



Test

Andrew

Client: Andrew



brightgreen

Area 1

Area 1 summary

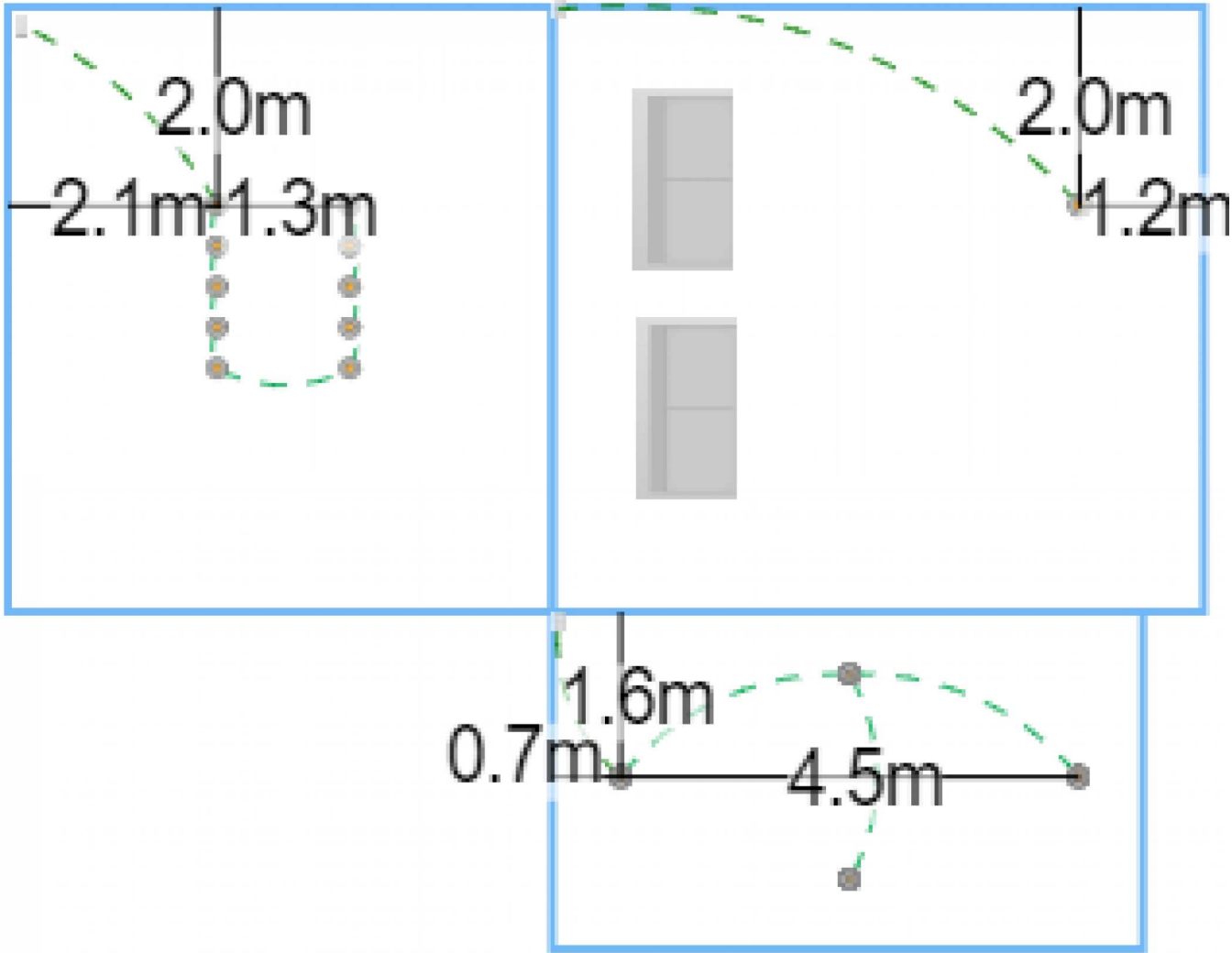
Electrical

Total Power: 144.7W
Legal Power Limit: 5W p/sqm
Average Power: 1.6W p/sqm

Photometric

Recommended Lumens: 9170lm
Reached Lumens: 9182lm

Summary



Product	Units
D900-CR-3K-45-S	1
light-switch	3
solar-panel	2
D700-CR-3K-60-S	4
D550-CR-3K-36-S	10
Wiring	~21.38m

Lighting Design	PREPARE FOR: Area 1	Client: Andrew	Designer: Andrew
		Date: 10/12/2015	Contact:
		Square Metres: 90.8sqm	Email: andrewk@brightgreen.com

