

## Cube Series

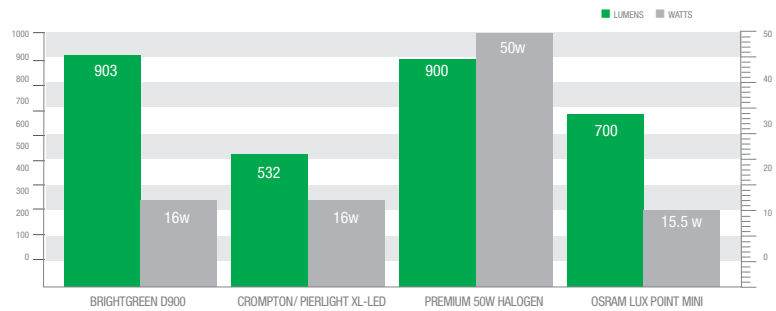


## The Brightest

The Cube, along with the other products in Brightgreen's D900 range, is the only LED downlight that can match the total light output and colour rendering of top quality 50W halogen globes.

At 903 lumens the Cube's nearest 16W LED competitor offers only 700 lumens, requiring more energy for each previous watt used.

In fact, the Cube generates more lumens per watt than any of its standard sized competitors.



## Long Lasting

The Cube is designed to last as long as possible and uses long life components that are rated above 100,000 hrs.

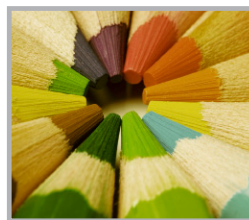
The Cube provides a 2 year payback period (if used for 10 hours a day) and is guaranteed with a 5 year warranty, a promise no other competitor can match. One of Brightgreen's primary endeavours is to circumvent planned obsolescence by designing products that last.



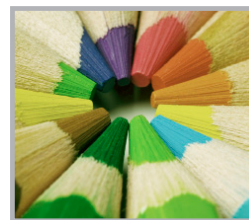
## Quality Light

Colour rendering index (CRI) ranks the quality of artificial light relative to the quality of sunlight, which scores 100.

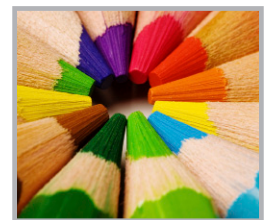
The Cube's light source is comprised of 30 small LEDs that vary in wavelength. This ensures that the colour temperature is consistent and offers a very high CRI (90), allowing interiors and their occupants to look as good as they can.



COMPACT FLUORESCENT  
CRI = 51



LED COMPETITORS  
CRI = 80



CUBE D900  
CRI = 90

## Fast Payback: Five Year Guarantee

USAGE HRS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
YEARS	4 yrs 6 mths	3 yrs 7 mths	2 yrs 11 mths	2 yrs 6 mths	2 yrs 2 mths	1 yrs 11 mths	1 yrs 9 mths	1 yrs 7 mths	1 yrs 5 mths	1 yrs 4 mths	1 yrs 3 mths	1 yrs 2 mths	1 yrs 1 mth	1 yr	11 mths	11 mths	10 mths	10 mths	9 mths	9 mths	8 mths	8 mths	7 mths	7 mths

This table was calculated using the average of peak and off-peak residential electricity tariffs across Australia's states and territories, the RRP of Brightgreen's D900 and the average RRP of a halogen downlight kit of comparable quality.



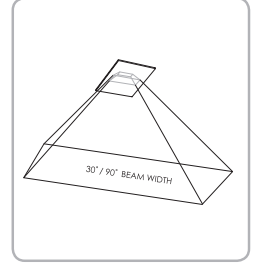
D900  
CUBE™



Introducing the D900 Cube, a 900 lumen, warm white (3000K) downlight with a patented lens that produces a square shaped light beam. This state of the art design allows for unparalleled levels of control and efficiency in illuminating spaces. Also available, D1000 Cube is the cool white (5000K) alternative to the D900 Cube. It casts the same square shaped beam and is suited to more work-oriented environments.



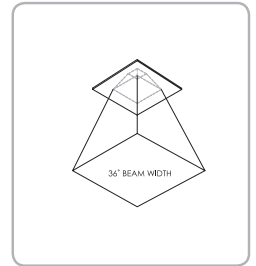
D900  
CUBE™



The 90/30 degree lens version of the D900 Cube brings new innovation to luminaire design. With a rectangular beam 3x longer than it is wide, it is ideal for hallways and lighting solutions in other long spaces.



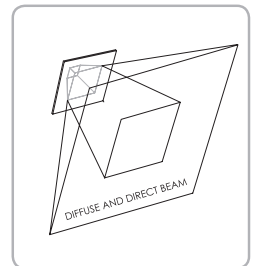
D400  
CUBE™



The D400 Cube's 36 degree square beam allows for direct lighting of smaller spaces such as alcoves, vanity basins, wall recesses and kitchen bench tops.



