D550.SH Curve LED downlight
Datasheet
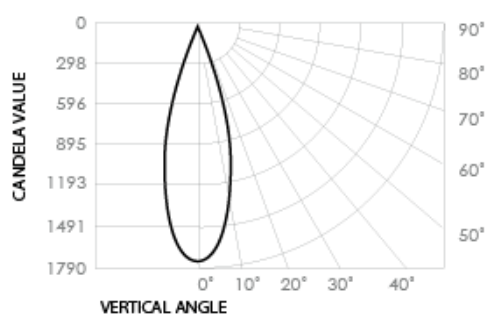
TRUCOLOUR

Product codes

Unit:	Series:	Colour temp.:	Beam angle (°):	Colour:
D550.SH	CR	2.7K	36	B (Black)
		3K		W (White)
		4K		
		5K		

Photometrics

Standard Products

Source lumen output: 670lm
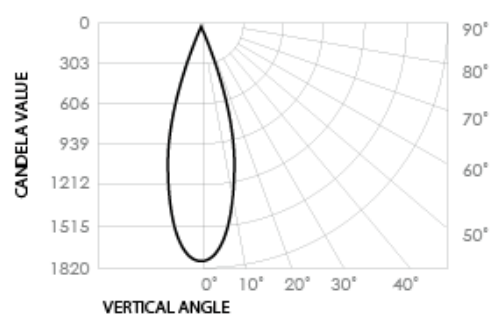**Delivered lumen:** 550lm
Efficacy: 69lm/W
Colour temp.: 3000K
Beam angle: 36°
CRI: 97
Standard Deviation of colour matching (SDCM): 0MacAdams Steps

Source lumen output: 685lm
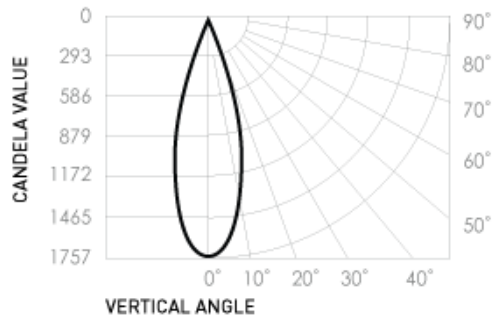**Delivered lumen:** 560lm
Efficacy: 70lm/W
Colour temp.: 4000K
Beam angle: 36°
CRI: 97
Standard Deviation of colour matching (SDCM): 0MacAdams Steps

Special Order Products

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Source lumen output: 660lm
Delivered lumen: 540lm
Efficacy: 68lm/W
Colour temp.: 2700K (Special Order)
Beam angle: 36°
CRI: 97
Standard Deviation of colour matching (SDCM): 0MacAdams Steps
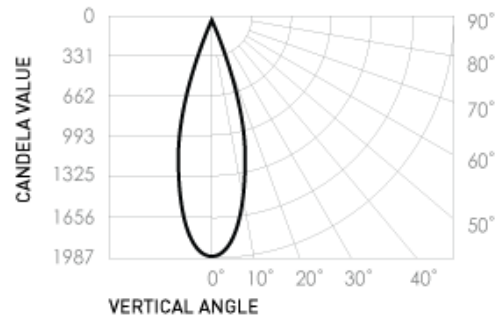
Source lumen output: 745lm
Delivered lumen: 610lm
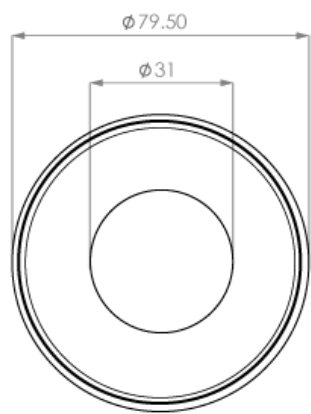**Efficacy:** 76lm/W
Colour temp.: 5000K (Special Order)
Beam angle: 36°
CRI: 97
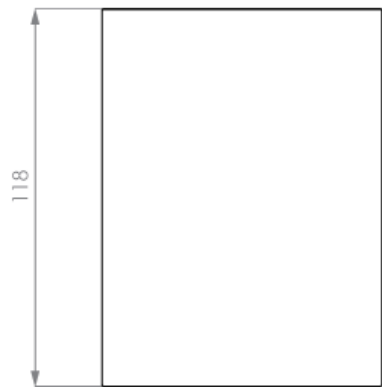**Standard Deviation of colour matching (SDCM):** 0MacAdams Steps

