



Goldair

AMBIUS

Garden Lights

LIVING · KITCHEN · BATHROOM · UTILITY · EXTERIOR

RESIDENTIAL CATALOGUE

J. A. Russell Ltd
ELECTRICAL & DATA SUPPLIERS

Rodcliffe
ELECTRICAL

AMBIUS DOWNLIGHT RANGE

The Ambius Downlight range has been crafted for New Zealand homes. The range has been engineered to deliver exceptional performance at low cost and has a proven record of reliability. Ambius Downlights now are a key solution for lighting in New Zealand homes. There is a downlight to suit almost every application - new builds, retrofit, designer, task, ambience.

The range includes tilt, spot, deep recess and fire rated downlights providing extensive lighting options - we have you covered.



FEATURES AVAILABLE IN THE DOWNLIGHT RANGE:



INTERCHANGEABLE FASCIAS

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



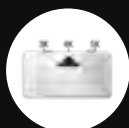
ABUTTED AND COVERED

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



FIRE RATED

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



COLOUR TEMPERATURE

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



QUICK WIRE

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



DOCUMENTATION

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



HIGH CRI

High CRI for exceptional colour rendering.



PRE-WIRE

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

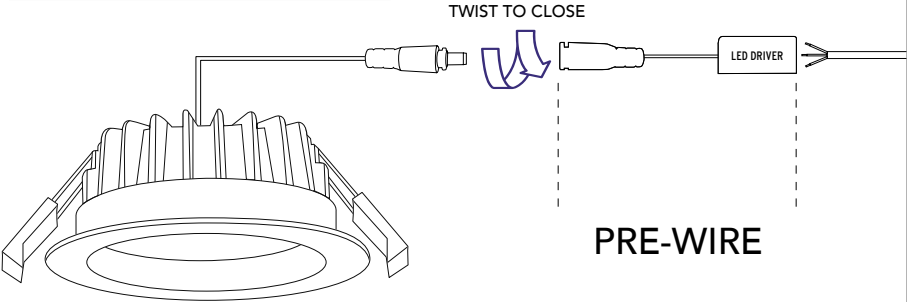
NOTE: please check the instruction manual for each product for clarification of the features included with each downlight.

CONNECTION METHODS

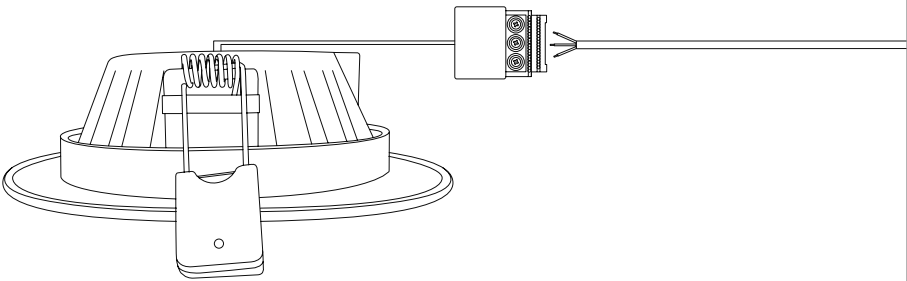
Everyone has slightly different preferences on how they choose to install downlights, we have a range of options to suit your needs. All our downlights come with large terminals and smart connections to make the installation quicker and safer.



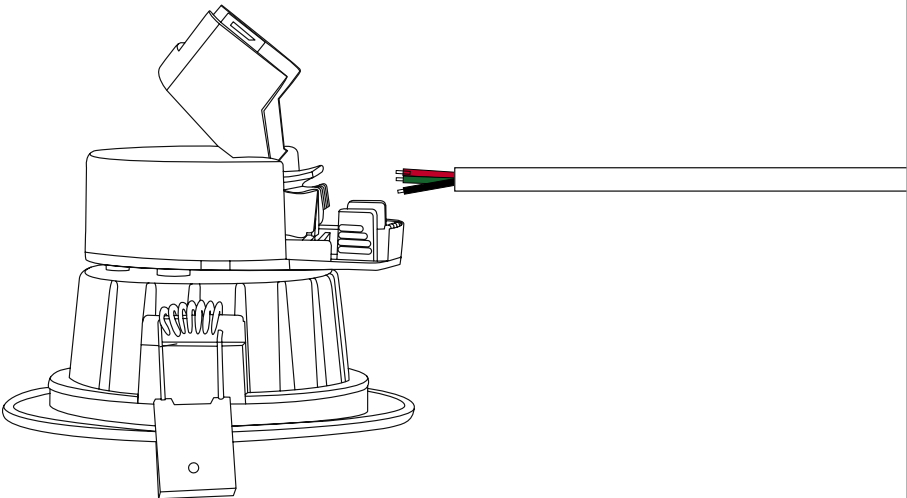
PRE-WIRE



REMOTE CONNECT

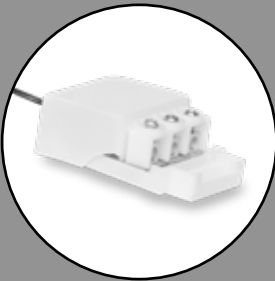


QUICK CONNECT



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.

COLOUR TEMP/3T/CCT

COLOUR CHANGE

Ambius has developed a range of downlights that provide a variety of lighting solutions. From changing the colour temperature on the downlight to choosing a high performance light, there is a downlight to suit your requirements.

3K

WARM WHITE
3000K

Cosy and inviting “honey” tones which are closest to traditional lighting

4K

NATURAL WHITE
4000K

Mimics the effect of natural light and has a very neutral effect

5K

DAYLIGHT
5000K

Crisp and refreshing light which is often used in kitchens & bathrooms

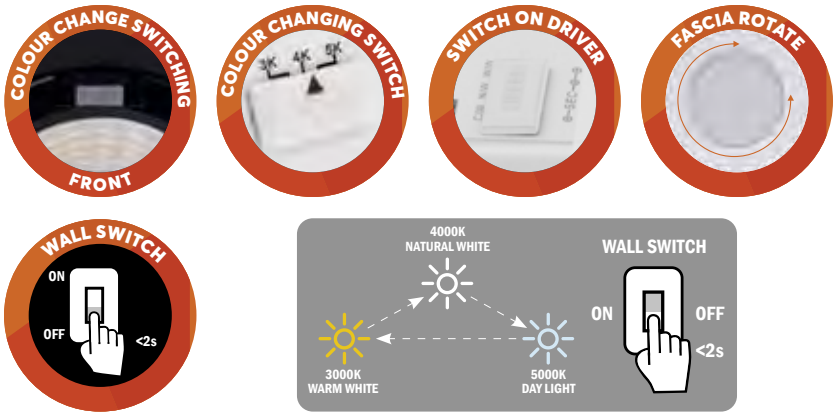


Change on Downlight

Various applications call for different colour temperatures. Ambius has provided a range where this is done with a simple click of a switch on the fitting. This can be either above or below ceiling – 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.



What is CRI?

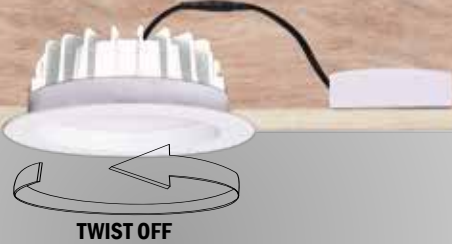
The CRI of LED is a colour rendering index. The CRI is a measure of a light’s ability to reproduce the colours of objects in comparison with a natural light source (CRI 100).




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

FASCIAS

Fascias are the perfect way to create a new look without changing your whole downlight. Simply twist off and replace. [refer to table]



TWIST OFF



OD110-SQWHI
SQUARE WHITE FASCIA

ADLED110-RSAT
RECESSED SATIN NICKEL

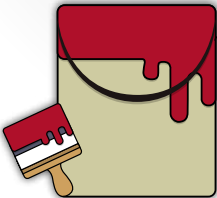
ADLED110-RWHI
RECESSED WHITE FASCIA

ADLED110-FSAT
FLAT SATIN NICKEL FASCIA

ADLED110-FWHI
FLAT WHITE FASCIA

OD110-RBLA
RECESSED BLACK

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.

FASCIAS	MODEL No.	PRONTO	ADLEDI2WII0DV2 Q5070535	ADLEDI2WII0D4KV2 Q5070555	ADLEDACI0W3T Q5070225	ADLEDACI0WCCT Q5070205
Flat Satin	ADLEDI10-FSAT	Q5070544	✓	✓	✓	✓
Flat White	ADLEDI10-FWHI	Q5070542	✓	✓	✓	✓
Recessed Black	ODI10-RBLA	704I0250	✓	✓	✓	✓
Recessed Satin	ADLEDI10-RSAT	Q5070546	✓	✓	✓	✓
Recessed White	ADLEDI10-RWHI	Q5070570	✓	✓	✓	✓
Square White Recessed	ODI10-SQWHI	704I0260	✓	✓	✓	✓
Gimble White Recessed	ODI15-GWHI	704I0270	✓	✓	✓	✓

PREMIUM COLLECTION

Ambius Premium Downlights have a proven record of reliability.
These affordable high performance downlights suit both new and retrofit applications.



Downlight Warm White 12W LED

IC-F
ABUTTED &
COVERED

3000K

4000K



ADLED12W110DV2
Q5070535

ADLED12W110D4KV2
Q5070555

Gimble Downlight Warm White 12W LED

IC-F
ABUTTED &
COVERED

3000K

4000K



ADLED12W115G3KV2
Q5070245

ADLED12W115G4KV2
Q5070265

Downlight Warm White 12W LED

IC-F
ABUTTED &
COVERED

3000K



ADLED12W144D
Q5070560



850
LUMENS

90mm
CUTOUT

DIMMABLE

IP44

CHANGEABLE
FASCIA



850
LUMENS

105mm
CUTOUT

DIMMABLE

IP44

GIMBLE
FASCIA



950
LUMENS

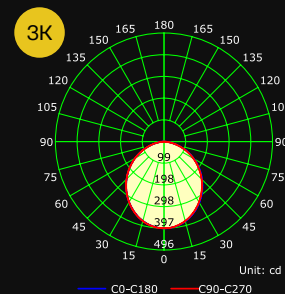
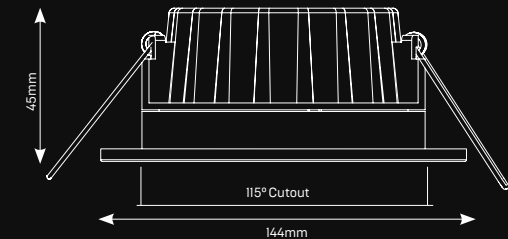
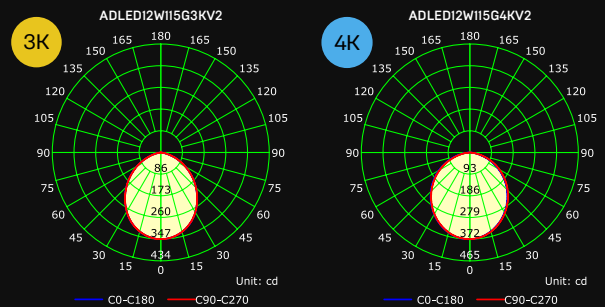
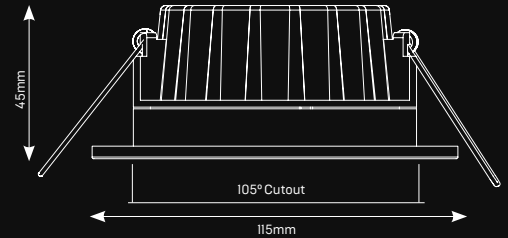
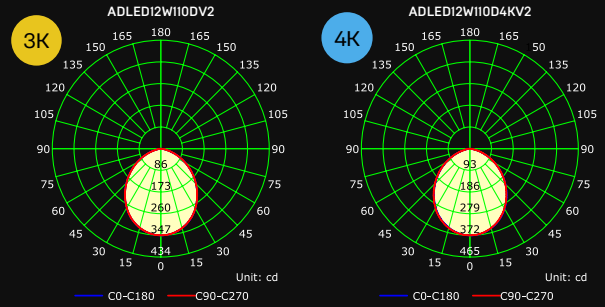
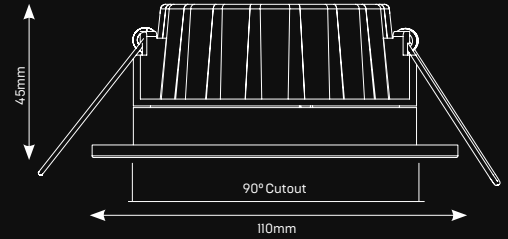
115mm
CUTOUT

DIMMABLE

IP44



AMBIUS



Various applications call for different colour temperatures. Ambius has provided a range where this is done with a simple click of a switch on the fitting or at the wall. This can be either above or below ceiling – check the options in the range



