D550.SHX Curve LED downlight
Datasheet
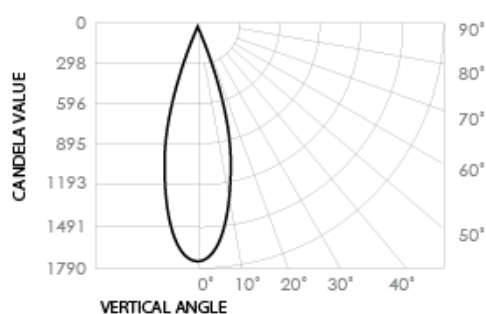
Product codes

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

Photometrics

Standard Products

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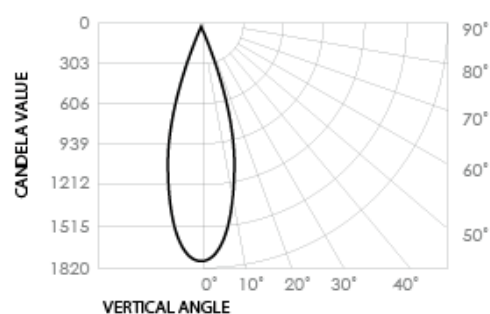**Delivered lumen:** 550lm
Efficacy: 69lm/W
Colour temp.: 3000K
Beam angle: 36°
CRI: 97
Standard Deviation of colour matching (SDCM): 0MacAdams Steps

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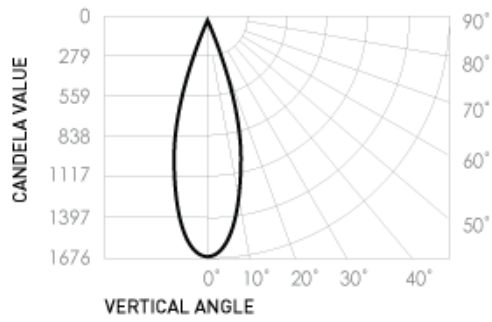**Delivered lumen:** 560lm
Efficacy: 70lm/W
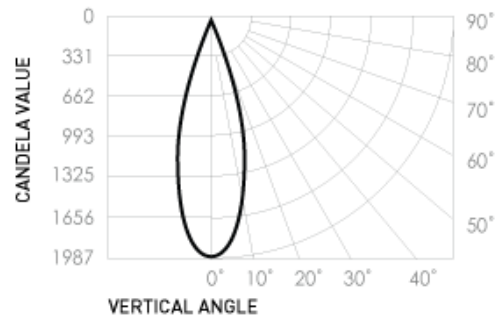**Colour temp.:** 4000K
Beam angle: 36°
CRI: 97
Standard Deviation of colour matching (SDCM): 0MacAdams Steps

Special Order Products

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CANDELA VALUE

| 0 |
| 279 |
| 559 |
| 838 |
| 1117 |
| 1397 |
| 1676 |

0° 10° 20° 30° 40°

90° 80° 70° 60° 50°

VERTICAL ANGLE

Source lumen output: 630lm
Delivered lumen: 515lm
Efficacy: 64lm/W
Colour temp.: 2700K (Special Order)
Beam angle: 36°
CRI: 97
**Standard Deviation of colour matching (SDCM):** 0MacAdams Steps

CANDELA VALUE

| 0 |
| 331 |
| 662 |
| 993 |
| 1325 |
| 1656 |
| 1987 |

0° 10° 20° 30° 40°

90° 80° 70° 60° 50°

VERTICAL ANGLE

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

Ø79.50

118

84
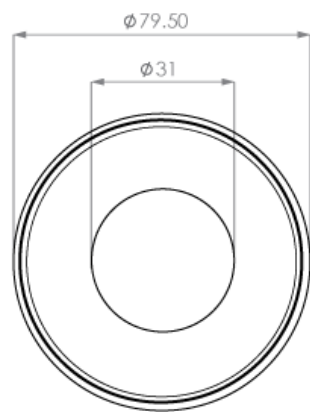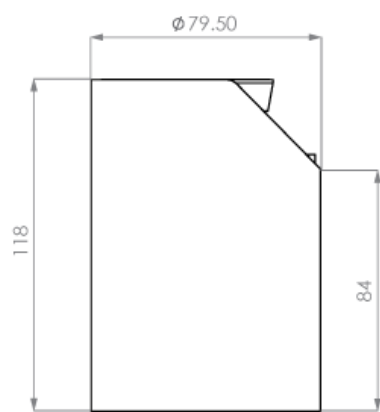
Electrical

