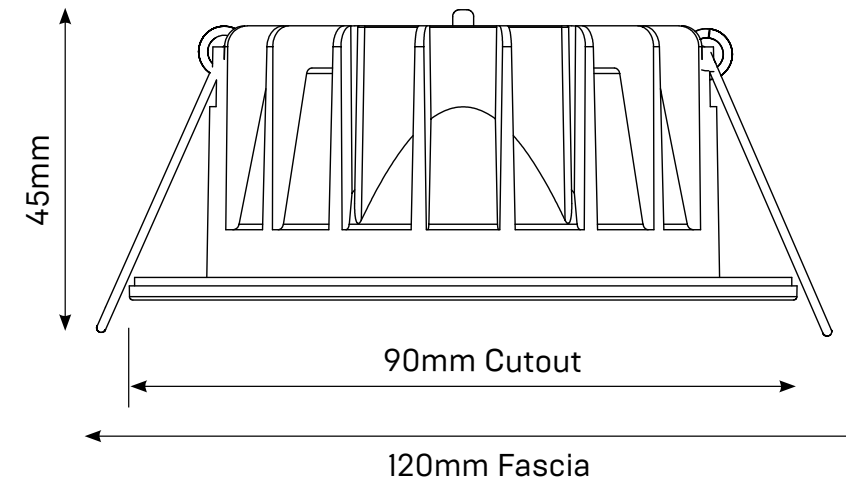
**LUMINAIRE SPECIFICATION:**

Model ADLED12W120D-2T
Colour Temperature: True 3000K & 4000K
Dimmable Yes
Lumens: 850
Rating IC-F & IC-4
Wattage 12W
IP Rating IP44 parts outside the ceiling
Input Voltage 220 ~ 240 Volts 50Hz
Includes a driver that can be abutted and covered.
Installation Diameter: Cutout is no less than 90mm (refer fascia size for maximum coverage for retrofit installations)

45mm

90mm Cutout

120mm Fascia

180 / 165 / 150 / 135 / 120 / 105 / 90 / 75 / 60 / 45 / 30 / 15 / 0
88 / 177 / 265 / 354 / 443
Unit: cd

— C0-C180   — C90-C270

LED POWER DRIVER

# AMBIUS

## 150mm Downlight
### 12W LED

**IC-F** ABUTTED & COVERED

ADLED12W150D-2T
**Q5070940**

**90+ CRI**

- 950-1000 LUMENS
- 110-140mm CUTOUT
- DIMMABLE
- IP44
- TWISTLOCK CONNECTION

**3000K**
4000K
Switchable Colour Temp: TRUE 3000K & 4000K

**LUMINAIRE SPECIFICATION:**

Model: ADLED12150D-2T
Colour Temperature: 3000K 950 Lumens, 4000K 1000 Lumens
Dimmable: Yes
Rating: IC-F & IC-4
Wattage: 12W
IP Rating: IP44 parts outside the ceiling
Input Voltage: 220 ~ 240 Volts 50Hz
Includes a driver that can be abutted and covered.
Installation Hole Diameter Cutout is no less than 110mm (refer fascia size for maximum coverage for retrofit installations)
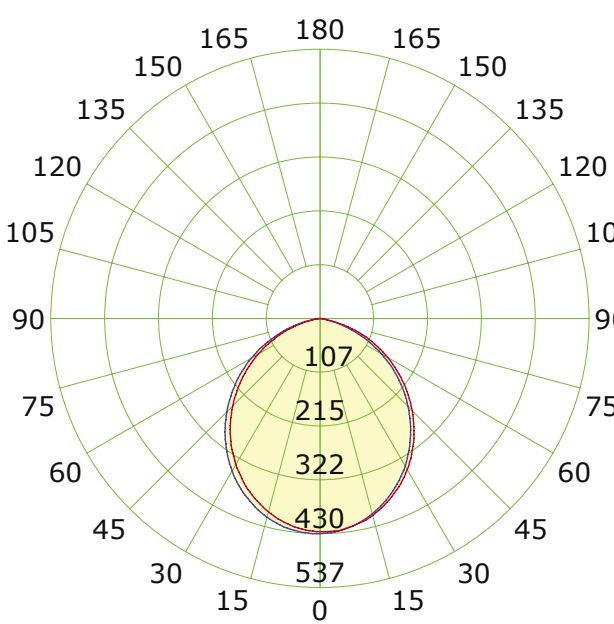
46mm