Quick Connect Downlight

10W LED

IC-F
ABUTTED &
COVERED

3K

4K

5K

COLOUR CHANGING SWITCH



ADLEDAC10W-3T
Q5070225



Tri-Colour Downlight

10W LED

IC-F
ABUTTED &
COVERED

3K

4K

5K

COLOUR CHANGING SWITCH



ADLEDAC10WCCT
Q5070205



Retro-Fit Downlight

12W LED

IC-F
ABUTTED &
COVERED

3K

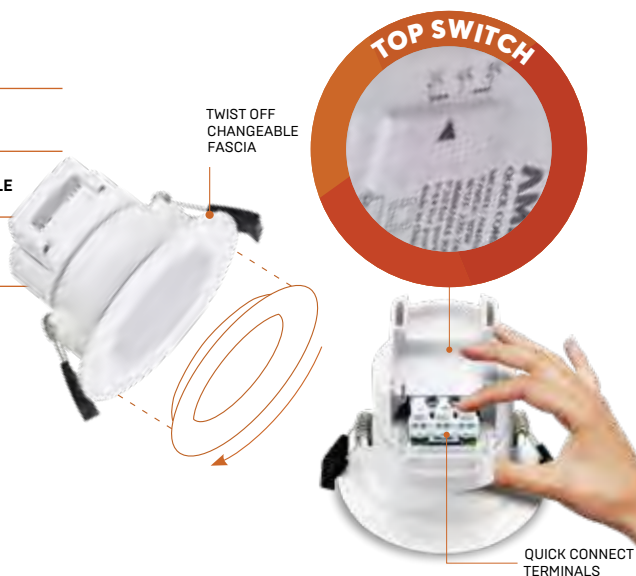
4K

5K

COLOUR CHANGING SWITCH



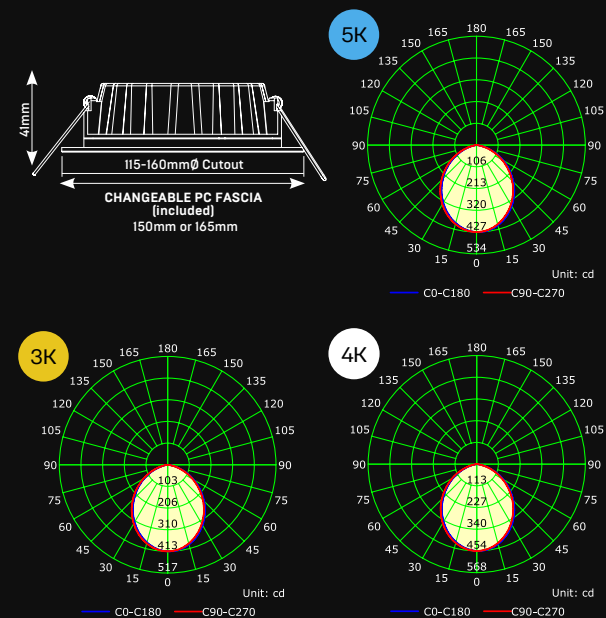
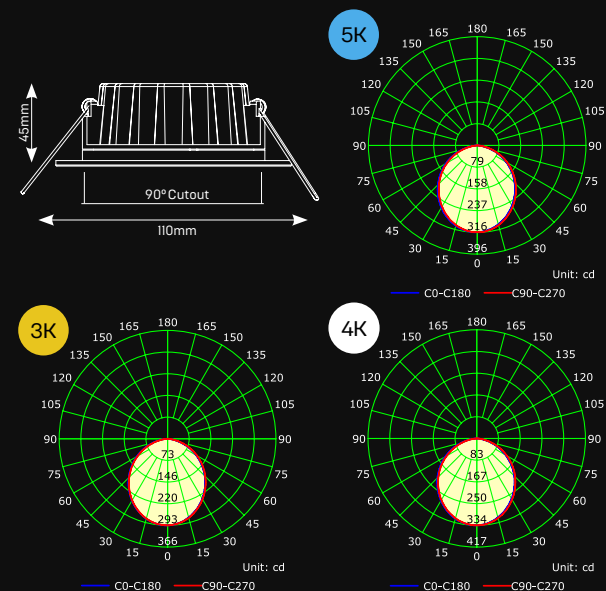
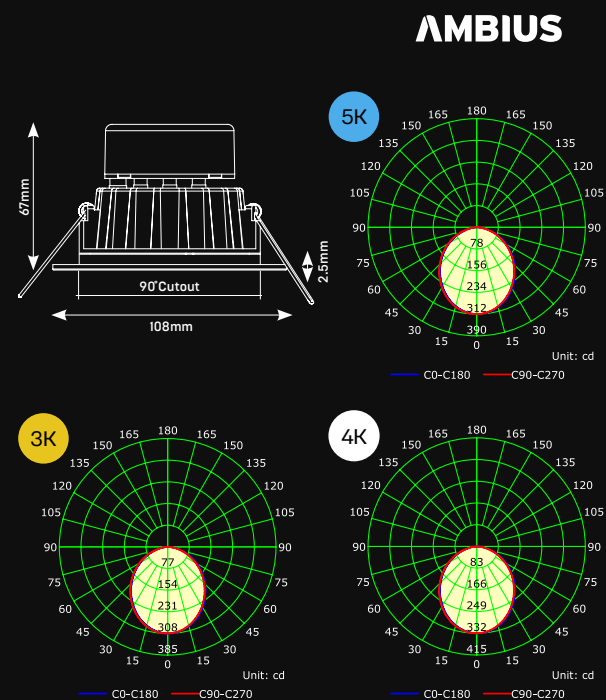
ADLEDAC12W165-3T
Q5070230



(See side of pack
for information)



*Cover smaller cut outs by changing to the 150mm fascia (included in the packaging)



COMPACT

These smaller cut out downlights provide a range packed with features. IP and Fire Rated downlights allow for multi-application and the reflector downlights replicate older halogen fittings.



Downlight Warm White

10W LED

IC-F
ABUTTED &
COVERED

3000K



ADLED10WD
Q5070520

ADLED10BD
Q5070490



Fire Rated Downlight

12W LED

IC-F
ABUTTED &
COVERED

3K

4K

6K

CLOUR CHANGING SWITCH



FIRE RATED
Meets standards
AS1530.4: 2014
30 & 60 Minutes

ADLFR12W110-3T
Q5070610



92mm Downlight

Warm White
8W LED

IC-F
ABUTTED &
COVERED

3000K



ADLED8QCW-92DV2
Q5070585



850
LUMENS

75mm
CUTOUT

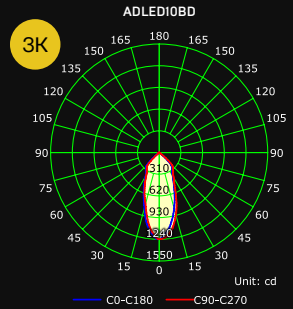
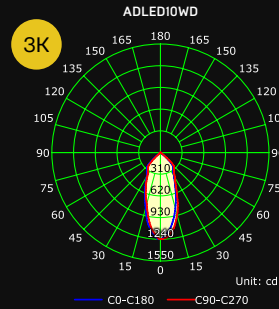
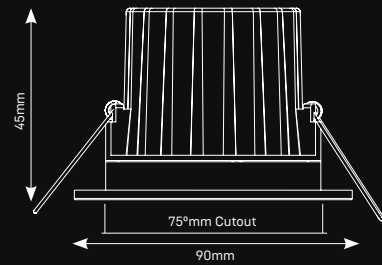
DIMMABLE

IP20



TWISTLOCK CONNECTION

AMBIUS



950
LUMENS

FIRE RATED
30 & 60
MINUTES

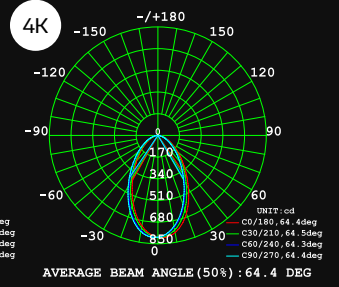
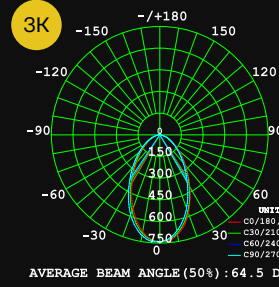
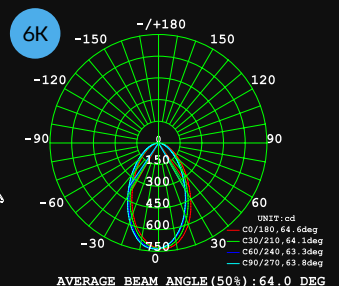
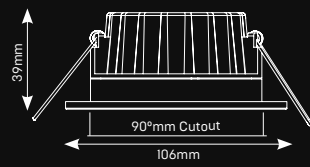
88mm
CUTOUT

DIMMABLE

IP65



TWISTLOCK CONNECTION

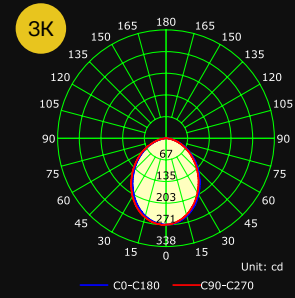
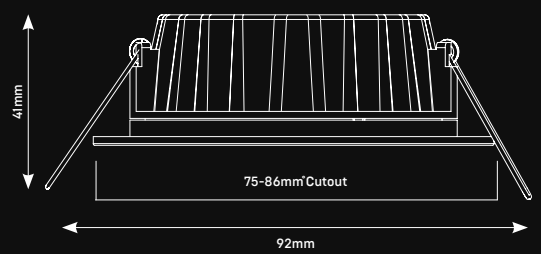


650
LUMENS

75-86mm
CUTOUT

DIMMABLE

IP44



AMBIUS

The Architectural Series form part of an Ambius designer range. The range which includes tilt, spot, deep recess downlights provide extensive lighting design options.

The Ambius downlight range has been crafted for New Zealand homes. We have engineered products that are compliant and reliable while still delivering exceptional performance.



PACKAGING

Iconography displaying key features

Window Cut-out to view actual product inside packaging

Specifications - lamp type, wattage, voltage, beam spreads, and colour temperature

More features and information related to the product

BACK

Full product image

Deep Recess Downlight

12W LED
Warm White

IC-F
ABUTTED &
COVERE

3000K



ADARC12WS
Q5070720

Round Tilt Downlight

12W LED
Warm White

IC-F
ABUTTED &
COVERE

3000K



ADARC12WSRDT
Q5070730

Square Tilt Downlight

12W LED
Warm White

IC-F
ABUTTED &
COVERE

3000K



ADARC12WSSQT
Q5070740

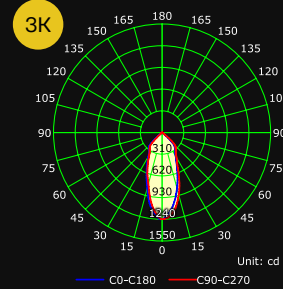
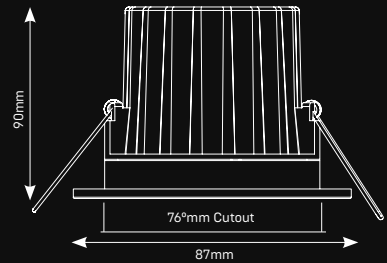
90+ CRI

900 LUMENS

76mm CUTOUT

DIMMABLE

TWISTLOCK CONNECTION



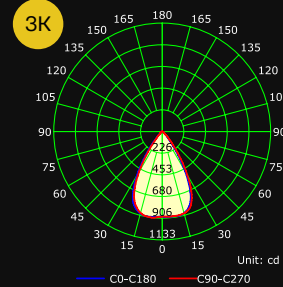
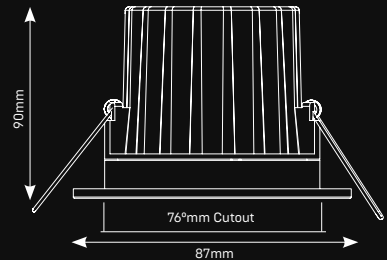
90+ CRI

900 LUMENS

76mm CUTOUT

DIMMABLE

TWISTLOCK CONNECTION



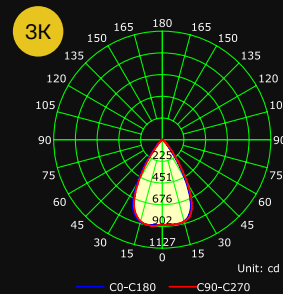
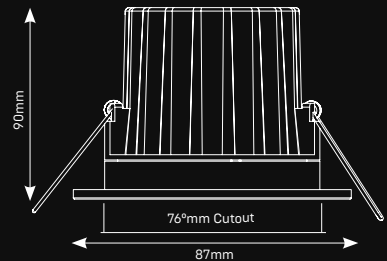
90+ CRI

900 LUMENS

76mm CUTOUT

DIMMABLE

TWISTLOCK CONNECTION



ARCHITECTURAL SERIES



Spotlight Downlight

12W LED
Warm White

IC-F
ABUTTED &
COVERE



3000K

ADARC12WSSPT
Q5070710

Deep Recess Downlight

12W LED
Warm White

IC-F
ABUTTED &
COVERE



3000K

ADARC12WLDRB
Q5070790

Deep Recess Downlight

12W LED
Warm White

IC-F
ABUTTED &
COVERE



3000K

ADARC12WLDRW
Q5070780

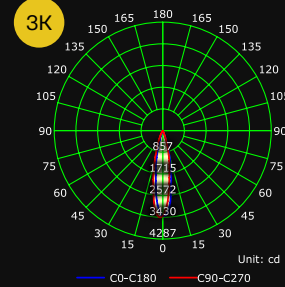
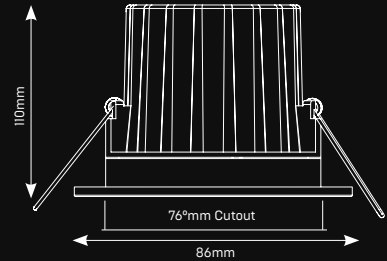
90+ CRI

570 LUMENS

76mm CUTOUT

DIMMABLE

TWISTLOCK CONNECTION



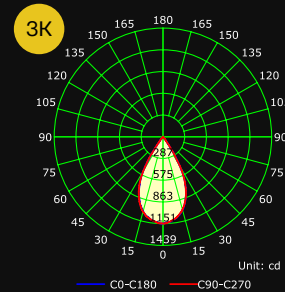
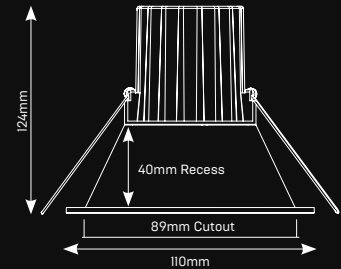
90+ CRI

900 LUMENS

89mm CUTOUT

DIMMABLE

TWISTLOCK CONNECTION



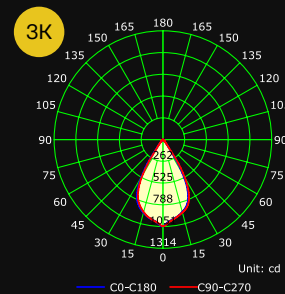
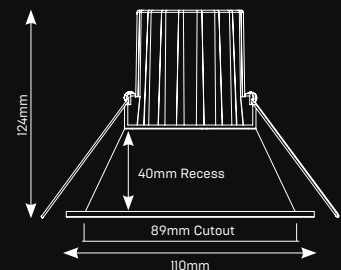
90+ CRI

900 LUMENS

89mm CUTOUT

DIMMABLE

TWISTLOCK CONNECTION



COMMERCIAL DOWNLIGHTS



EASY INSTALLATION
• LARGE TERMINALS

DOWNLIGHT ADL20W192

- Aluminium & Acrylic Finish
- 4000K
- 220-240VAC 50Hz
- 20W Integrated LED



IC-F
ABUTTED &
COVERED

LED

20 WATTS

NEW

2000 LUMENS

DIMMABLE

ALUMINIUM & ACRYLIC

Q5070270

[Available December 2019]

DOWNLIGHT ADL30W220-260

- Aluminium & Acrylic Finish
- 4000K
- 220-240VAC 50Hz
- 30W Integrated LED



IC-F
ABUTTED &
COVERED

LED

30 WATTS

NEW

3000 LUMENS

DIMMABLE

ALUMINIUM & ACRYLIC

220 260

EXPANSION RING

*By adding the 260mm Ring (included) to this downlight you easily increase your installation options.