Summary

Area 1 - Room 1

Electrical

Total Power: 15.7W

Recommended Wattage: 194W

Average Power: 0.4W p/sqm

Photometric

Recommended Lumens: 2886lm

Reached Lumens: 920lm

Reflectivity: Light

Assets

d900-cr-3k-45-s: 1

light-switch: 1

solar-panel: 2

Area 1 - Room 3

Electrical

Total Power: 42W

Recommended Wattage: 98W

Average Power: 2.1W p/sqm

Photometric

Recommended Lumens: 1461lm

Reached Lumens: 2812lm

Reflectivity: Light

Assets

d700-cr-3k-60-s: 4

light-switch: 1

Area 1 - Toilet

Electrical

Total Power: 87W

Recommended Wattage: 162W

Average Power: 2.7W p/sqm

Photometric

Recommended Lumens: 4823lm

Reached Lumens: 5450lm

Reflectivity: Light

Assets

d550-cr-3k-36-s: 10

light-switch: 1

D900 Curve LED downlight

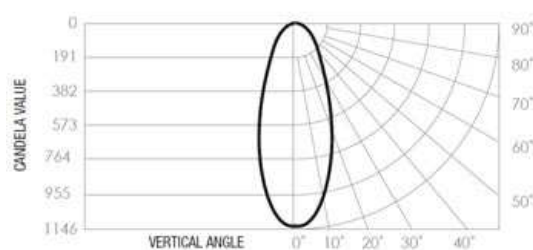
Datasheet



Product codes

Unit:	Family:	Colour temp. (K):	Beam angle (°):	Colour:
D900	CR	3K 5K CH	45 55 9030	S (Silver) W (White)

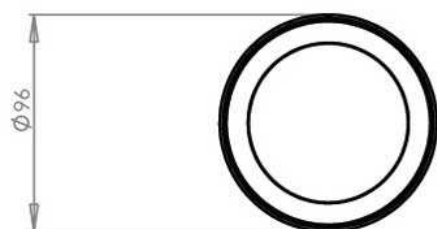
Photometrics



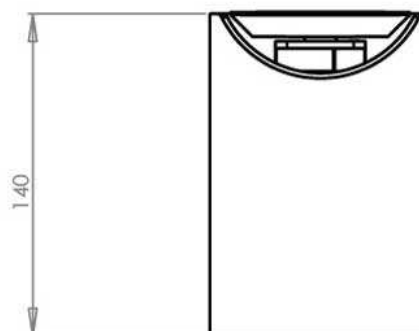
Lumen output: 920lm
Colour temp.: 3000K
Efficacy: 59lm/W
Beam angle: 45°

Dimensions (mm)

Front view



Side view



Electrical

Power Usage: 15.7W	Driver Power Factor: >0.9	IP Rating: IP40	Surge Protection: 3100V	Cable Length: 1.5m
Dimming Range: 3-100%	Driver: BG-DRV:A-900/20-V2	Input Voltage: 220-240V		

Operational

Ambient Temp.: -28 to 70°C	Efficacy: 58lm/W or 59lm/W or 61lm/W or 65lm/W or 68lm/W or 64lm/W	Operating Temp.: -30 to 81°C	Average Temp.: 56°C	Lifetime: 70000 hrs
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Physical

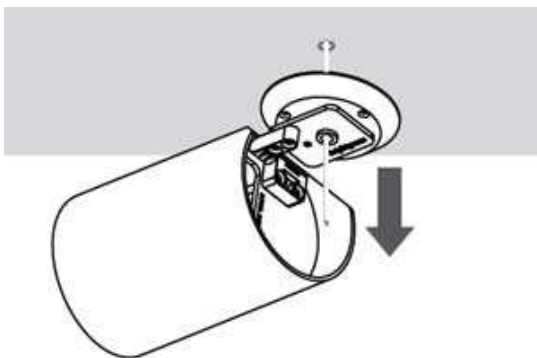
Warranty: 7 years	Gimble Angle: ±15°	Weight: 700g
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Compatibility

Recommended Dimmers:
Clipsal Universal,
Clipsal Trailing edge,
Legrand 400T, Trailing edge

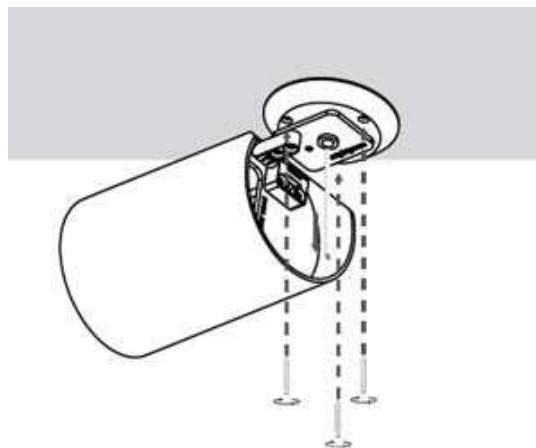
*Compatible with many centralised control systems.