110-140mm Cutout

150mm Fascia

Unit: cd
C0-C180   C90-C270

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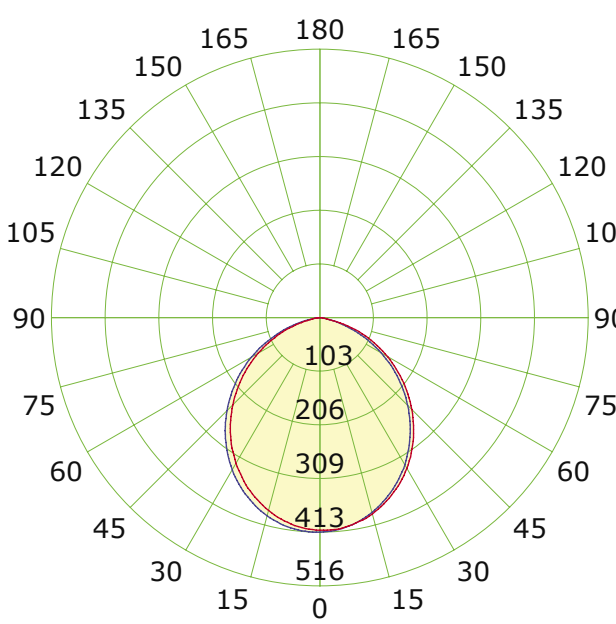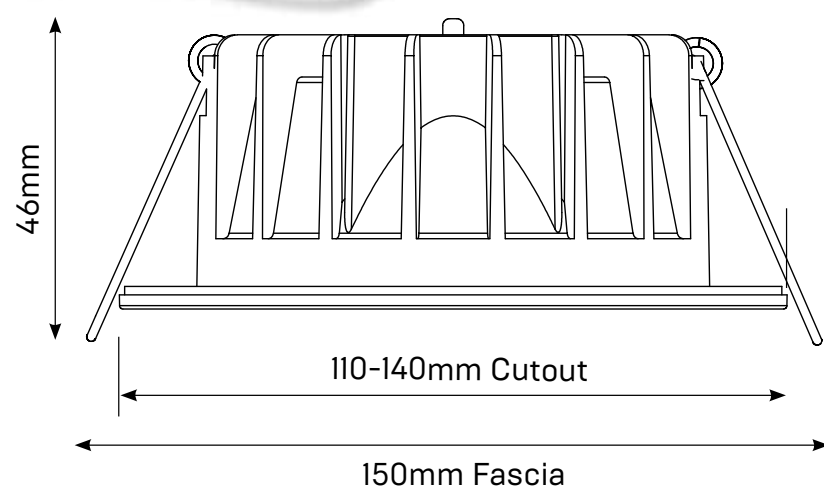
# AMBIUS

## Downlight Low Glare
### 20W LED

**IC-F** ABUTTED & COVERED

ADLED20WUGR
**Q5070960**

**90+ CRI**

- 2000 LUMENS
- 175mm CUTOUT
- DIMMABLE
- IP54
- <UGR19

**4000K**

**LUMINAIRE SPECIFICATION:**

Model ADLED20WUGR
Colour Temperature: 4000K
Dimmable Yes
Lumens: 2000
LED Lifetime: L80 54,000hrs
IP Rating IP54 parts outside ceiling
Wattage 20W
IP Rating IP44 parts outside the ceiling
Input Voltage 220 ~ 240 VAC 50Hz
Installation Hole Diameter Cutout is no less than 175mm (refer fascia size for maximum coverage for retrofit installations)