Q5070280

[Available December 2019]

DOWNLIGHTS WARRANTY 3 years on Driver. 3 years on Fitting

- The warranty on downlights is from the date of purchase and against defects in the material and / or workmanship.
- This warranty is subject to the products being installed, wired, operated and used in accordance with the instructions and specifications.
- Any alterations or modifications made to the products 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.

DOWNLIGHT SPECIFICATION GUIDE

PRONTO	AMBIUS CODE	WATTS	LUMENS	SIZE	CUT OUT	MATERIAL	DIMMABLE	CRI	IP	DRIVER CONNECTION	COLOUR TEMP	SWITCHABLE	FASCIA
Q5070585	ADLED8QCW-92DV2	8W	650	92mm	76mm	WHITE PC	YES	80	IP44	REMOTE	3000K	NO	FIXED
Q5070225	ADLEDAC10W-3T	10W	850	110mm	90mm	WHITE PC	YES	80	IP44	INTEGRATED	3/4/5000K	ON PRODUCT	CHANGEABLE
Q5070205	ADLEDAC10WCCT	10W	800	110mm	90mm	WHITE PC	YES	80	IP44	REMOTE	3/4/5000K	AT LIGHT SWITCH	CHANGEABLE
Q5070230	ADLEDAC12W165-3T	12W	950	150-165mm	115-160mm	WHITE PC	YES	80	IP44	REMOTE	3/4/5000K	ON DRIVER	CHANGEABLE
Q5070560	ADLED12W144D	12W	950	144mm	115mm	ALUMINIUM	YES	80	IP44	SEPARATE	3000K	NO	FIXED
Q5070535	ADLED12W110DV2	12W	850	110mm	90mm	ALUMINIUM	YES	90+	IP44	SEPARATE	3000K	NO	CHANGEABLE
Q5070555	ADLED12W110D4KV2	12W	850	110mm	90mm	ALUMINIUM	YES	90+	IP44	SEPARATE	4000K	NO	CHANGEABLE
Q5070245	ADLED12W115G3KV2	12W	850	115mm	105mm	ALUMINIUM	YES	90+		SEPARATE	3000K	NO	FIXED
Q5070265	ADLED12W115G4KV2	12W	850	115mm	105mm	ALUMINIUM	YES	90+		SEPARATE	4000K	NO	FIXED
Q5070270	ADL20W192	20W	2000	192mm	175mm	ALUMINIUM	YES	80	IP44	SEPARATE	4000K	NO	FIXED
Q5070280	ADL30W220-260	30W	3000	220-260mm	200-245mm	ALUMINIUM	YES	80	IP44	SEPARATE	4000K	NO	CHANGEABLE
Q5070610	ADLFR12W110-3T	12W	950	106mm	88mm	STEEL	YES	80	IP65	SEPARATE	3/4/6000K	ON PRODUCT	FIXED
Q5070520	ADLED10WD	10W	850	90mm	75mm	ALUMINIUM	YES	90+		SEPARATE	3000K	NO	FIXED
Q5070490	ADLED10BD	10W	850	90mm	75mm	ALUMINIUM	YES	90+		SEPARATE	3000K	NO	FIXED
Q5070720	ADARC12WS	12W	900	87mm	76mm	ALUMINIUM	YES	90+		SEPARATE	3000K	NO	FIXED
Q5070730	ADARC12WSRDT	12W	900	87mm	76mm	ALUMINIUM	YES	90+		SEPARATE	3000K	NO	FIXED
Q5070740	ADARC12WSSQT	12W	900	87mm	76mm	ALUMINIUM	YES	90+		SEPARATE	3000K	NO	FIXED
Q5070710	ADARC12WSSPT	12W	570	86mm	76mm	ALUMINIUM	YES	90+		SEPARATE	3000K	NO	FIXED
Q5070780	ADARC12WLDWRW	12W	900	110mm	89mm	ALUMINIUM	YES	90+		SEPARATE	3000K	NO	FIXED
Q5070790	ADARC12WLDWRB	12W	900	110mm	89mm	ALUMINIUM	YES	90+		SEPARATE	3000K	NO	FIXED

AMBIUS ICONOGRAPHY

Identifying each product clearly makes product selection simple.



LUMENS



FIRE RATED
30 & 60
MINUTES



CUTOUT



IP RATING



DIMMABLE



IK10



TWISTLOCK
CONNECTION



DOUBLE
INSULATED

COLOUR TEMPERATURE

3000K

5000K

4000K

6000K



CHANGEABLE
FASCIA



GIMBLE
FASCIA





lighting
solutions

J. A. Russell Ltd is proud to have a national in-house team of tertiary qualified staff dedicated to the art of lighting. This service offers our customers independent, expert advice on their lighting requirements, latest trends and innovation.

With every project we aim to provide a solution that is within the clients budget, time constraints and lighting requirements. At J. A. Russell Ltd we look forward to working with you on your next Lighting Solution requirements.

GETTING THE RIGHT LIGHT FOR THE RIGHT PLACE

Lighting can have a big impact on the overall feel and functionality of a home; today there are so many options and products it is important to get it right. Each room needs to be carefully considered as to which lighting solution will provide the desired result to meet your needs.



GENERAL LIGHTING

General or background lighting plays the part of daylight in the home and is usually provided by a central light(s) on the ceiling.

If supplemented by some other types of lighting you'll get great flexibility with your lighting scheme.



ACCENT LIGHTING

Accent lighting gives focus and texture to your general lighting.

It can add depth and shade creating shadows or pools of light. Spotlights and wall lights are common fittings used for this purpose, but you can also use directional pendants and table lamps.



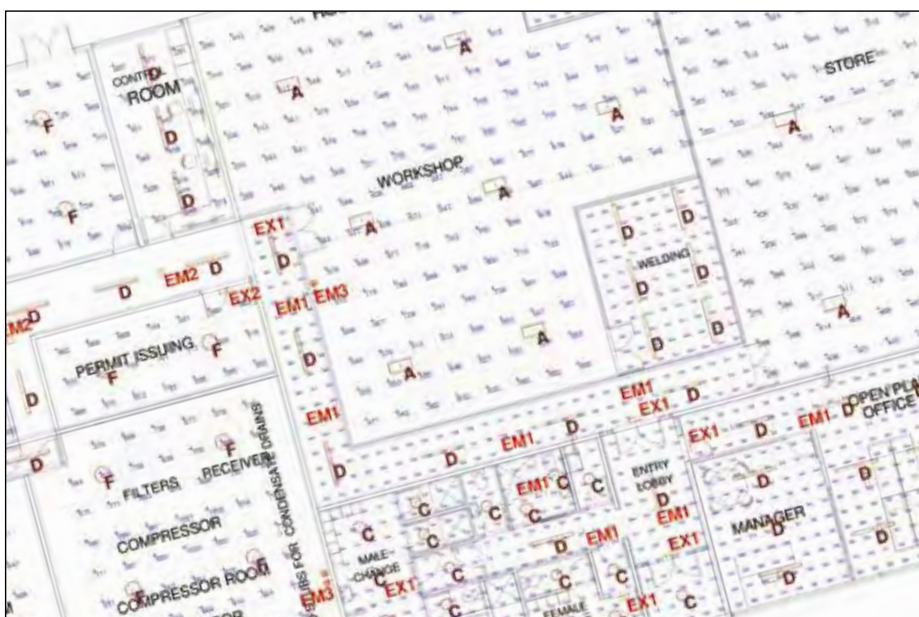
TASK LIGHTING

Task lighting is a light you need to do a specific job. Whether it is reading, working at a computer, cooking or drawing, it needs to be focused on the area you are using.

At J. A. Russell Ltd, lighting is a core focus of our business. We stock an extensive range of lighting products across the industrial, commercial & residential lighting markets.

Our national in-house award winning Lighting Solutions team, can provide expert advice on all lighting requirements.

We can engineer quality compliant lighting designs to suit every project.



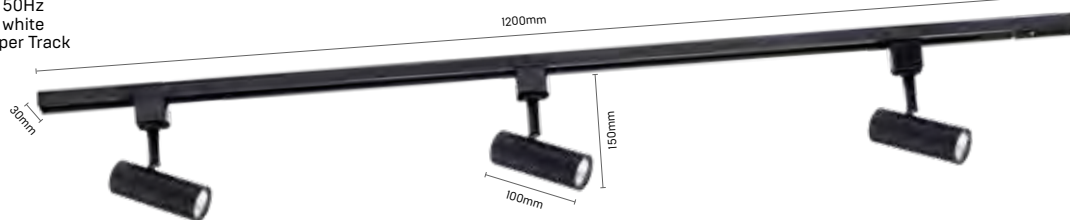
Ambius Residential Lighting provides practical solutions for the entire home, both, inside and outside. Check out the complete range available from both kitchens and bathrooms right through to outdoor living and gardens.

NEW

TRACK KIT

TRACK LIGHT 3 SPOT KIT ATLKIT15W1200B

- Adjustable heads
- 15W Total
- 1350 Lumens
- 220-240VAC 50Hz
- 3000K warm white
- Max 5 spots per Track



LED
COMPATIBLE

15W WATTS

1350 LUMENS

BLACK METAL

Q5I30020

[Available December 2019]

TRACK LIGHT SPOT ATRACKSPOT

- Adjustable head
- 5W
- 450 Lumens
- 220-240VAC 50Hz
- 3000K warm white
- Compatible with ATRACKBAR12
- Compatible with ATLKIT15W1200B



LED
COMPATIBLE

5W WATTS

450 LUMENS

BLACK METAL

Q5I30030

[Available December 2019]

TRACK BAR 1.2M ATRACKBAR12

- Ideal to extend spotlight kit
- Complete with stop ends
- 220-240VAC 50Hz
- Compatible with ATRACKSPOT
- Compatible with ATRACKCON
- Compatible with ATRACKCNR



Q5I30040

[Available December 2019]

TRACK LIGHT CONNECTOR ATRACKCON

- Compatible with ATRACKBAR12
- Compatible with ATLKIT15W1200B

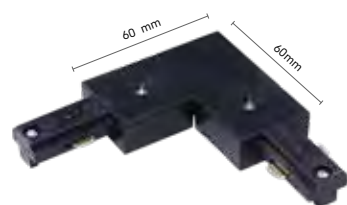


Q5I30050

[Available December 2019]

TRACK LIGHT CORNER ATRACKCNR

- Compatible with ATRACKBAR12
- Compatible with ATLKIT15W1200B



Q5I30060

[Available December 2019]

NEW

LINEAR PENDANT

LINEAR PENDANT WITH SUSPENSION ACB24W1200-B

- Pendant or surface mounted
- Colour changing switch
- 3000K/4000K/6000K
- 24W
- 1900 Lumens
- 220-240VAC 50Hz
- Suspension kit 1.2m max

Colour changing switch
3000K/4000K/6500K



LED
COMPATIBLE

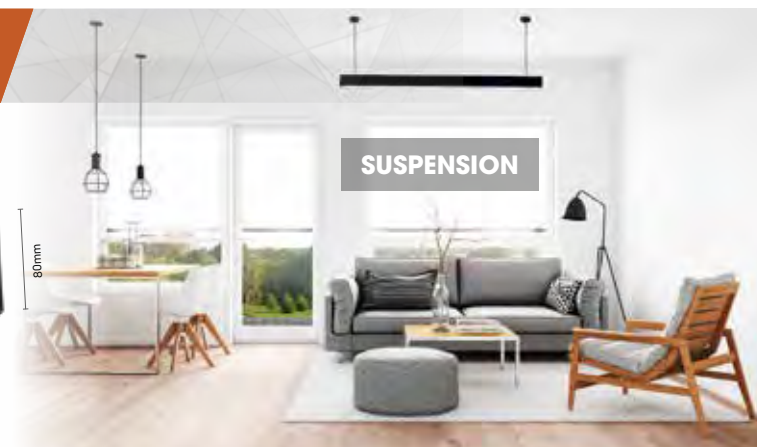
24W WATTS

1900 LUMENS

BLACK METAL

Q5I01020

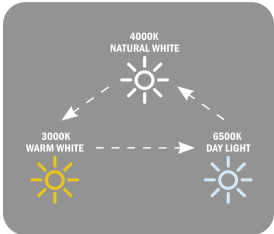
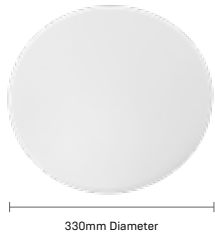
[Available December 2019]



CEILING LIGHTS

TRI-COLOUR SLIM CEILING LIGHT ACL18WCCT

- 120° Beam Angle
- Estimated life: 25,000 hrs
- Colour Temperature: 3000K/4000K/6500K
- 220-240VAC 50Hz



3K 4K 6.5K

18 WATTS

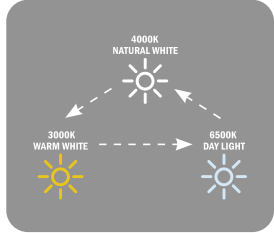
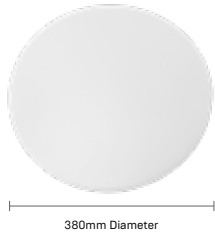
1260 LUMENS

IP20

POLY CARBONATE

TRI-COLOUR SLIM CEILING LIGHT ACL24WCCT

- 120° Beam Angle
- Estimated life: 25,000 hrs
- Colour Temperature: 3000K/4000K/6500K
- 220-240VAC 50Hz



3K 4K 6.5K

24 WATTS

1680 LUMENS

IP20

POLY CARBONATE

WEATHER PROOF CEILING LIGHT ACL300

- Polycarbonate Construction
- Ingress Protection: IP65
- Estimated Life: 25,000 hrs
- Colour Temperature: 4000K
- 220-240VAC 50Hz
- 18W Integrated LED (LED is not replaceable)
- Double Insulated



