

# D900.S-CR LED downlight

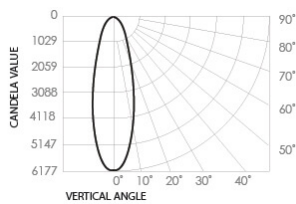
## Datasheet



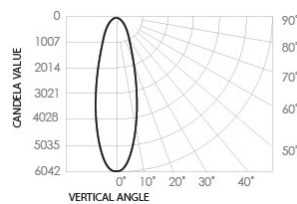
### Product codes

Unit:	Series:	Colour temp. (K):	Beam angle (°):	Colour:	Wattage:
D900.S	CR	3K 4K	25 40	B (Black) W (White)	12

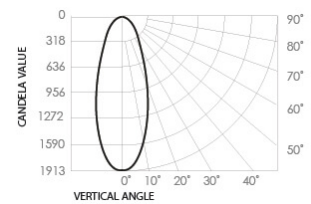
### Photometrics



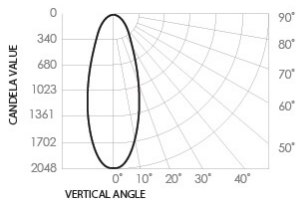
Source lumen output: 1163lm  
 Delivered lumen: 920lm  
 Efficacy: 77lm/W  
 Colour temp.: 4000K  
 Beam angle: 25°



Source lumen output: 1140lm  
 Delivered lumen: 900lm  
 Efficacy: 75lm/W  
 Colour temp.: 3000K  
 Beam angle: 25°



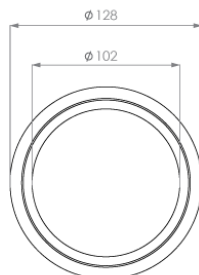
Source lumen output: 1140lm  
 Delivered lumen: 920lm  
 Efficacy: 77lm/W  
 Colour temp.: 3000K  
 Beam angle: 40°



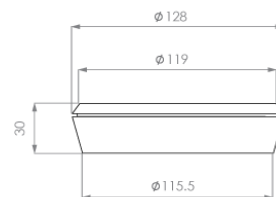
Source lumen output: 1163lm  
 Delivered lumen: 940lm  
 Efficacy: 78lm/W  
 Colour temp.: 4000K  
 Beam angle: 40°

### Dimensions (mm)

Front view



Side view



## Electrical

<b>Input voltage:</b> 220-240V	<b>Power usage:</b> 12W	<b>IP rating:</b> IP44	<b>Surge protection:</b> Yes	<b>Dimmable:</b> Yes
-----------------------------------	----------------------------	---------------------------	---------------------------------	-------------------------

## Operational

<b>Operating temp.:</b> -10 to 90°C	<b>Average temp.:</b> 60°C	<b>Ambient temp.:</b> -28 to 65°C	<b>Lifetime:</b> 70,000 hrs (@TA25)	<b>Source Lumens:</b> 1140lm or 1163lm
--	-------------------------------	--------------------------------------	--	---

## Physical

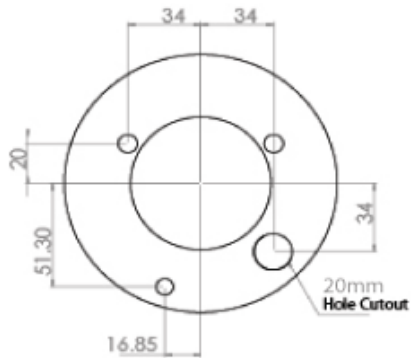
<b>Weight:</b> 300g	<b>Warranty:</b> 7 years
------------------------	-----------------------------

## Compatibility

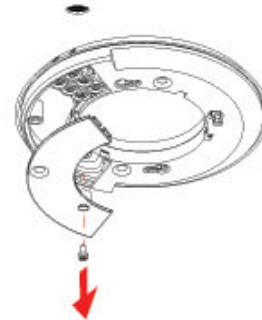
**Recommended Dimmers:**  
Compatible with leading home automation systems and dimmers.  
Recommended Dimmers:  
Universal, Trailing Edge, Leading Edge.

\*For more details please refer to:  
<https://brightgreen.com/digital-driver>  
All systems are unique, please  
call 1300 672 499 for advice on your installation.

## Installation



**Step 1**  
Using a guide or the junction plate, mark out the placements of the 3 mounting screws and 20mm hole cut out.



**Step 2**  
Remove the cover on the junction plate by unscrewing the holding screw

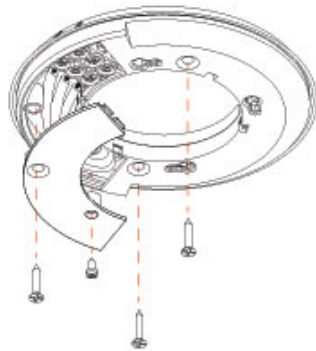
## Installation



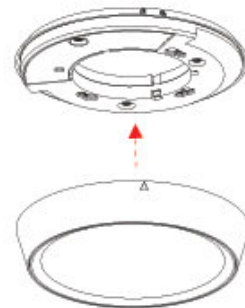
**Step 3**  
Pull the power cable through the junction plate.



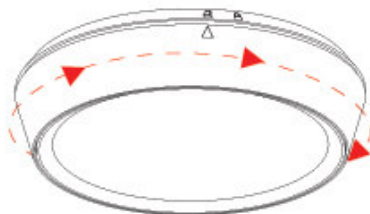
**Step 4**  
Strip back the outer insulation on the power cable line to allow approximately 8cm of the inner insulation wire.  
Correctly wire the power cable into the junction plate in line with Australian Standards.  
Where necessary daisy chain another power cable into the next unit.



**Step 5**  
Ensure cabling sits flat within the junction recess, then attach the junction cap and fasten the base plate to the ceiling using the provided screws.



**Step 6**  
Align the luminaire to the base plate.



**Step 7**  
Twist the luminaire clockwise to lock into position.