Input voltage: 220-240V	**Power usage:** 8.5W	**Driver power factor:** 0.9	**IP rating:** IP44	**Surge protection:** 3100V
AC Cable length: N/Am	**Dimmable:** Yes	**Driver:** PHASE (-PHASE) CASAMBI (-CASAMBI) 0-10V (-010V)		

Operational

Operating temp.: -30 to 70ºC	**Average temp.:** 64ºC	**Ambient temp.:** -28 to 65ºC	**Lifetime L70, B10:** 70,000 hrs (@TA25)	**Source Lumens:** 670lm or 685lm or 630lm or 745lm
SDCM: 2MacAdam Steps				

Physical

Weight: 380g	**Gimbal angle:** 90º/360º	**Warranty:** 7 years	**Version:** 1.5

Compatibility

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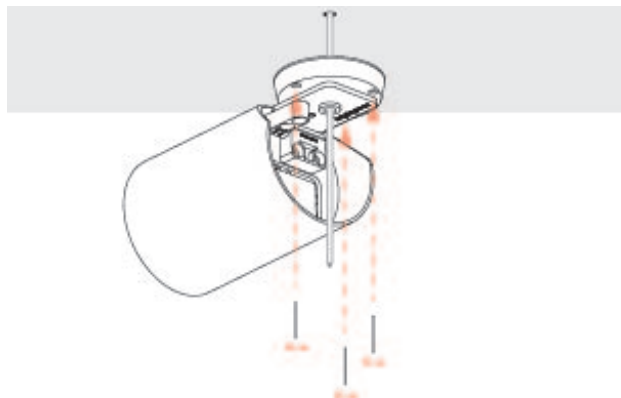Recommended Dimmers:
Universal, Trailing Edge, Leading Edge.

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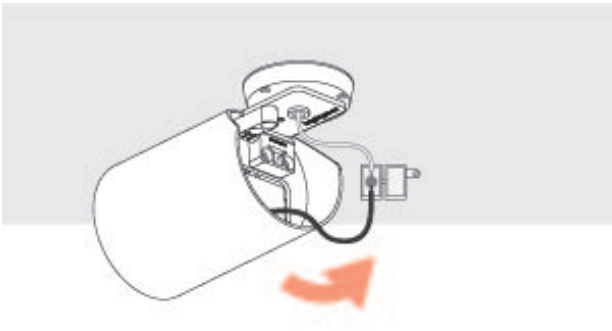call 1300 672 499 for advice on your installation."

Installation
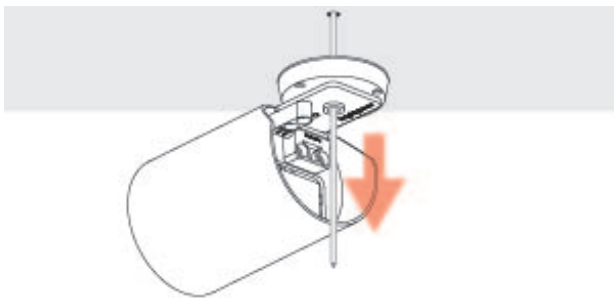
Step 1
Thread the power cable through the base plate and align the base plate to the roof.

Step 2
Fasten the base plate to the roof using the provided screws.

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Step 3

Remove the junction box from the back cavity of the D550.SHX.

Open the junction box and connect the power cable to the junction box.

Re-attach cover of junction box inline with Australian standards

Recommended cable to run into the junction box is a 0.75mm two-core and earth flexible electrical cable.
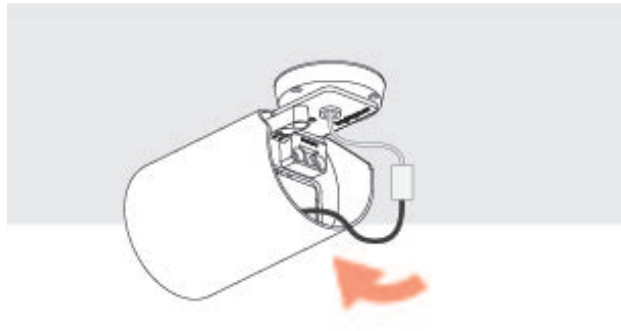
Step 4

Slot the junction box back into the D550.SHX cavity.

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