LED

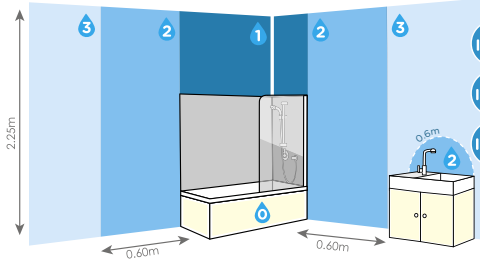
SDOC ENCLOSED

18 WATTS

1300 LUMENS

IP65

POLY CARBONATE



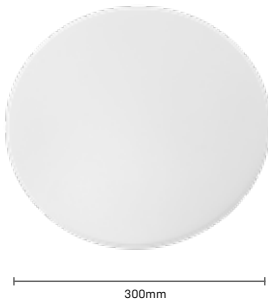
IP67 Suitable for Zone 0

IP44 Suitable for Zone 1,2,3

IP20 Suitable for Zone 3

CEILING LIGHT ACL25W-3T

- Polycarbonate Construction
- Ingress Protection: IP54
- Estimated Life: 25,000 hrs
- 220-240VAC 50Hz
- 25W Integrated LED (LED is not replaceable)
- 3 Colour Switch: 3K, 4K, 5K
- Double Insulated



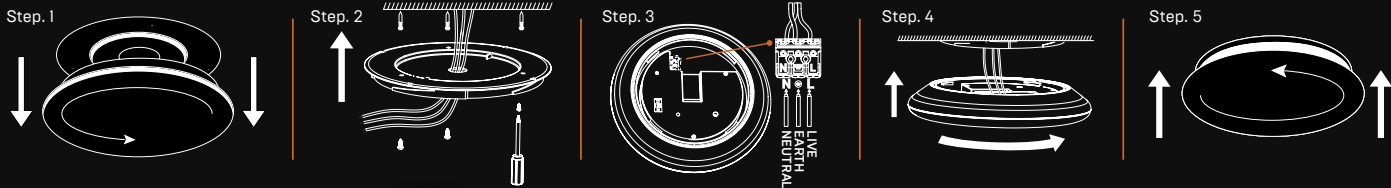
LED

2300 LUMENS

DIMMABLE

IP54

IK10




3K
WARM WHITE
3000K
Cosy and inviting "honey" tones which are closest to traditional lighting

4K
NATURAL WHITE
4000K
Mimics the effect of natural light and has a very neutral effect

5K
DAYLIGHT
5000K
Crisp and refreshing light which is often used in kitchens & bathrooms

LINEAR LIGHTS

WAVE CEILING LIGHT ACWL600V2

- Plastic & Painted Metal Construction
- Colour Temperature: 4000K
- Indoor Use
- 220-240VAC 50Hz
- 18W Integrated LED (LED is not replaceable)
-  Double Insulated




LED

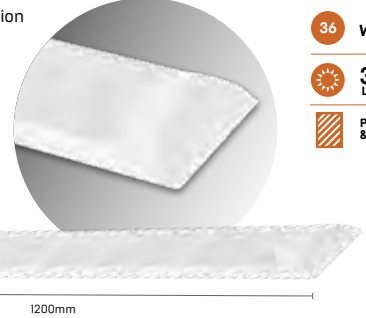
 **18 WATTS**

 **3600 LUMENS**


 **PLASTIC & METAL**


WAVE CEILING LIGHT ACWL1200V2


- Plastic & Painted Metal Construction
- Colour Temperature: 4000K
- Indoor Use
- 220-240VAC 50Hz
- 36W Integrated LED (LED is not replaceable)
-  Double Insulated



LED

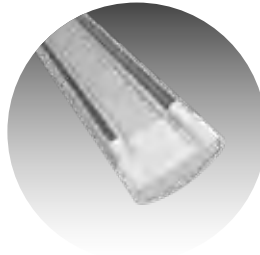
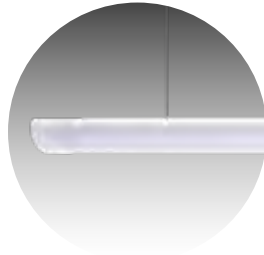
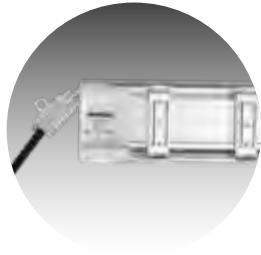
 **36 WATTS**

 **7200 LUMENS**

 **PLASTIC & METAL**

Q5030070

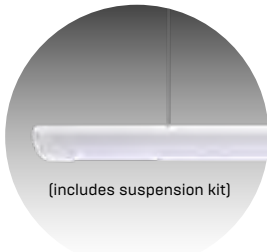
Q5030090



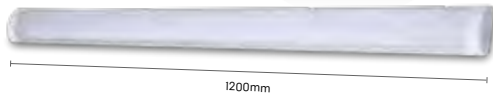
- Flush Ceiling mount
- Mounting brackets for easy installation
- Prewired with 1900mm flex and terminal block
- Suspension Kit option included
- Recessed rear channel for easy wiring

1.2 BATTEN ALBI200S

- Aluminium body with plastic diffuser
- Colour Temperature: 4000K
- Indoor or Outdoor
- 220-240VAC 50Hz
- 40W Integrated LED (LED is not replaceable)



(includes suspension kit)



LED

 **40 WATTS**

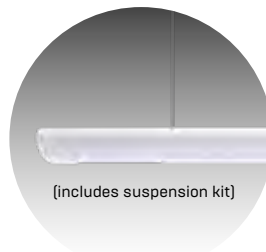
 **3600 LUMENS**

 **IP44**

 **PLASTIC & METAL**

1.5 BATTEN ALBI500S


- Aluminium body with plastic diffuser
- Colour Temperature: 4000K
- Indoor or Outdoor
- 220-240VAC 50Hz
- 60W Integrated LED (LED is not replaceable)





(includes suspension kit)




LED

 **60 WATTS**

 **5400 LUMENS**


 **IP44**

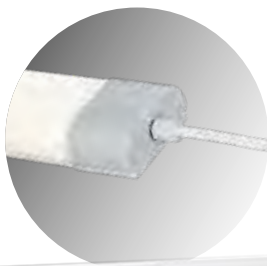
 **PLASTIC & METAL**

Q5120040

Q5120060

IP65 BATTEN LIGHT ALBI200IP

- Polycarbonate Construction
- Ingress Protection: IP65
- Estimated Life: 20,000 hrs
- 220-240VAC 50Hz
- 36W Integrated LED (LED is not replaceable)
- Colour Temperature: 4000K
- 2M Flex and plug
-  Double Insulated



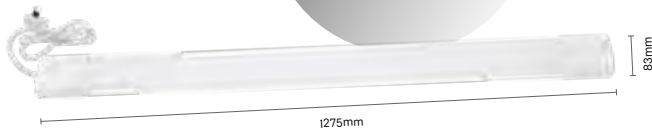
LED

 **36 WATTS**


 **3600 LUMENS**

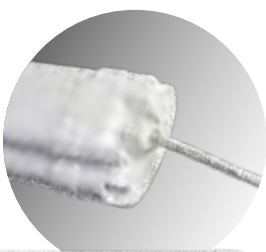
 **IP65**

 **POLY CARBONATE**



IP65 HIGH LUMEN BATTEN ALBI500IP

- Polycarbonate Construction
- Ingress Protection: IP65
- Estimated Life: 25,000 hrs
- 220-240VAC 50Hz
- 70W Integrated LED (LED is not replaceable)
- Colour Temperature: 4000K
- 2M Flex and plug
-  Double Insulated



LED

 **70 WATTS**

 **7000 LUMENS**

 **IP65**

 **POLY CARBONATE**

HIGH LUMEN



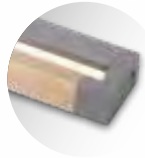
Q5120020

Q5120080

LINEAR LIGHTS

MIRROR LIGHT ALMIR6LED600

- Aluminium & Acrylic Finish
- Colour Temperature: 4000K
- 220-240VAC 50Hz
- 10W Integrated LED



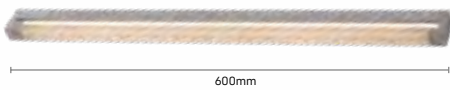
LED

10 WATTS

400 LUMENS

SUITABLE ZONE 3

ALUMINIUM & ACRYLIC



Q5030320

MIRROR LIGHT ALMIR6LED900

- Aluminium & Acrylic Finish
- Colour Temperature: 4000K
- 220-240VAC 50Hz
- 14W Integrated LED



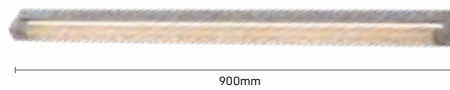
LED

14 WATTS

900 LUMENS

SUITABLE ZONE 3

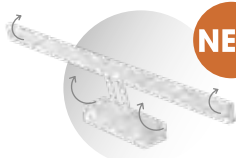
ALUMINIUM & ACRYLIC



Q5030340

ADJUSTABLE MIRROR LIGHT AMIRADJ600W

- 4000K cool white
- 220-240VAC 50Hz
- 12W Integrated LED
- White



NEW

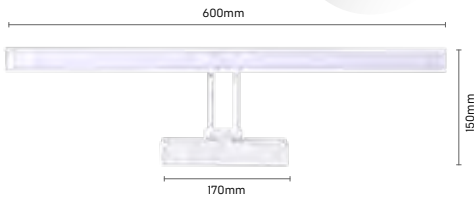
LED

12 WATTS

800 LUMENS

IP44

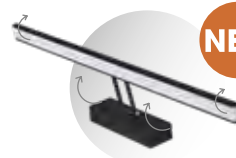
PLASTIC & METAL



Q5030360 [Available December 2019]

ADJUSTABLE MIRROR LIGHT AMIRADJ600B

- 4000K cool white
- 220-240VAC 50Hz
- 12W Integrated LED
- Black



NEW

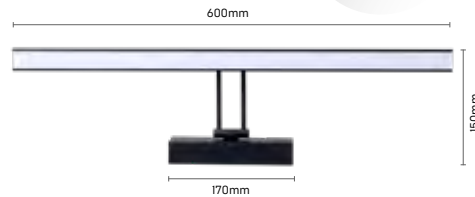
LED

12 WATTS

800 LUMENS

IP44

PLASTIC & METAL



Q5030350 [Available December 2019]

CABINET LIGHT ACL10W

- Aluminium & Polycarbonate Finish
- Colour Temperature: 4000K
- 220-240VAC 50Hz
- 10W Integrated LED (LED is not replaceable)
- Double Insulated

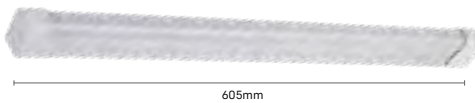


LED

10 WATTS

900 LUMENS

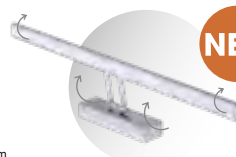
ALUMINIUM & PC



Q5030220

ADJUSTABLE MIRROR LIGHT AMIRADJ600CH

- 4000K cool white
- 220-240VAC 50Hz
- 12W Integrated LED
- Chrome



NEW

LED

12 WATTS

800 LUMENS

IP44

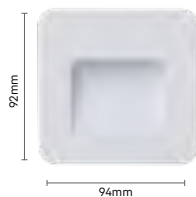
PLASTIC & METAL



Q5030370 [Available December 2019]

STEP LIGHT SQUARE ASLSQLED

- Aluminium Construction
- Indoor and Outdoor Use
- Colour Temperature: 4000K
- 220-240VAC 50Hz
- 4W Integrated LED (LED is not replaceable)
- Double Insulated



LED

4 WATTS

100 LUMENS

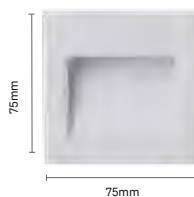
IP54

WHITE ALUMINIUM

Q5110020

MINI STEP LIGHT ASLSQLED5

- Aluminium Construction
- Indoor Use
- Colour Temperature: 4000K
- 220-240VAC 50Hz
- 1W Integrated LED (LED is not replaceable)
- Double Insulated



LED

1 WATT

70 LUMENS

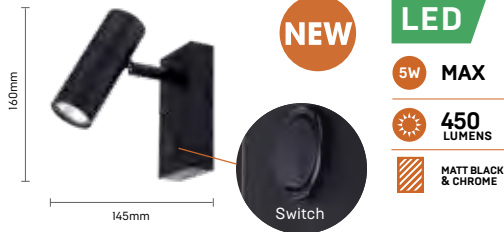
WHITE ALUMINIUM

Q5110030

SPOTLIGHTS

SPOTLIGHT SWITCHED ASLIISWB

- Colour Temperature: 3000K
- 220-240VAC 50Hz
- 5W Integrated LED (not replaceable)



Q5000340 [Available December 2019]

SINGLE LED SPOTLIGHT ASLED21

- Fully Adjustable
- Colour Temperature: 3000K
- 220-240VAC 50Hz
- 4W Integrated LED (not replaceable)



Q5000320

SINGLE SPOTLIGHT ASLED31

- Fully Adjustable
- 10W Max
- GU10 Lamp Base
- 220-240VAC 50Hz
- Lamps (not included)



Q5000410

SINGLE SPOTLIGHT ASLED41

- Fully Adjustable
- 10W Max
- GU10 Lamp Base
- 220-240VAC 50Hz
- Lamps (not included)



Q5000460

SINGLE SPOTLIGHT ASDLED561W

- Fully Adjustable
- 5W Max
- 220-240VAC 50Hz



Q5000350 [Available December 2019]

SINGLE SPOTLIGHT ASDLED561B

- Fully Adjustable
- 5W Max
- 220-240VAC 50Hz



Q5000370 [Available December 2019]

TRIPLE LED SPOTLIGHT ASLED23

- Fully Adjustable
- Colour Temperature: 3000K
- 220-240VAC 50Hz
- 3 x 4W Integrated LED (not replaceable)



Q5000330

TRIPLE SPOTLIGHT ASLED33

- Fully Adjustable
- 3 x 10W Max
- GU10 Lamp Base
- 220-240VAC 50Hz
- Lamps (not included)



Q5000430

TRIPLE SPOTLIGHT ASLED43

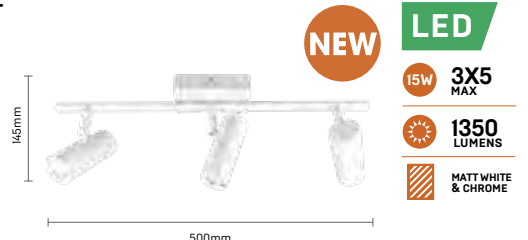
- Fully Adjustable
- 3 x 10W Max
- GU10 Lamp Base
- 220-240VAC 50Hz
- Lamps (not included)