Installation



Step 1

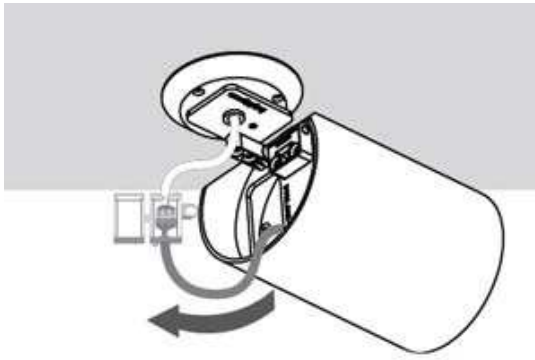
- Thread the power cable through the base plate and align the base plate to the roof.



Step 2

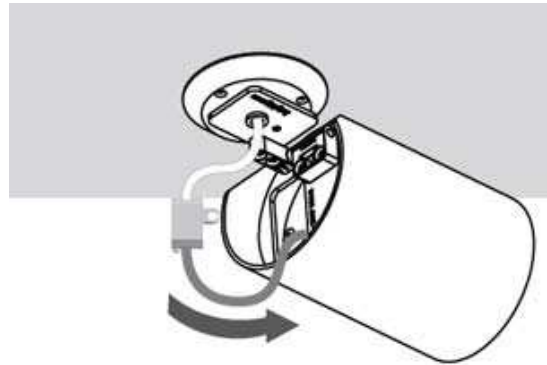
- Fasten the base plate to the roof using the provided screws.

* For more information refer to D900 SHX Installation Guide.



Step 3

- Remove the junction box from the back cavity of the D900 SHX.
- Open the junction box and connect the power cable to the junction box.
- Re-attach cover of junction box inline with Australian standards.

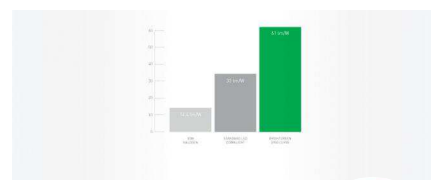


Step 4

- Slot the junction box back into the D900 SHX cavity.

D400 Curve LED downlight

Datasheet



Product codes

Unit: D400	Family: CR	Colour temp. (K): 3K 5K	Beam angle (°): 36	Colour: S (Silver) W (White)
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Electrical

Power Usage: 7W	Driver Power Factor: >0.9	IP Rating: IP44	Surge Protection: 3100V	Cable Length: 1.5m
Dimming Range: 3-100%	Driver: ED-CU3506HPA	Input Voltage: 220-240V	Colour Temperature: 3000K or 5000K	

Operational

Ambient Temp.: -28 to 65°C	Lumen Output: 400lm or 444lm	Efficacy: 57lm/W or 63lm/W	Beam Angle: 36°	Light Quality: 95CRI
Operating Temp.: -30 to 85°C	Average Temp.: 64°C	Lifetime: 70000 hrs		

Physical

Warranty: 7 years	Gimble Angle: ±15°	Weight: 310g	Fascia Colour: White or Silver
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D700 Curve LED downlight

Datasheet



Product codes

Unit:	Family:	Base type:	Colour temp. (K):	Beam angle (°):	Colour:
D700	CR	GU10	3K 4K	40 60	W (White)

Electrical

Power Usage:	Driver Power Factor:	IP Rating:	Surge Protection:	Cable Length:
10.5W	~0.95	IP30	3100V	1.5m
Dimming Range:	Input Voltage:	Colour Temperature:		
10-100%	240V	3000K or 4000K		

Operational

Ambient Temp.:	Lumen Output:	Efficacy:	Beam Angle:	Light Quality:
-28 to 60°C	720lm or 703lm or 756lm or 738lm	69lm/W or 67lm/W or 72lm/W or 70lm/W	40° or 60°	83CRI
Operating Temp.:	Average Temp.:	Lifetime:		
-30 to 85°C	65°C	40000 hrs		

Physical

Warranty:	Type:	Gimble Angle:	Weight:	Fascia Colour:
3 years	GU10	±15°	200g	White