EASY INSTALLATION + LARGE TERMINALS

105mm

175mm Cutout

185mm Fascia

Unit: cd
C0-C180   C90-C270

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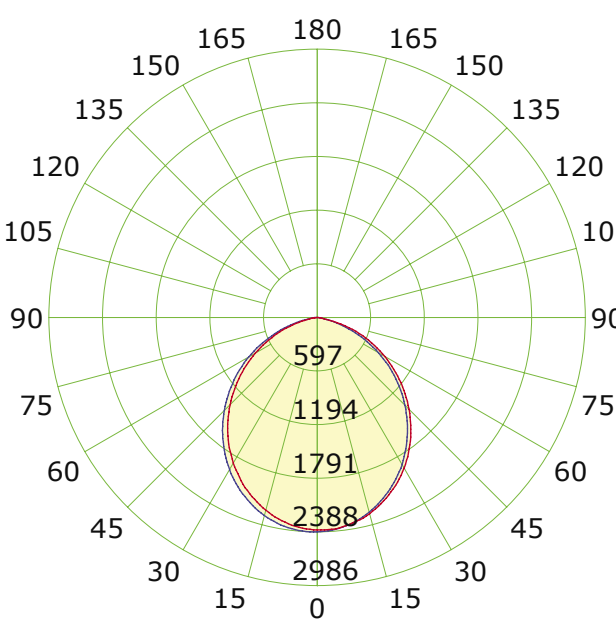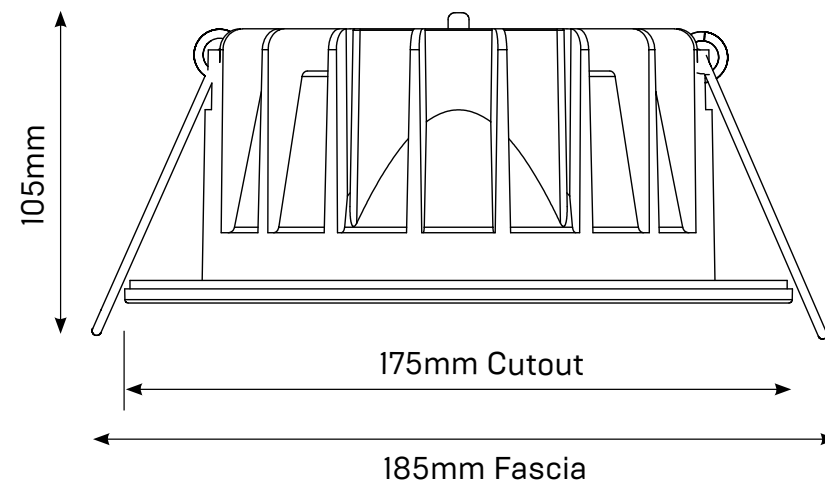
# AMBIUS