Q5000480

TRIPLE SPOTLIGHT ASDLED563W

- Fully Adjustable
- 3 x 5W Max
- 220-240VAC 50Hz



Q5000360 [Available December 2019]

TRIPLE SPOTLIGHT ASDLED563B

- Fully Adjustable
- 3 x 5W Max
- 220-240VAC 50Hz



Q5000380 [Available December 2019]

PENDANTS

OLIVIA PENDANT
OBPL7032-WHI

- Metal Shade
- Adjustable Suspension (1450mm)
- E27 40W (not included)
- LED compatible recommend ALAEI230



Q5101070

ORBIT
LIGHTING

LED
COMPATIBLE

40 MAXIMUM
WATTS

E27 LAMP
TYPE

METAL

OLIVIA PENDANT
OBPL7032-BLA

- Metal Shade
- Adjustable Suspension (1450mm)
- E27 40W (not included)
- LED compatible recommend ALAEI230



Q5101060

ORBIT
LIGHTING

LED
COMPATIBLE

40 MAXIMUM
WATTS

E27 LAMP
TYPE

METAL

LILY PENDANT
OBPL7022-WHI

- Wood & Metal Shade
- Adjustable Suspension (1450mm)
- E14 25W (not included)
- LED compatible recommend OLCE430



Q5101020

ORBIT
LIGHTING

LED
COMPATIBLE

25 MAXIMUM
WATTS

E14 LAMP
TYPE

WOOD & METAL

LILY PENDANT
OBPL7022-BLA

- Wood & Metal Shade
- Adjustable Suspension (1450mm)
- E14 25W (not included)
- LED compatible recommend OLCE430



Q5101010

ORBIT
LIGHTING

LED
COMPATIBLE

25 MAXIMUM
WATTS

E14 LAMP
TYPE

WOOD & METAL

POLLY PENDANT
OBPL7036-WHI

- Metal Shade
- Adjustable Suspension (1450mm)
- E27 40W (not included)
- LED compatible recommend ALAEI230



Q5101100

ORBIT
LIGHTING

LED
COMPATIBLE

40 MAXIMUM
WATTS

E27 LAMP
TYPE

METAL

POLLY PENDANT
OBPL7036-BLA

- Metal Shade
- Adjustable Suspension (1450mm)
- E27 40W (not included)
- LED compatible recommend ALAEI230



Q5101090

ORBIT
LIGHTING

LED
COMPATIBLE

40 MAXIMUM
WATTS

E27 LAMP
TYPE

METAL



40W E27 CARBON FILAMENT GLOBE

- Warm White (3000K)
- Estimated Life: 1,500 hrs
- E27 Base
- 240V 50Hz
- Dimmable



40 WATTS

CARBON
ELEMENT

E27
BASE

NEW

ACLST6440W (E27)
Q6020600

40W E27 CARBON FILAMENT GLOBE

- Warm White (3000K)
- Estimated Life: 1,500 hrs
- E27 Base
- 240V 50Hz
- Dimmable



40 WATTS

CARBON
ELEMENT

E27
BASE

NEW

ACLG95E40W (E27)
Q6020800

13W E27 A60 LED GLOBE ALAE1230D

- Warm White (3000K)
- 200 Degree Beam Angle
- Estimated life: 15,000 hrs
- Dimmable
- E27 Base
- 240V 50Hz



NEW

LED

12 WATTS

1055 LUMENS

DIMMABLE

HIGH LUMEN OUTPUT

Q6020420 [Available December 2019]

12W E27 A60 LED GLOBE ALAE1230

- Warm White (3000K)
- 200 Degree Beam Angle
- Estimated life: 15,000 hrs
- Non-Dimmable
- E27 Base
- 240V 50Hz



LED

12 WATTS

1055 LUMENS

200 DEGREE BEAM

HIGH LUMEN OUTPUT

Q6020380

13W B22 A60 LED GLOBE ALAB1230D

- Warm White (3000K)
- 200 Degree Beam Angle
- Estimated life: 15,000 hrs
- Dimmable
- B22 Base
- 240V 50Hz



NEW

LED

12 WATTS

1055 LUMENS

DIMMABLE

HIGH LUMEN OUTPUT

Q6020440 [Available December 2019]

12W B22 A60 LED GLOBE ALAB1230

- Warm White (3000K)
- 200 Degree Beam Angle
- Estimated life: 15,000 hrs
- Non-Dimmable
- B22 Base
- 240V 50Hz



LED

12 WATTS

1055 LUMENS

200 DEGREE BEAM

HIGH LUMEN OUTPUT

Q6020400

7W GU10 LED GLOBE ALG730D

- Warm White (3000K)
- 38 Degree Beam Angle
- Estimated life: 15,000 hrs
- 240V 50Hz



NEW

LED

7 WATTS

650 LUMENS

DIMMABLE

Q6000060 [Available December 2019]

7W GU10 LED GLOBE ALG730

- Warm White (3000K)
- Estimated life: 15,000 hrs
- 240V 50Hz
- Non-Dimmable



LED

7 WATTS

650 LUMENS

38 DEGREE BEAM

Q6000225

7W MR16 LED GLOBE ALM730D

- Warm White (3000K)
- Estimated life: 15,000 hrs
- 12V 50Hz
- Dimmable



NEW

LED

7 WATTS

650 LUMENS

DIMMABLE

Q6010060 [Available December 2019]

7W MR16 LED GLOBE ALM730

- Warm White (3000K)
- Estimated life: 15,000 hrs
- 12V 50Hz
- Non-Dimmable



LED

7 WATTS

650 LUMENS

38 DEGREE BEAM

Q6010225

15W PAR38 LED GLOBE BLACK ALPAR38LHL

- Cool White (4000K)
- Estimated life: 25,000 hrs
- IP44
- 220-240V 50Hz
- Non-Dimmable



NEW

LED

15 WATTS

1500 LUMENS

36 DEGREE BEAM

HIGH LUMEN OUTPUT

Q6030050 [Available December 2019]

15W PAR38 LED GLOBE BLACK ALPAR38LV2

- Cool White (4000K)
- Estimated life: 25,000 hrs
- IP65
- 220-240V 50Hz
- Non-Dimmable



LED

15 WATTS

1050 LUMENS

38 DEGREE BEAM

Q6030040

4W CANDLE LED FILAMENT GLOBE

- Warm White (3000K)
- Estimated life: 15,000 hrs
- E14 & B22 Base
- 240V 50Hz



NEW

4 WATTS

370 LUMENS

ALCE430 (E14) ALCB430 (B22)
Q6021000 Q6021020

4W LED FILAMENT GLOBE

- Warm White (3000K)
- Estimated life: 15,000 hrs
- B22 & E27 Base
- 240V 50Hz
- Non-Dimmable



NEW

4 WATTS

370 LUMENS

ALST64E430 (E27) ALST64B430 (B22)
Q6020620 Q6020640

4W G95 LED FILAMENT GLOBE

- Warm White (3000K)
- Estimated life: 15,000 hrs
- B22 & E27 Base
- 240V 50Hz



NEW

4 WATTS

390 LUMENS

38 DEGREE BEAM

ALG95E430 (E27) OLG95B430 (B22)
Q6020820 Q6020840

316 S/S UP DOWN WALL LIGHT
AWLSR316LED

- 316 Stainless Steel Construction
- Ingress Protection: IP44
- Colour Temperature: 3000K
- 220-240VAC 50Hz
- 2 x 7W GU10 LED Globes (included)
- Bulb model (ALG730 Q6000225)



LED
COMPATIBLE

14 **2X7 WATTS**

1300 **LUMENS**

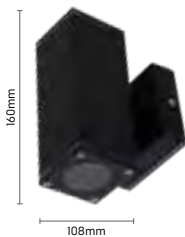
IP44

DIECAST ALUMINIUM

Q5040380

SQUARE UP DOWN WALL LIGHT
ALMSBILED

- Diecast Aluminium Construction
- Ingress Protection: IP44
- Colour Temperature: 3000K
- 220-240VAC 50Hz
- 2 x GU10 7W LED Globes (LED/Globes included)
- Bulb model (ALG730 Q6000225)



LED
COMPATIBLE

14 **2X7 WATTS**

1300 **LUMENS**

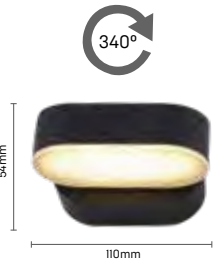
IP44

DIECAST ALUMINIUM

Q5040585

ATLAS SINGLE SPOTLIGHT
AT300

- Diecast Aluminium Construction
- Adjustable
- Ingress Protection: IP55
- Colour Temperature: 3000K
- 220-240VAC 50Hz
- 7W Integrated LED (LED is not replaceable)



LED

7 **WATTS**

300 **LUMENS**

IP55

DIECAST ALUMINIUM

Q5040910

ATLANTA TWIN SPOTLIGHT
AT320

- Diecast Aluminium Construction
- Adjustable
- Ingress Protection: IP55
- Colour Temperature: 3000K
- 220-240VAC 50Hz
- 13W Integrated LED (LED is not replaceable)



LED

13 **WATTS**

600 **LUMENS**

IP55

DIECAST ALUMINIUM

Q5040920

NERO TWIN SPOTLIGHT
AT100

- Diecast Aluminium Construction
- Adjustable
- Ingress Protection: IP55
- Colour Temperature: 3000K
- 220-240VAC 50Hz
- 13W Integrated LED (LED is not replaceable)



LED

13 **WATTS**

700 **LUMENS**

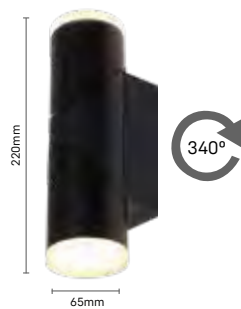
IP55

DIECAST ALUMINIUM

Q5040420

NOVA TWIN SPOTLIGHT
AT200

- Diecast Aluminium Construction
- Adjustable
- Ingress Protection: IP55
- Colour Temperature: 3000K
- 220-240VAC 50Hz
- 13W Integrated LED (LED is not replaceable)



LED

13 **WATTS**

700 **LUMENS**

IP55

DIECAST ALUMINIUM

Q5040430

SLIM UP DOWN WALL LIGHT
AWLWLED

- Diecast Aluminium Construction
- Ingress Protection: IP44
- Colour Temperature: 4000K
- 220-240VAC 50Hz
- 6W Integrated LED (LED is not replaceable)



LED

6 **WATTS**

300 **LUMENS**

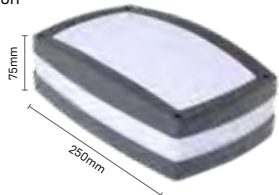
IP44

DIECAST ALUMINIUM

Q5040560

RECTANGULAR WALL LIGHT
ABHRECTL

- Diecast Aluminium Construction
- Ingress Protection: IP44
- Colour Temperature: 4000K
- 220-240VAC 50Hz
- 8W Integrated LED (LED is not replaceable)



LED

8 **WATTS**

500 **LUMENS**

IP44

DIECAST ALUMINIUM

Q5040550

RECTANGLE GRILL WALL LIGHT
ABHRTGL

- Diecast Aluminium Construction
- Ingress Protection: IP44
- Colour Temperature: 4000K
- 220-240VAC 50Hz
- 10W Integrated LED (LED is not replaceable)



LED

10 **WATTS**

700 **LUMENS**

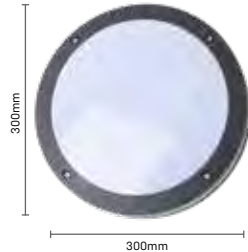
IP44

DIECAST ALUMINIUM

Q5040520

ROUND WALL LIGHT
ABHRL

- Diecast Aluminium Construction
- Ingress Protection: IP44
- Colour Temperature: 4000K
- 220-240VAC 50Hz
- 15W Integrated LED (LED is not replaceable)



LED

15 **WATTS**

1200 **LUMENS**

IP44

DIECAST ALUMINIUM

Q5040540

DESIGNER SERIES

Introducing the latest surface mounted adjustable lights. This range of stylish IP55 wall lights are finished with a black die-cast body and frosted acrylic diffuser.

Wall or ceiling mounted, the adjustable feature allows you to control the direction of illumination and adds a beautiful decorative element to your architecture.