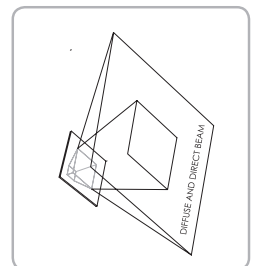
W200  
CUBE™



The W200 Cube allows you to choose between direct and diffuse soft light. It delivers high quality orientation lighting, ideal for hallways, stairwells, vanity basins and toilets.

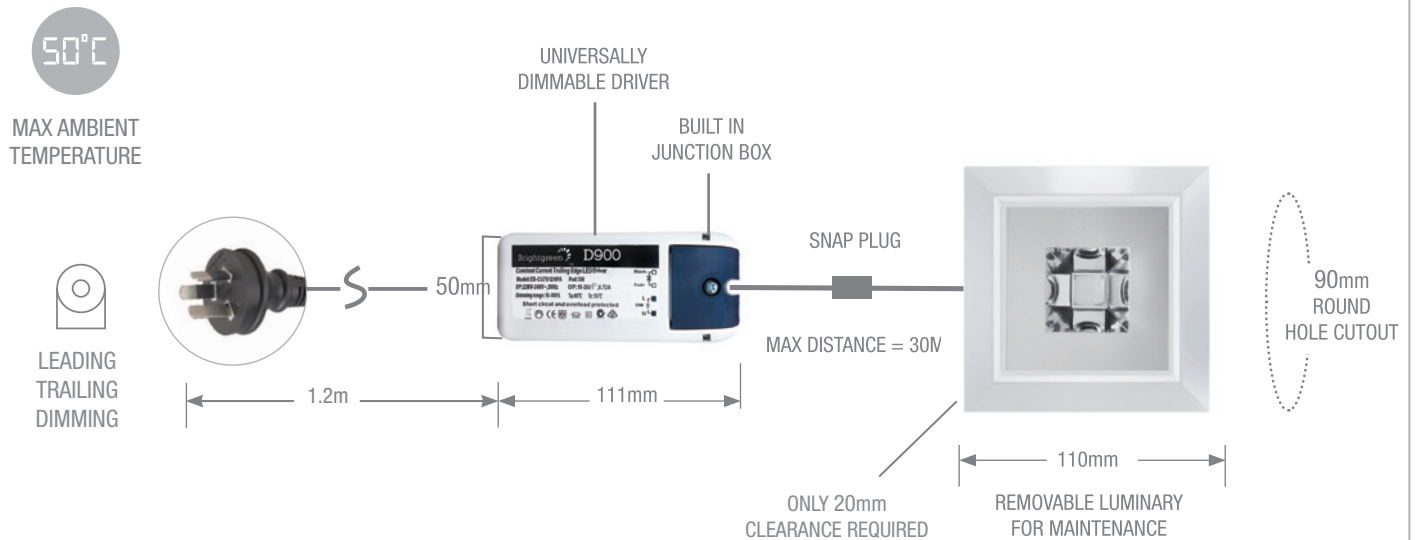


W900  
CUBE™

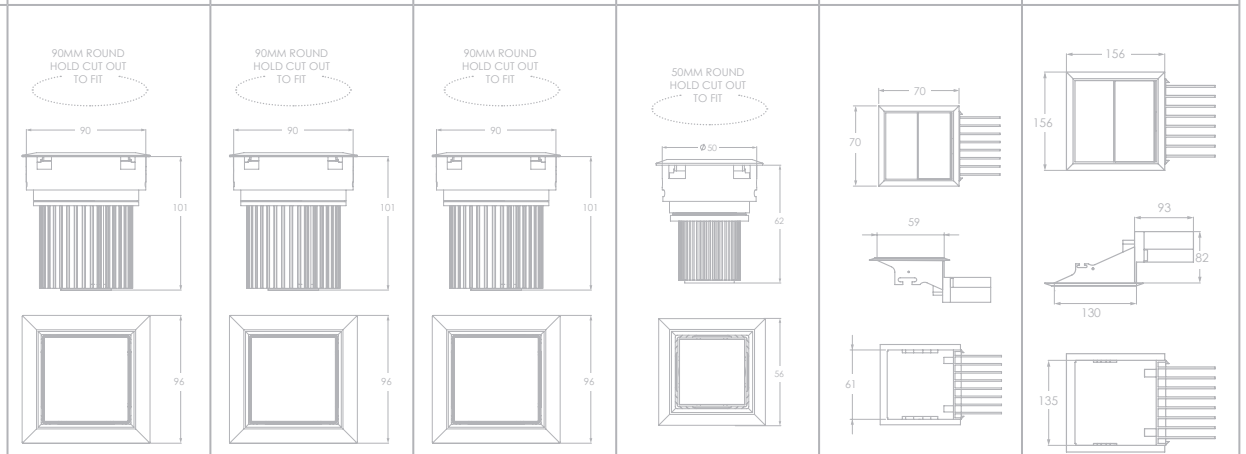


The W900 is a bright, high quality wall light suitable for indirect lighting of rooms and hallways. It has the ability to switch between direct and diffuse beam spreads.