## Downlight
### 12W LED

**IC-F** ABUTTED & COVERED

ADARC12WS-2T
**Q5070860**

**90+ CRI**

- 850-950 LUMENS
- 80mm CUTOUT
- DIMMABLE
- IP44
- <UGR21

**3000K**
4000K
Switchable Colour Temp: TRUE 3000K & 4000K
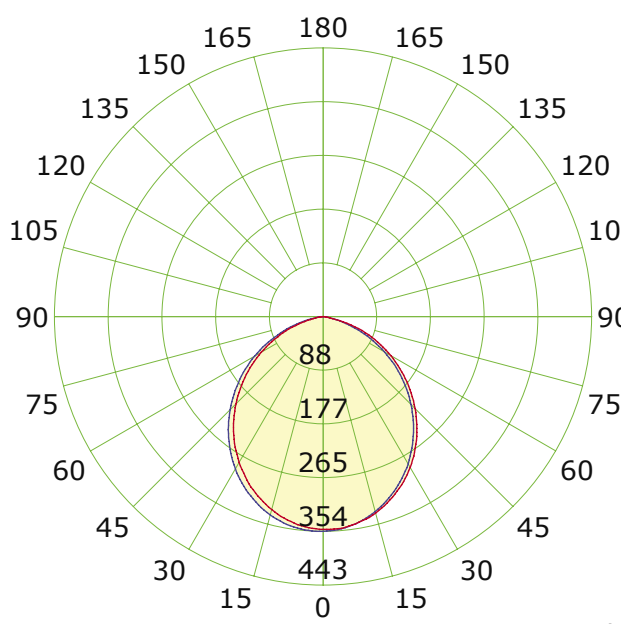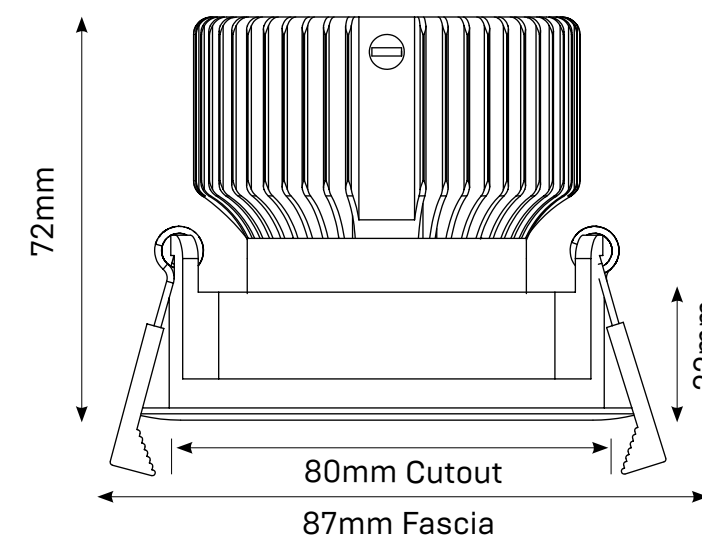
**LUMINAIRE SPECIFICATION:**

Model ADARC12WS-2T
Colour Temperature: 3000K 850 Lumens, 4000K 950 Lumens
Dimmable: Yes
Lumens: 850-950
Rating IC-F & IC-4
Wattage 12W
IP Rating: IP44
Input Voltage 220 ~ 240 Volts 50Hz
Includes a driver that can be abutted and covered.
Installation Diameter: Cutout is no less than 80mm (refer fascia diameter for retrofit installations)

72mm

22mm

80mm Cutout

87mm Fascia

Unit: cd
C0-C180   C90-C270

# AMBIUS

## 3T Downlight
### 6W LED

**IC-F** ABUTTED & COVERED

ADLED6W85D-3T

**Q5070590**

**LUMINAIRE SPECIFICATION:**

Model ADLED6W85D-3T
Rating IC-F
Wattage 6W
IP Rating IP44
Input Voltage 220 ~ 240 Volts 50Hz
Installation Hole Diameter 75-85mm
[refer fascia size for maximum coverage for retrofit installations]

### 3 COLOUR TEMPERATURES

| 3K | 4K | 5K |
|---|---|---|
| **WARM WHITE** 3000K | **NATURAL WHITE** 4000K | **DAYLIGHT** 5000K |
| Cosy and inviting "honey" tones which is closest to traditional lighting | Mimics the effect of natural light and has a very neutral effect | Crisp and refreshing light which is often used in Kitchens & Bathrooms |

- 550 LUMENS
- 75-85mm CUTOUT
- DIMMABLE
- IP44

54mm

96mm Diameter

## 3T Switch

Choose between option 3K/4K/5K colour temperatures with the flick of a switch.

## Remote Terminal

Mains connection can be made away from the downlight body.
Remote connection with large terminals provides easy installation and lower profile downlight

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# AMBIUS

## Downlight
### 12W LED

**IC-F** ABUTTED & COVERED

**3000K**

ADLED12W110D-3K

**Q5070910**

**LUMINAIRE SPECIFICATION:**

Model: ADLED12W110D-3K
Colour Temperature: True 3000K
Dimmable: Yes
Lumens: 850
Rating: IC-F & IC-4
Wattage: 12W
IP Rating: IP44 parts outside the ceiling
Input Voltage: 220 ~ 240 Volts 50Hz
Includes a driver that can be abutted and covered.
Installation Hole Diameter Cutout is no less than 90mm [refer fascia size for maximum coverage for retrofit installations]