NOVA TWIN SPOTLIGHT
AT200



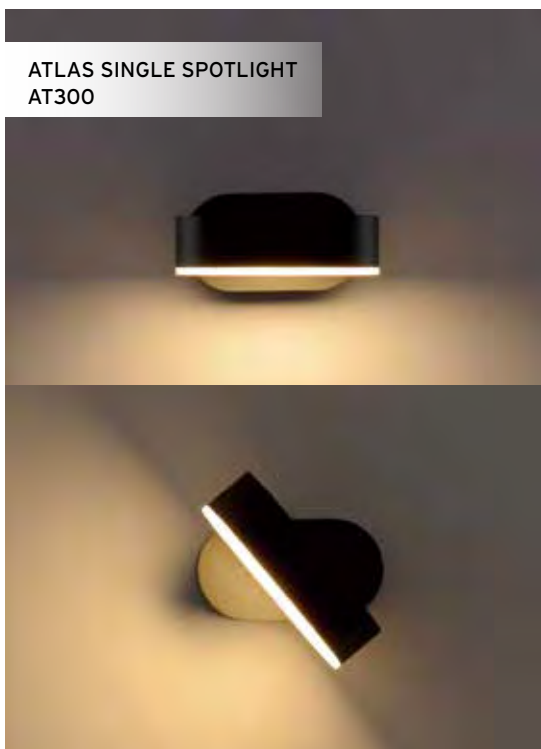
NERO TWIN SPOTLIGHT
AT100



NERO TWIN SPOTLIGHT
AT100



ATLAS SINGLE SPOTLIGHT
AT300




ATLANTA TWIN SPOTLIGHT
AT320



BULKHEAD

OVAL BULKHEAD BLACK ABH100B

- Polycarbonate Construction
- Ingress Protection: IP54
- Estimated Life: 25,000 hrs
- 220-240VAC 50Hz
- 10W Integrated LED (LED is not replaceable)
- Colour Temperature: 4000K
-  Double Insulated



LED

 10 WATTS


 800 LUMENS

 IP54

 POLY CARBONATE


Q5040710


OVAL BULKHEAD WHITE ABH100W


- Polycarbonate Construction
- Ingress Protection: IP54
- Estimated Life: 25,000 hrs
- 220-240VAC 50Hz
- 10W Integrated LED (LED is not replaceable)
- Colour Temperature: 4000K
-  Double Insulated




LED

 10 WATTS


 800 LUMENS

 IP54

 POLY CARBONATE

Q5040720

OVAL BULKHEAD BLACK & WHITE ABH140

- Polycarbonate Construction
- Ingress Protection: IP54
- Estimated Life: 25,000 hrs
- 220-240VAC 50Hz
- 14W Integrated LED (LED is not replaceable)
- Colour Temperature: 4000K
-  Double Insulated



LED

 14 WATTS

 1000 LUMENS


 IP54

 POLY CARBONATE

Q5040760


SENSOR BULKHEAD BLACK & WHITE ABH140S


- Polycarbonate Construction
- Ingress Protection: IP54
- 14W Integrated LED


- Sensor Specifications:
- Detection Distance: 8-10m
 - Detection Angle: 120°
 - Lux Setting: 10-2000Lux
 - Time: 10s ± 5s ~ 5m ± 1m
 - Colour Temperature: 4000K
 -  Double Insulated




LED

 14 WATTS


 1000 LUMENS

 IP54

 POLY CARBONATE

Q5040770

OVAL BULKHEAD WHITE ABH80L

- Polycarbonate Construction
- Ingress Protection: IP54
- Estimated Life: 25,000 hrs
- 220-240VAC 50Hz
- 8W Integrated LED (LED is not replaceable)
- Colour Temperature: 4000K
-  Double Insulated



LED

 8 WATTS


 550 LUMENS

 IP54

 POLY CARBONATE


Q5040500


LED BULKHEAD ABH12RL


- Polycarbonate Construction
- Ingress Protection: IP54
- Estimated Life: 25,000 hrs
- 220-240VAC 50Hz
- 12W Integrated LED (LED is not replaceable)
- Colour Temperature: 4000K
-  Double Insulated




LED

 12 WATTS


 800 LUMENS

 IP54

 POLY CARBONATE

Q5040510

EYELID BULKHEAD BLACK & WHITE ABH14RE

- Polycarbonate Construction
- Ingress Protection: IP54
- Estimated Life: 25,000 hrs
- 220-240VAC 50Hz
- 14W Integrated LED (LED is not replaceable)
- Colour Temperature: 4000K
-  Double Insulated



LED

 14 WATTS

 550 LUMENS


 IP54

 POLY CARBONATE

Q5040780


SENSOR BULKHEAD BLACK & WHITE ABH14RS


- Polycarbonate Construction
- Ingress Protection: IP54
- 14W Integrated LED


- Sensor Specifications:
- Detection Distance: 8-10m
 - Detection Angle: 120°
 - Lux Setting: 10-2000Lux
 - Time: 10s ± 5s ~ 5m ± 1m
 - Colour Temperature: 4000K
 -  Double Insulated




LED

 14 WATTS


 1000 LUMENS

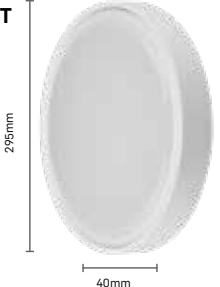
 IP54

 POLY CARBONATE

Q5040790

WEATHER PROOF CEILING LIGHT ACL300

- Polycarbonate Construction
- Ingress Protection: IP65
- Estimated Life: 25,000 hrs
- Colour Temperature: 4000K
- 220-240VAC 50Hz
- 18W Integrated LED (LED is not replaceable)
- Colour Temperature: 4000K
-  Double Insulated



LED

 SDOC ENCLOSED

 18 WATTS


 1300 LUMENS

 IP65

 POLY CARBONATE


Q5010080


CEILING LIGHT ACL25W-3T


- Polycarbonate Construction
- Ingress Protection: IP54
- Estimated Life: 25,000 hrs
- 220-240VAC 50Hz
- 25W Integrated LED (LED is not replaceable)
- 3 Colour Switch: 3K, 4K, 5K
-  Double Insulated




LED

 1300 LUMENS

 DIMMABLE

 IP54

 IK10

Q5010110



SENSORS

WHITE PIR SENSOR LIGHT

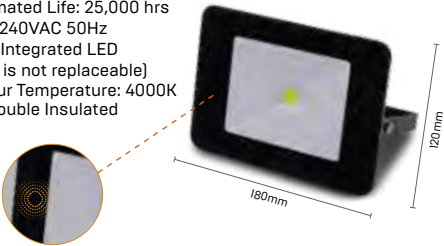
- Ambient Light: <5-2000Lux(adjustable)
- Detection Distance: 12m
- Detection Angle: 180°
- Time Delay : 5Sec~8Min(adjustable)
- Working Temperature: -20~+40°
- Rated Load: 1200W(220~240V/AC)
- Power Consumption: 0.45W (static 0.1W)
- Detection Motion Speed: 0.6-1.5m/s
- Colour Temperature: 4000K
- ☒ Double Insulated



ASLPIRW
Q5080080

MICROWAVE SENSOR FLOOD LIGHT AFL20MWSV2

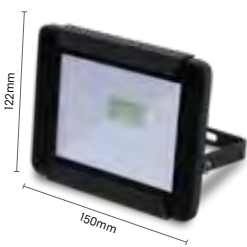
- Die Cast Aluminium Construction
- Ingress Protection: IP65
- Estimated Life: 25,000 hrs
- 220-240VAC 50Hz
- 20W Integrated LED (LED is not replaceable)
- Colour Temperature: 4000K
- ☒ Double Insulated



Q5080320

SLIM FLOOD LIGHT AFLED20

- Colour Temperature: 4000K
- Ingress Protection: IP65
- Estimated Life: 25,000 hrs
- Cable length: 600m
- 220-240VAC 50Hz
- 20W Integrated LED (LED is not replaceable)
- Colour Temperature: 4000K
- ☒ Double Insulated



Q5080410

LED

20 WATTS

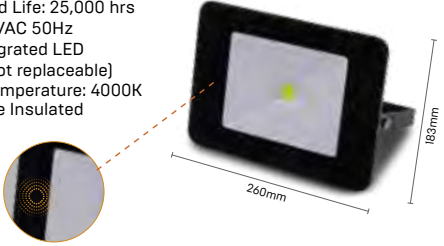
1600 LUMENS

IP65

DIECAST ALUMINIUM

MICROWAVE SENSOR FLOOD LIGHT AFL50MWS

- Die Cast Aluminium Construction
- Ingress Protection: IP65
- Estimated Life: 25,000 hrs
- 220-240VAC 50Hz
- 50W Integrated LED (LED is not replaceable)
- Colour Temperature: 4000K
- ☒ Double Insulated



Q5080340

LED

50 WATTS

4000 LUMENS

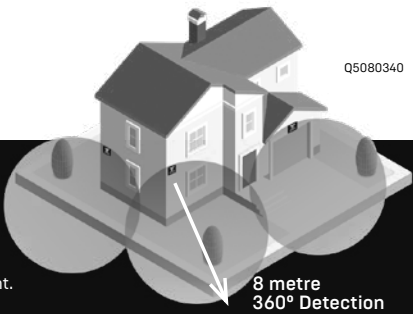
IP65

DIECAST ALUMINIUM

MICROWAVE REMOTE

Features:

- Daylight mode:** Sensor works both day and night.
- Photocell Mode:** Light turns on automatically and remains on throughout the night.
- Manual Override:** Light stays on until manually switched off.
- Night Mode:** Sensor only works at night (<50 lux)
- Manual Off Switch:**



Time:

10S 30S 50S 10/30/50 seconds

2M 5M 10M 2/5/10 minutes

20M 30M 1H 20mins, 30mins, 1 hour

Sensitivity:

1-3 Metres

4-6 Metres

7-9 Metres



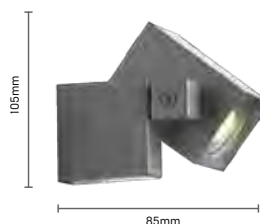
Garden Lights

Quality European designs combined with a simple yet sophisticated system allows you to transform your garden quicker and easier than ever before. All of our cables and transformers are pre-wired so anyone can install them.



NANO WALL LIGHT 3169191

- Aluminium with glass
- Cable: 3m SPT-IW
- IP44 (suited for use outdoors)
- LED MR11 2W
- 120 Lumens
- 3000K



105mm

85mm

LED

2 WATTS

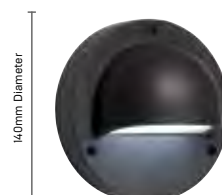
IP44

ALUMINIUM & GLASS

71970490

DEIMOS WALL LIGHT 3095011

- Aluminium
- Cable: 3m SPT-IW with Plug
- IP44 (suited for use outdoors)
- LED Unit 7 x White IW
- 50 Lumens
- 6000K



140mm Diameter

LED

1 WATT

IP44

ALUMINIUM

71970320

ALDER SPOTLIGHT 2580061

- PBT
- Cable: 1m SPT-IW with Plug
- IP44 (suited for use outdoors)
- Includes LED MR11 2W
- 120 Lumens
- 3000K



100mm

LED

2 WATTS

IP44

PLASTIC

71970520

ALDER SET 2580063

- 3 x Spot lights
- 8m cable
- 4 x connectors
- Transformer included
- 120 Lumens
- 3000K



100mm

LED

2 WATTS

IP44

PLASTIC

71970530

CORVUS SPOTLIGHT 3137011

- Aluminium
- Cable: 2m SPT-IW with Plug
- IP44 (suited for use outdoors)
- Includes Halogen MR16 50W GU5.3
- 170 Lumens
- 3000K



170mm

50 WATTS

IP44

ALUMINIUM

71970340

FOCUS SPOTLIGHT 3031011

- Aluminium
- Cable: 2m SPT-IW with Plug
- IP44 (suited for use outdoors)
- Includes Halogen MR16 20W GU5.3
- 180 Lumens
- 3000K



180mm

20 WATTS

IP44

ALUMINIUM

71970140

CATALPA SPOTLIGHT 4121601

- 304 Stainless Steel
- Cable: 1m SPT-IW
- IP44 (suited for use outdoors)
- Includes LED MR16 3W
- 125 Lumens
- 3000K



125mm

LED

3 WATTS

IP44

STAINLESS STEEL

71970475

LAPIS SPOTLIGHT 3522441

- Poly resin & Stainless Steel
- Cable: 2m SPT-IW with Plug
- IP68 (suited for use underwater)
- Includes Halogen MR16 20W GU5.3
- 178 Lumens
- 3000K



110mm

145mm

20 WATTS

IP68

POLY RESIN & STAINLESS STEEL

71970360

LOTUS WALL LIGHT
4013601

- 304 Stainless Steel
- Cable: 3m SPT-1W with Plug
- IP44 (suited for use outdoors)
- LED Unit 4 x White 12V 1watt
- 15 Lumens
- 6000K



70mm Diameter

LED

1 WATT

IP44

STAINLESS STEEL

71970440

LINUM BOLLARD
2519061

- Plastic
- Cable: 2m SPT-1W with Plug
- IP44 (suited for use outdoors)
- 12 unit LED 12V = 2W
- 43 Lumens
- 3000K



160mm

LED

2 WATTS

IP44

PLASTIC

71970060

ALBUS BOLLARD
4024601

- 304 Stainless Steel with Plastic
- Cable: 2m SPT-1W with Plug
- IP44 (suited for use outdoors)
- GU5.3 2W cylinder lamp
- 113 Lumens
- 3000K



410mm

NEW

LED

2 WATTS

IP44

STAINLESS STEEL

71971080

ARCO BOLLARD
3161011

- Black & Aluminium
- IP44 (suited for use outdoors)
- MR16 LED 3W
- 190 Lumens
- 3000K



4105mm

NEW

LED

3 WATTS

IP44

ALUMINIUM

71971070

ASTRUM DECK LIGHT
3029601 (white)

- Aluminium with 304 Stainless Steel
- Cable: 2x1m SPT-1W with Plug
- IP68 (suited for use under water)
- LED 12V 0.3W
- Drill Hole: ø 30mm
- 6000K



40mm Diameter

LED

0.3 WATT

IP68

STAINLESS STEEL & ALUMINIUM

71970100

LARCH DECK LIGHT
4058601

- 304 Stainless Steel
- Cable: 2m SPT-1W with Plug
- IP68 (suited for use under water)
- 6 unit LED 12V = 1W
- Frosted diffuser
- Drill Hole: ø 60mm
- 30 Lumens
- 3000K



70mm Diameter

NEW

LED

1 WATT

IP68

STAINLESS STEEL

71971100

LAURUS BOLLARD
2514061

- Plastic
- Cable: 2m SPT-1W with Plug
- IP44 (suited for use outdoors)
- Wedge Bulb 12V 10W T15
- 76 Lumens
- 3000K



365mm

10 WATTS

IP44

PLASTIC

71970040

LINUM BOLLARD KIT
2519063.139

- Plastic
- Cable: 8m SPT-1W with Plug & Adaptor
- IP44 (suited for use outdoors)
- 12 unit LED 12V = 2W
- 43 Lumens
- 3000K



160mm

NEW

LED

2 3X2 WATTS

IP44

PLASTIC

71970070

ORION BOLLARD
4012601

- 304 Stainless Steel with Plastic
- Cable: 2m SPT-1W with Plug & Adaptor
- IP44 (suited for use outdoors)
- GU5.3 2W cylinder lamp
- 113 Lumens
- 6000K



410mm

LED

2 WATTS

IP44

STAINLESS STEEL & PLASTIC

71970420

BIRCH DECK LIGHT
4057601

- 304 Stainless Steel
- Cable: 2m SPT-1W with Plug
- IP44 (suited for use outdoors)
- Frosted diffuser
- 3 unit LED 12V = 0.3W
- 10 Lumens
- 3000K



40mm Diameter

NEW

LED

0.5 WATTS

IP68

STAINLESS STEEL

71971090

ASTRUM DECK LIGHT
3037601 (blue)

- Aluminium with 304 Stainless Steel
- Cable: 2x1m SPT-1W with Plug
- IP68 (suited for use under water)
- LED 12V 0.3W
- Drill Hole: ø 30mm
- 6000K