# Installation, Dimensions and Specifications



Unit	D900 Cube	D1000 Cube	D900 90/30 Cube	D400 Cube	W200 Cube	W900 Cube
Lumen Rating	903lm	1084lm	901lm	408lm	240lm	912lm
Light Quality (CRI)	90+	90+	90+	90+	90+	90+
Efficacy	56lm/W	67lm/W	56lm/W	58lm/W	64lm/W	57lm/W
Colour Temp.	3000k	5000k	3000k	3000k	3000k	3000k
IP Rating	IP44	IP44	IP44	IP44	IP44	IP44
Wattage	16W	16W	16W	7W	3.7W	16W
Beam Angle	55°/45°	55°/45°	90°-30°	36°	Direct/Diffuse	Direct/Diffuse
Lifetime (Ta35°)	70,000hrs	70,000hrs	70,000hrs	70,000hrs	70,000hrs	70,000hrs
Input Voltage	220-270V	220-270V	220-270V	220-270V	220-270V	220-270V
Gimble Angle	±15°	±15°	±15°	±15°	n/a	n/a
Ambient Temp.	-28 to 70°	-28 to 70°	-28 to 70°	-28 to 70°	-28 to 70°	-28 to 70°
Operating Temp.	-20 to 85°	-20 to 85°	-20 to 85°	-20 to 85°	-20 to 85°	-20 to 85°
Luminaire Class	IEC 60598- 1:2008	IEC 60598- 1:2008	IEC 60598- 1:2008	IEC 60598- 1:2008	IEC 60598- 1:2008	IEC 60598- 1:2008





## Cube Series Benefits and Features

**1)** The square shaped beam allows users to light spaces with greater efficiency and aesthetic alignment.

**2)** Using only 16W to produce over 900 lumens, the Cube is highly eco-efficient.

**3)** Payback is fast. A full return on your investment can be expected in less than 2 years.

**4)** The D900 will reach 80% brightness at 70,000 hours and comes with a 5 year warranty.

**5)** The Cube is the brightest standard sized LED downlight on the Australian market. At 903 lumens its closest competitor offers only 700 lumens.

**6)** Dissimilar to CFLs, full brightness is achieved from the moment the D900 Cube is switched on.

**7)** The heat sink averages only 60 degrees, removing the fire risk commonly associated with 50W halogen globes.

**8)** The patented square lens ensures low glare, with little loss of light.

**9)** A cleaner aesthetic is achieved by using only one chip as a light source.

**10)** LED lights emit no UV rays, posing no risk to skin or furnishings, unlike halogens and CFL's.

**11)** With its high CRI (90) products, people and interiors will look as good as they can.

**12)** It comes as an easy to install integrated fitting, including luminaire and constant current driver.

**13)** The housing can be easily tilted up to fifteen degrees in order to direct and focus the light.

**14)** The D900 Cube contains no toxic materials, nor does it produce any as a by-product. So, no risk to the environment of mercury, lead or hexavalent chromium contamination upon disposal.









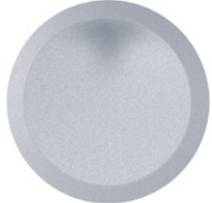






**15)** It is easily dismantled by hand for recycling.

**16)** At the end of its life Brightgreen will buy back the unit for \$2.

# How to Order Brightgreen's Cubed Series

NAME	CODE	+ BEAM ANGLE	+ FASCIA COLOUR
D900 Cube	BG-CB-D900	-45 or -55 or -90/30	-W or -S
D1000 Cube	BG-CB-D1000	-45 or -55 or -90/30	-W or -S
D400 Cube	BG-CB-D400	-36	-W or -S
W200 Cube	BG-CB-W200	N/A	-W or -S
W900 Cube	BG-CB-W900	N/A	-W or -S

## Meet the Well-Rounded Friends of Cubed Series

 	 	 	 	 
 <p>A standard sized LED warm white (3000K) downlight with a circular beam for general illumination purposes. The dimmable D900 Curve is the only LED that matches the light output of a 50W halogen.</p>	 <p>The revolutionary 90/30 degree lens version of the D900 Curve casts a long, oblong shaped beam, which is ideal for lighting hallways, kitchen benches, and for wall-washing at a distance.</p>	 <p>The D400 Curve's 36 degree round beam allows for direct lighting of smaller spaces such as alcoves, vanity basins, wall recesses and kitchen benches.</p>	 <p>The W200 Curve is a wall light that casts a soft, diffuse wash light downwards to achieve high quality, ambient orientation lighting for stairwells, halls and passageways.</p>	 <p>For indirect lighting applications, W900 Curve wall light casts a bright, diffuse light upon surfaces such as walls and ceilings, making spaces appear brighter and more spacious.</p>

## Where to Purchase the Brightgreen Range

You can order Brightgreen products and receive lighting advice from premium independent retailers. Professionals can purchase through the following electrical wholesalers. To find your nearest store enter your postcode on our web [www.brightgreen.net.au](http://www.brightgreen.net.au)