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Dimensions (mm)

Front view

Ø79.50

Ø31

Side view

118

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Electrical

Input voltage:	Power usage:	Driver power factor:	IP rating:	Surge protection:
220-240V	8.5W	0.93	IP44	3100V

AC Cable length:	Dimmable:	Driver:
1.5m	Yes	PHASE (-PHASE)
		DALI (-DALI)
		CASAMBI (-CASAMBI)
		0-10V (-010V)

Operational

Operating temp.:	Average temp.:	Ambient temp.:	Lifetime L70, B10:	Source Lumens:
-30 to 85ºC	64ºC	-28 to 65ºC	70,000 hrs (@TA25)	670lm or 685lm or 660lm or 745lm

SDCM:
2MacAdam Steps

Physical

| Weight:	Warranty:	Version:
310g	7 years	1.5

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

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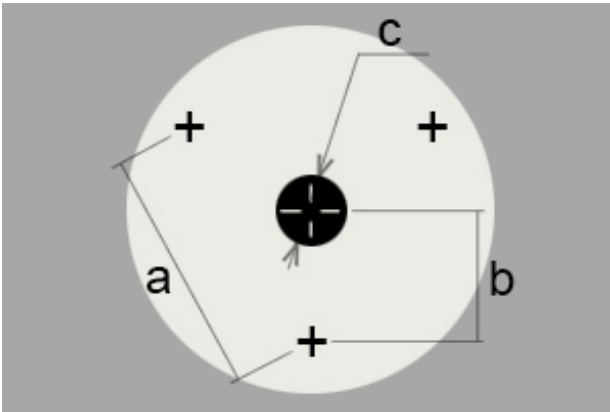
Step 1
Ceiling mount hole piloting.
a=33.5mm ; b=19mm ; c=9mm

Step 2
Disconnect all power at the switchboard.
Release the base plate from the D900 SH body by unscrewing the 3 retaining grub screws, then feed the power cable through the base plate and attach base plate to the roof* for more information refer to D550 SH installation guide.
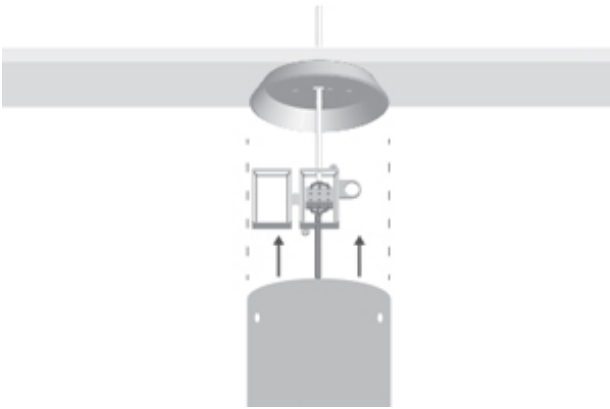
Step 3
Open the juntion box and connect the power cable to the junction box. Re-attach cover of junction box inline with Australian standards.
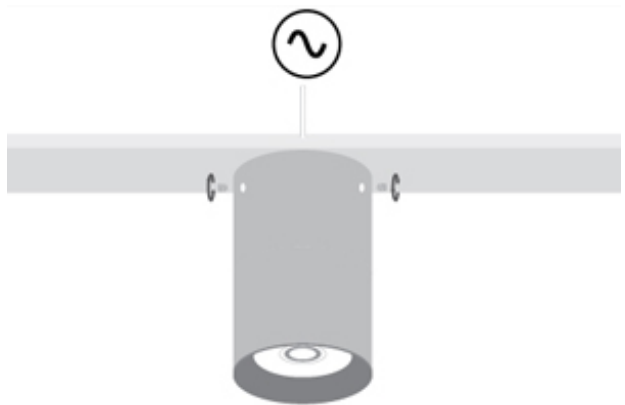

Step 4
Align and attach the D550 SH body to the base plate then screw in the three grub screws to secure the D550 SH to the ceiling.

Step 5
Installation complete.

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