40mm Diameter

LED

0.3 WATT

IP68

STAINLESS STEEL & ALUMINIUM

71970120

BREVUS DECK LIGHT
2520601

- 304 Stainless Steel with Plastic
- Cable: 2m SPT-1W with Plug
- IP68 (suited for use under water)
- 6 unit LED 12V = 1W
- Drill Hole: ø 60mm
- 35 Lumens
- 8000K



70mm Diameter

LED

1 WATT

IP68

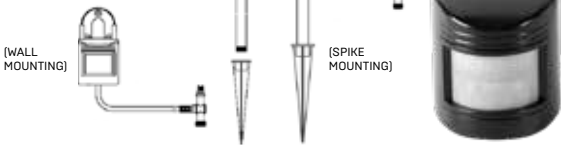
STAINLESS STEEL & PLASTIC

71970080

ACCESSORIES

12V GARDEN LIGHTS PIR SENSOR 6156011

- 5m Detection Range
- 3m Cable
- 60W Max
- Wall & Spike Mounting
- IP44



71970830

10M LOW VOLTAGE CABLE 6007011

- 10m with 4 connectors (SPT-1W, MAX. 120W)



71970640

15M LOW VOLTAGE CABLE 6008011

- 15m with 6 connectors (SPT-3, MAX. 150W)



71970660

15cm CABLE CONNECTOR 6006011

- 15cm with 3 connectors (SPT-2W, MAX. 150W)



71970620

TIMERS & REMOTES 12 VOLT AC FOR OUTDOOR TIMER WITH DAYLIGHT SENSOR 6009011

- On/off - dark/light
- 1-9 hours Max
- 150W



71970680

REMOTE + 1 RECEIVER 6148011

- Remote controls up to 9 individual segments
- Additional receivers required for more than one segment



71970760

RECEIVER 6149011

- For use with 6148011



71970780

TRANSFORMERS

- 12 Volt AC for outdoor use



6137011 (max 22W)

73430020

6138011 (max 60W)

73430040

6139011 (max 150W)

73430060

6M EXTENSION CABLE 6005011

- 6m (SPT-1W, MAX. 120W)



71970600

10M EXTENSION CABLE 6056011

- 10m (SPT-1W, MAX. 150W)



71970740

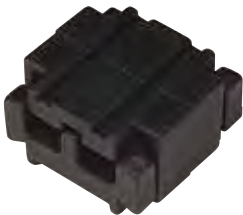
CONNECTOR 6013011

- (SPT-1W to SPT-1W)

71970700

CONNECTOR 6014011

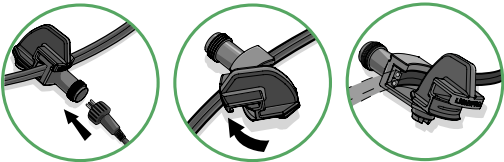
- (SPT-1W to SPT-3W)



71970720

UNIVERSAL CONNECTOR 137A

- Enables connection of Garden Light plug connectors to a standard 2 core low voltage wire.
- (SPT-1W to SPT-3)



71970540

Garden Lights

12 VOLT
SAFE & SIMPLE

Safe low voltage.

PLUG & PLAY

Simple, easy connections.

ENERGY SAVING

Save energy with LEDs.

STEP 1



SELECT YOUR LIGHT



STEP 2



SELECT YOUR TRANSFORMER



STEP 3



SELECT YOUR CABLE



CREATE A LIGHTING PLAN



POSITION YOUR LOW VOLTAGE TRANSFORMER



RUN LOW VOLTAGE CABLE



LOCATE JUNCTION POINTS



POSITION YOUR LIGHTS



PLUG YOUR LIGHTS INTO THE CABLES



COMPLETE INSTALLATION OF LIGHTS



YOU'RE NOW READY TO LIGHT UP YOUR GARDEN

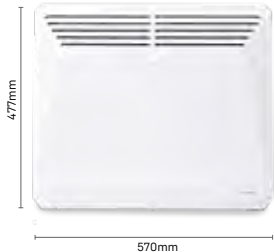


Goldair™

Heating Manual Panel Heaters

500W MANUAL PANEL HEATER GPH150

- 2 Heat Settings
- Thermostat
- Wall Mountable or Castors
- Overheat Protection
- 2 Year Warranty
- 220-240VAC 50Hz

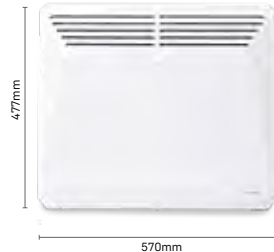


500 WATTS
COATED STEEL

86923150

1000W MANUAL PANEL HEATER GPH250

- 2 Heat Settings
- Thermostat
- Wall Mountable or Castors
- Overheat Protection
- 2 Year Warranty
- 220-240VAC 50Hz

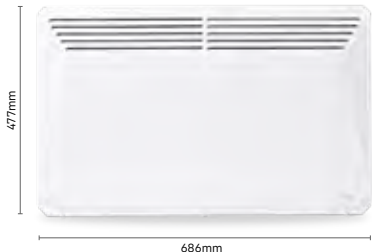


1000 WATTS
COATED STEEL

86923160

1500W MANUAL PANEL HEATER GPH350

- 2 Heat Settings
- Thermostat
- Wall Mountable or Castors
- Overheat Protection
- 2 Year Warranty
- 220-240VAC 50Hz



1500 WATTS
COATED STEEL

86923170

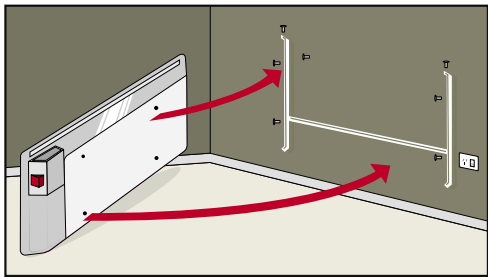
2000W MANUAL PANEL HEATER GPH450

- 2 Heat Settings
- Adjustable Thermostat
- Wall Mountable or Castors
- Overheat Protection
- 2 Year Warranty
- 220-240VAC 50Hz



2000 WATTS
COATED STEEL

86923180



Wall mountable option
Saves up valuable floor space



Adjustable thermostat
Regulate your level of warmth



Castor wheels option
Easy to move around



Inverter
Wall Mountable or Castor Wheels

Manual
Wall Mountable or Castor Wheels

HeatSmart Panel Heaters

Inverter Metal Panel Heaters

Goldair Platinum HeatSmart Panel Heaters, featuring unique inverter technology, can intelligently optimise energy use. In other words, by using less energy to keep you warm it can help to lower winter power bills.



Easily control heat throughout your house, using the Goldair App.

- Adjust and monitor temperature
- Set and maintain timers

Download to your own smartphone or tablet from the **Apple App Store** or **Google Play**



1000W PT WIFI PANEL HEATER GPPH610

- 5 Heat Settings
- Electronic Thermostat
- Wall Mountable or Castors
- 24 Hour Timer
- Overheat Protection
- 3 Year Warranty



86923345

PLATINUM



1500W PT WIFI PANEL HEATER GPPH620

- 5 Heat Settings
- Electronic Thermostat
- Wall Mountable or Castors
- 24 Hour Timer
- Overheat Protection
- 3 Year Warranty



86923365

PLATINUM



2000W PT WIFI PANEL HEATER GPPH630

- 5 Heat Settings
- Electronic Thermostat
- Wall Mountable or Castors
- 24 Hour Timer
- Overheat Protection
- 3 Year Warranty

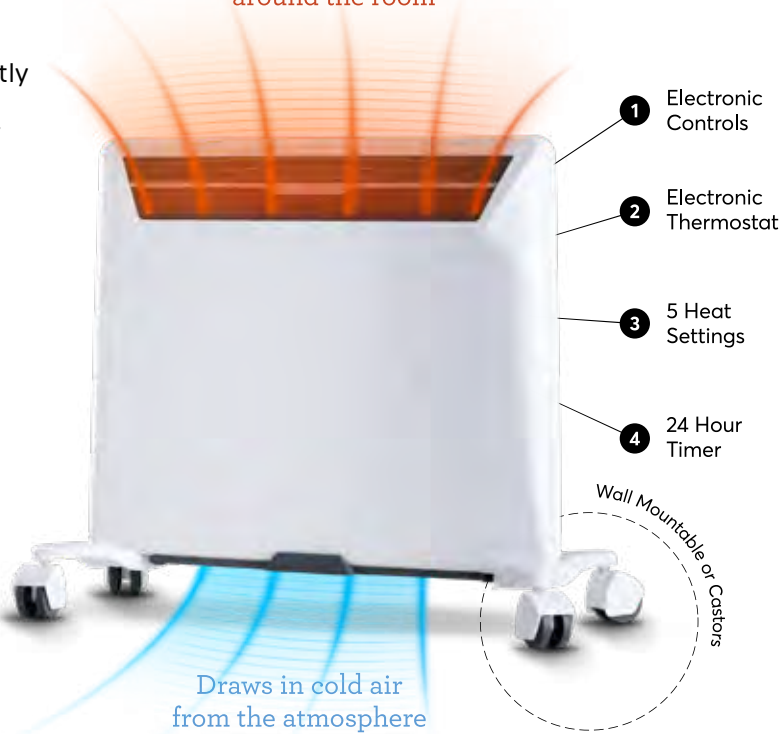


86923385

PLATINUM



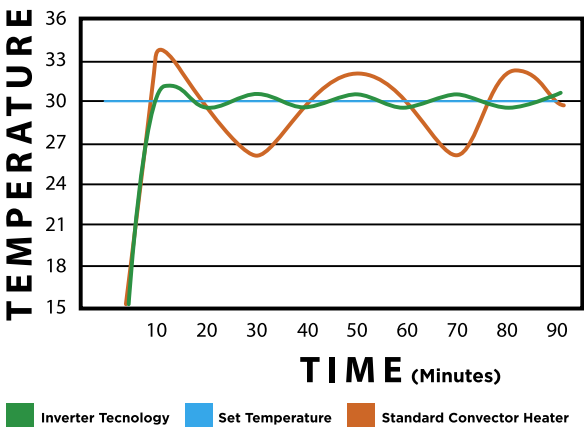
Distributes warm air around the room



Draws in cold air from the atmosphere



Intelligent inverter technology only draws the energy you need to maintain chosen temperature, meaning lower power bills!





For more than 30 years Goldair has been the leading name behind heating solutions that people love and trust in their homes.

**BATHROOM FAN HEATER
3508W**

- Pull Cord on/off Function
- White easy clean surface
- Slim Line Design-only 110mm deep
- Automatic Step Down Thermostat
- 2 Safety Cut Outs



2.4 KILO WATTS
 PLASTIC

87030260

**BATHROOM FAN HEATER
GBH100**

- Pull Cord Switch
- White Plastic with White Gloss Inlay
- Automatic Step Down Thermostat
- 2 Safety Cut Outs



2.4 KILO WATTS
 PLASTIC

87030340

**BATHROOM FAN HEATER
GBH250**

- Pull Cord Switch
- White Plastic with Stainless Steel Inlay
- Automatic Step Down Thermostat
- 2 Safety Cut Outs

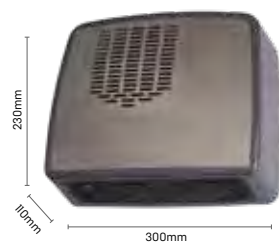


2.4 KILO WATTS
 STAINLESS STEEL & PLASTIC

87030355

**BATHROOM FAN HEATER
GBH300**

- Pull Cord Switch
- Grey Plastic with Stainless Steel Inlay
- Automatic Step Down Thermostat
- 2 Safety Cut Outs



2.4 KILO WATTS
 STAINLESS STEEL & PLASTIC

87030360

HEAT / LIGHT / VENT

- 1 x 5.5W LED centre bulb, 2 x 275W Heat Lamps (bulbs included)
- 3m x 100mm Aluminium Ducting
- Individual Heat, Light and Ventilation Controls
- Centrifugal Fan
- 220-240VAC 50Hz



650 MAXIMUM WATTS
 PLASTIC

GHL225W (WHITE)
86240160

HEAT / LIGHT / VENT

- 1 x 5.5W LED centre bulb, 4 x 275W Heat Lamps (bulbs included)
- 3m x 100mm Aluminium Ducting
- Individual Heat, Light and Ventilation Controls
- Centrifugal Fan
- 220-240VAC 50Hz



1200 MAXIMUM WATTS
 PLASTIC

GHL425W (WHITE)
86240180

HEAT / LIGHT / VENT

- 1 x 5.5W LED centre bulb, 2 x 275W Heat Lamps (bulbs included)
- 3m x 100mm Aluminium Ducting
- Individual Heat, Light and Ventilation Controls
- Centrifugal Fan
- 220-240VAC 50Hz



650 MAXIMUM WATTS
 PLASTIC

GHL225S (SILVER)
86240170

HEAT / LIGHT / VENT

- 1 x 5.5W LED centre bulb, 4 x 275W Heat Lamps (bulbs included)
- 3m x 100mm Aluminium Ducting
- Individual Heat, Light and Ventilation Controls
- Centrifugal Fan
- 220-240VAC 50Hz



1200 MAXIMUM WATTS
 PLASTIC

GHL425S (SILVER)
86240190

Ultra-modern design combines with stainless steel in this sophisticated towel rail range.

The distinctive square styling and mirror finish is the perfect complement to elegant bathrooms and ensuites.

SQUARE 4 BAR TOWEL RAIL GMT4

- Stainless Steel Mirror Finish
- Left or Right Cord Installation
- Exposed or Concealed Entry



3 YEAR WARRANTY

4 BAR

IP34

STAINLESS STEEL

89021000

SQUARE 6 BAR TOWEL RAIL GMT6

- Stainless Steel Mirror Finish
- Left or Right Cord Installation
- Exposed or Concealed Entry



3 YEAR WARRANTY

6 BAR

IP34

STAINLESS STEEL

89021020

SQUARE 8 BAR TOWEL RAIL GMT8

- Stainless Steel Mirror Finish
- Left or Right Cord Installation
- Exposed or Concealed Entry



3 YEAR WARRANTY

8 BAR

IP34

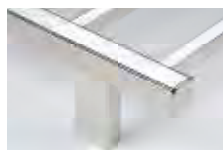
STAINLESS STEEL

89021040



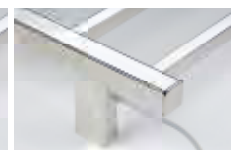
Wired to fit

With the option of left or right hand cord entry and combination legs within the box, all the bases are covered. Whether you have a new build or renovation, concealed or exposed cord wiring, you can be sure you have everything within the one box when purchasing Goldair.