90+ CRI

- 850 LUMENS
- 90mm CUTOUT
- DIMMABLE
- IP44
- ALUMINIUM
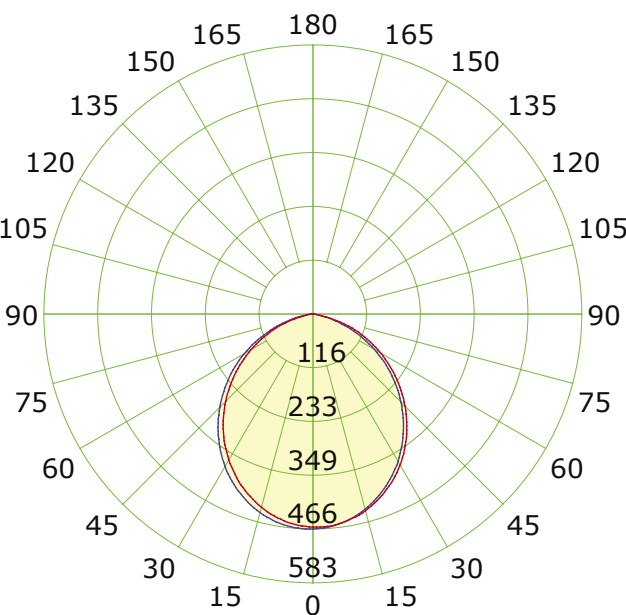
[Hard wired Driver incl. Large terminal]

44mm

90mm Cutout

110mm Fascia

180
165 165
150 150
135 135
120 120
105 105
90 90
75 75
60 60
45 45
30 30
15 15
0

116
233
349
466
583

Unit: cd

— C0-C180  — C90-C270

LED DRIVER (Included)

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# AMBIUS

## 2T Downlight
### 12W LED

**IC-F** ABUTTED & COVERED

**3000K**

**4000K**

Switchable Colour Temp:
TRUE 3000K & 4000K

ADLED12W110D-2T

**Q5070920**

**LUMINAIRE SPECIFICATION:**

Model: ADLED12W110D-2T
Colour Temperature: True 3000K & 4000K
Dimmable: Yes
Lumens: 850
Rating: IC-F & IC-4
Wattage: 12W
IP Rating: IP44 parts outside the ceiling
Input Voltage: 220 ~ 240 Volts 50Hz
Includes a driver that can be abutted and covered.
Installation Hole Diameter Cutout is no less than 90mm [refer fascia size for maximum coverage for retrofit installations]

90+ CRI

- 850 LUMENS
- 90mm CUTOUT
- DIMMABLE
- IP44
- ALUMINIUM
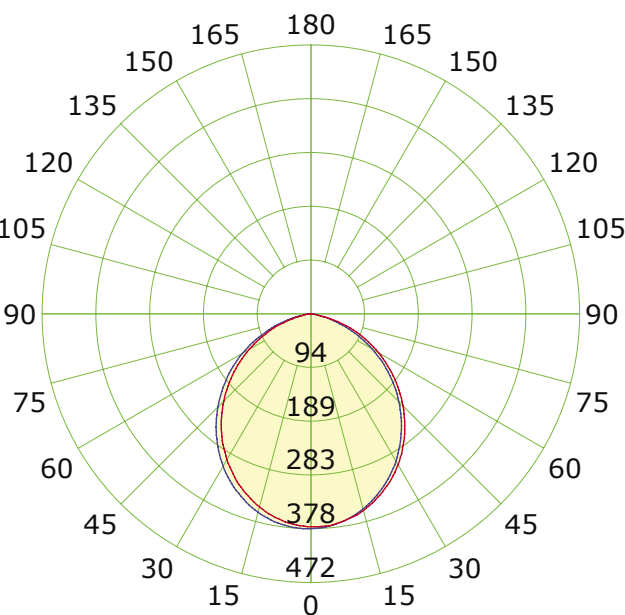
[Hard wired Driver incl. Large terminal]

45mm

90mm Cutout

110mm Fascia

180
165 165
150 150
135 135
120 120
105 105
90 90
75 75
60 60
45 45
30 30
15 15
0

94
189
283
378
472

Unit: cd

— C0-C180  — C90-C270

LED DRIVER (Included)