Concealed Wiring

Achieve the most minimalist aesthetic by concealing your cables.



Exposed Wiring

An easy retro-fit solution. Ideal for renovating and replacing existing towel warmers.



A Touch of Style

A subtle blue glow means your towels are being kept toasty dry. Use this button to activate or de-activate your towel warmer.



Goldair™

The sleek, chic round bar ladder series is made for contemporary bathrooms.

A selection of gracefully curved rails gives you plenty of towel hanging options and provides even, consistent heat for great performance with low running costs.



Scratch Resistant Finish



Stainless Steel



Energy Efficient



2 YEAR WARRANTY



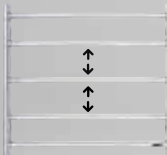
Exposed wiring



Concealed wiring

Rail Spacing

Uneven rail spacing accommodates multiple towel sizes.



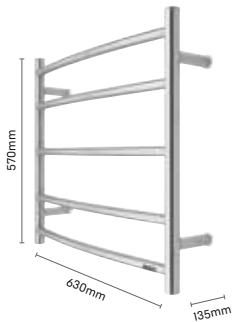
Dual Wiring

Left or right hand wiring allows for greater flexibility during your install.



5 BAR LADDER TOWEL RAIL GLTR5C

- Left or Right Cord Installation
- Exposed or Concealed Entry
- Scratch Resistant Finish
- Energy Efficient



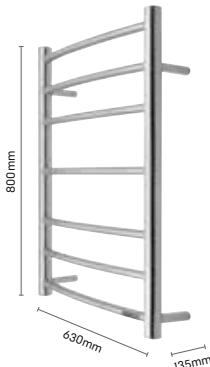
5 BAR



89021060

7 BAR LADDER TOWEL RAIL GLTR7C

- Left or Right Cord Installation
- Exposed or Concealed Entry
- Scratch Resistant Finish
- Energy Efficient



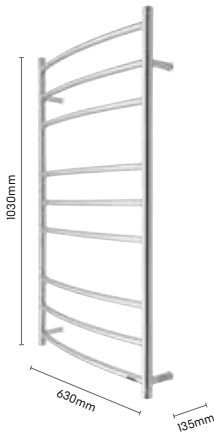
7 BAR



87021080

9 BAR LADDER TOWEL RAIL GLTR9C

- Left or Right Cord Installation
- Exposed or Concealed Entry
- Scratch Resistant Finish
- Energy Efficient



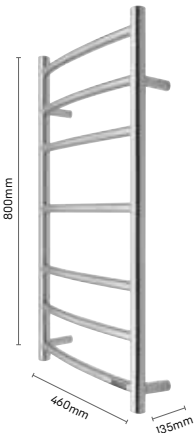
9 BAR



89021120

7 BAR EXTRA SLIM TOWEL RAIL GNT7

- Left or Right Cord Installation
- Exposed or Concealed Entry
- Scratch Resistant Finish
- Energy Efficient



7 BAR



89021100

Nowhere in your home is it more important to choose the right heating and accessories than in bathrooms and ensuites. The unique challenges of these wet areas mean performance and safety are paramount.

BATHROOM TOWEL RAIL TIMER GBT100

- Suitable for hardwired heated towel rails
- Installed behind the wall
- Energy Saving Technology
- Pre-set 4hr cycle every 12hrs
- Set running period can be extended to a maximum of 11 hours

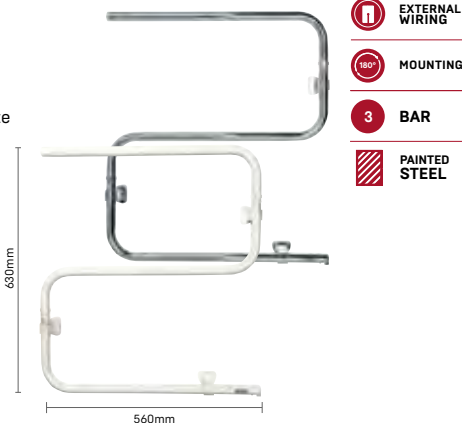


- 1kW BAR
- PLASTIC

86922940

3 BAR TOWEL RAIL

- Powder Coated White or Stainless Steel Finish
- Handy Drying Hook
- Suitable for Retrofit
- Small Bathroom or Ensuite

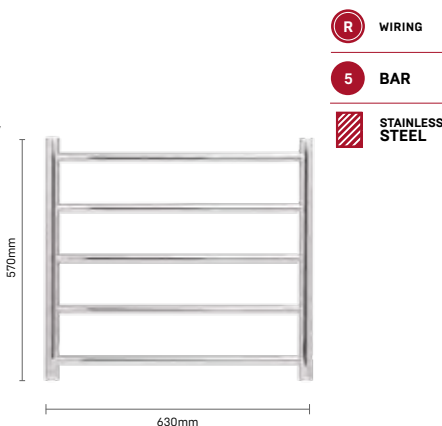


GTRMW (WHITE)
89020240

GTRMC (STAINLESS STEEL)
89020260

5 BAR TOWEL RAIL CDBTR5

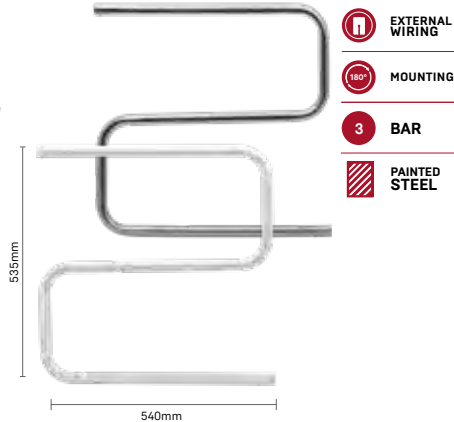
- Polish Stainless Steel
- Suitable for Retrofit
- Small Bathroom or Ensuite
- Exposed or Concealed Entry



89090020

3 BAR TOWEL RAIL

- Powder Coated White or Stainless Steel Finish
- Suitable for Retrofit
- Small Bathroom or Ensuite

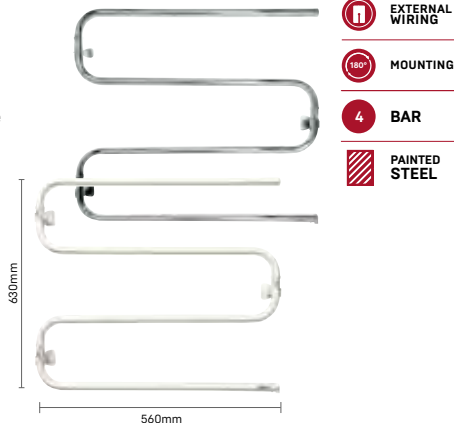


ETR3BW (WHITE)
89020050

ETR3BSS (STAINLESS STEEL)
89020040

4 BAR TOWEL RAIL

- Powder Coated White or Stainless Steel Finish
- Handy Drying Hook
- Suitable for Retrofit
- Small Bathroom or Ensuite

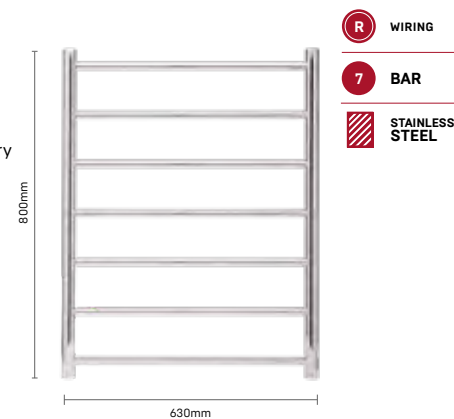


GTRLW (WHITE)
89020280

GTRLC (STAINLESS STEEL)
89020300

7 BAR TOWEL RAIL CDBTR7

- Polish Stainless Steel
- Suitable for Retrofit
- Medium Family sized Bathroom or Ensuite
- Exposed or Concealed Entry



89090040

RESIDENTIAL CATALOGUE

LIGHTING
HEATING
BATHROOM



For the full range and for further information please go to www.ambiuslighting.co.nz or visit your local J. A. Russell Ltd or Radcliffe Electrical branch to see the products on display.

www.jarussell.co.nz

J. A. Russell Ltd Branches

Kaitia 5 Whangatane Dr Ph: (09) 408 3600	North Shore 8 Hillside Rd Ph: (09) 444 7339	New Lynn 29 Wolverton St Ph: (09) 828 3119	Papakura 14 Queen St Ph: (09) 298 1370	Morrinsville 2A Thames St Ph: (07) 889 6081	Whakatane 27-29 McAlister St Ph: (07) 306 0310	Hastings 801 Karamu Rd Ph: (06) 870 9326	Masterton 212 Chapel St Ph: (06) 378 7789
Kerikeri 15 Mill Lane Ph: (09) 407 0077	Takapuna 58 Barnys Point Rd Ph: (09) 951 0676	Glen Innes 41 Morrin Rd Ph: (09) 570 2181	Pukekohe 175 Manukau Rd Ph: (09) 239 1387	Matamata 498 Fifth St Ph: (07) 888 4930	Kawerau 9A Manukorhi Dr Ph: (07) 323 1200	New Plymouth 96 Gill St Ph: (06) 757 5007	Porirua 25A Kenepuru Drive Ph: (04) 237 4580
Whangarei 118-124 Cameron St Ph: (09) 425 1140	Waiheke 1 Tahi Rd Ph: (09) 903 3657	Penrose 25 Fairfax Ave Ph: (09) 579 1402	Thames 102 Grey St Ph: (07) 867 9338	Cambridge 4/15 Albert St Ph: (07) 827 9156	Rotorua 8 - 12 Waterford St Ph: (07) 349 0661	Hawera 17 Wellington St Ph: (06) 278 8594	Lower Hutt 399 Hutt Rd Ph: (04) 576 2040
Warkworth 1 Morrison Dr Ph: (09) 425 1140	Boston Road 49 Boston Rd Ph: (09) 357 4450	Mt Wellington 68D Carbine Rd Ph: (09) 588 4042	Whitanga 3/20 Joan Gaskell Dr Ph: (07) 866 0478	Te Awamutu 60 Valle St Ph: (07) 872 0600	Tokoroa 48 Ashworth St Ph: (07) 886 4830	Wanganui 63 Wilson St Ph: (06) 348 7660	Thorndon 120 Hutt Rd Ph: (04) 473 9350
Silverdale 7 Wainui Rd Ph: (09) 426 6833	Cook Street 42 Cook St Ph: (09) 358 3985	Manukau Cnr Cavendish Dr & Norman Spencer Dr Ph: (09) 277 0150	Whangamata 300 Aickin Rd Ph: (07) 865 6887	Tauranga 19 St John St Ph: (07) 571 4001	Taupo 44 Waikato St Ph: (07) 378 1988	Palmerston North 183 Rangitikei St Ph: (06) 358 6169	Wellington 71 Webb St Ph: (04) 385 2142
Kumeu 7 Shamrock Dr Ph: (09) 951 0460	Henderson 66 Central Park Dr Ph: (09) 836 2611	Auckland Airport Jimmy Ward Cres Ph: (09) 256 1261	Te Rapa 671 Te Rapa Rd Ph: (07) 850 5436	Mt Maunganui 89 Newton St Ph: (07) 574 4060	Gisborne 293 Palmerston Rd Ph: (06) 867 3169	Levin 526 Queen St Ph: (06) 368 3039	
Albany 8/2 Tawa Dr Ph: (09) 414 7300	Avondale 7/624 Rosebank Rd Ph: (09) 820 6302	East Tamaki 90 Greenmount Dr Ph: (09) 273 7450	Hamilton 31 Somerset St Ph: (07) 847 3233	Te Puke 132B Jellicoe St Ph: (07) 573 5091	Napier 104 Austin St Ph: (06) 843 5888	Kapiti 184 Kapiti Rd Ph: (04) 298 4072	

Radcliffe Electrical Branches

Nelson 19 Pascoe St Ph: (03) 548 5068	Westport 100 Lyndhurst St Ph: (03) 789 6300	Hokitika 63A Kumara Junction H'way Ph: (03) 755 6426	Belfast 1/26 Belfast Road Ph: (03) 323 9428	Ashburton 155 Moore St Ph: (03) 307 2233	Cromwell Unit A, 39-45 Barry Ave Ph: (03) 445 4044	Gore 13 Avon St Ph: (03) 203 9261
Richmond 18 Poutama St Ph: (03) 541 0370	Greymouth 53 Gresson St Ph: (03) 768 5794	Rangiora 645 Lineside Rd Ph: (03) 313 3356	Christchurch 350 Tuam St Ph: (03) 379 3008	Timaru 7-11 Arthur St Ph: (03) 683 1270	Wanaka 25 Reece Cres Ph: (03) 443 1270	Invercargill 15 Victoria Ave Ph: (03) 218 8774
Blenheim 98 Middle Renwick Rd Ph: (03) 579 3344			Hornby 52 Waterloo Rd Ph: (03) 344 0535	Dunedin 47 Timaru St Ph: (03) 456 1400	Queenstown 149 Glenda Dr Ph: (03) 442 2772	

Terms & Conditions: 1) This publication is published as a communication to Trade Customers holding an account with J. A. Russell Ltd or Radcliffe Electrical. We recommend the use of a registered electrician for the installation of all electrical products. 2) Prices displayed in this issue are valid at the time of printing and may change. Please check at time of purchase. 3) Prices displayed in this publication do not include GST. 4) The standard terms and conditions of sale which apply to the sale and purchase of any item from J. A. Russell Ltd or Radcliffe Electrical, apply to the sale and purchase of any item contained in this publication. 5) In particular, any liability arising from defect or failure of goods sold is limited to the replacement of faulty goods which are promptly returned and does not extend to consequential loss of any kind. There is no liability on J. A. Russell Ltd or Radcliffe Electrical for any damage arising from misuse, accident, neglect or improper installation, maintenance or operation of goods sold. 6) Items contained in this publication are offered for sale and purchase for business purposes and customers who purchase are deemed to have agreed that the terms of the Consumer Guarantees Act 1993 does not apply to such purchases. 7) No returns on promotional packages which contain prizes or giveaways. 8) Some branches may not stock all products in this publication but they can be ordered in on request. 9) Freight will be extra on some items. 10) While every effort is made to ensure that pricing and displayed information contained within this publication is correct, J. A. Russell Ltd or Radcliffe Electrical reserve the right to correct pricing and displayed information where an error has occurred.

Published October 2019