

D900.SH Curve LED downlight

Datasheet

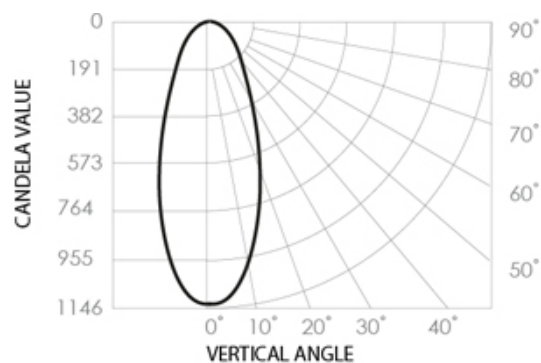


Product codes

Unit:	Series:	Colour temp.:	Beam angle (°):	Colour:
D900.SH	CR	1.8K.3.1K	27	B (Black)
		2.7K	45	W (White)
		2.8K.5.8K	55	
		3K		
		4K		
		5K		

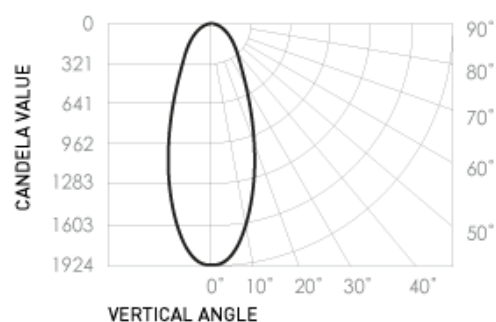
Photometrics

Standard Products



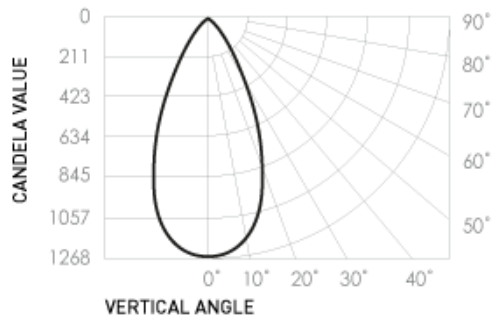
Source lumen output: 1385lm
 Delivered lumen: 900lm
 Efficacy: 55lm/W
 Colour temp.: 3000K
 Beam angle: 45°
 CRI: 97

Standard Deviation of colour matching (SDCM): 2MacAdams Steps



Source lumen output: 1415lm
 Delivered lumen: 920lm
 Efficacy: 56lm/W
 Colour temp.: 4000K
 Beam angle: 45°
 CRI: 97

Standard Deviation of colour matching (SDCM): 2MacAdams Steps



Source lumen output: 1385lm

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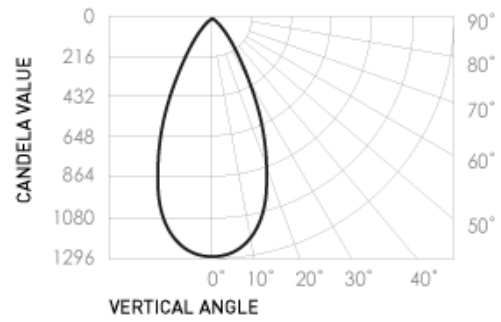
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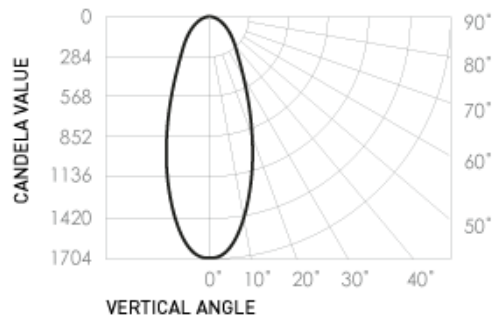
Efficacy: 56lm/W

Colour temp.: 4000K

Beam angle: 55°

CRI: 97

Standard Deviation of colour matching (SDCM): 2MacAdams Steps



Source lumen output: 1255lm

Delivered lumen: 815lm

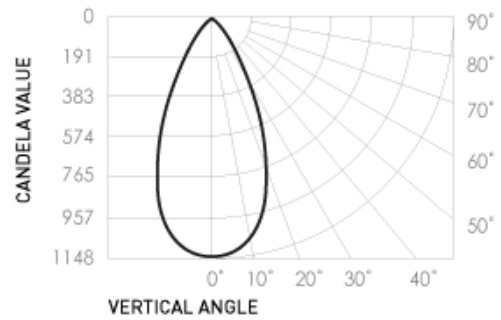
Efficacy: 49lm/W

Colour temp.: 1.8K-3.1K (Night Shift)

Beam angle: 45°

CRI: 97

Standard Deviation of colour matching (SDCM): 2MacAdams Steps



Source lumen output: 1255lm

Delivered lumen: 815lm

Efficacy: 49lm/W

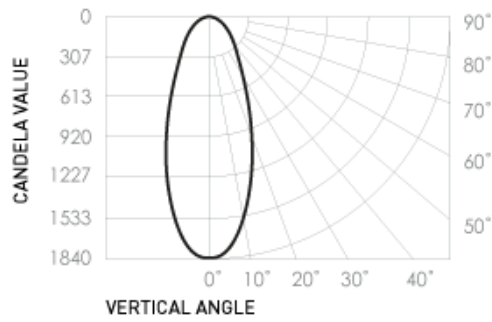
Colour temp.: 1.8K-3.1K (Night Shift)

Beam angle: 55°

CRI: 97

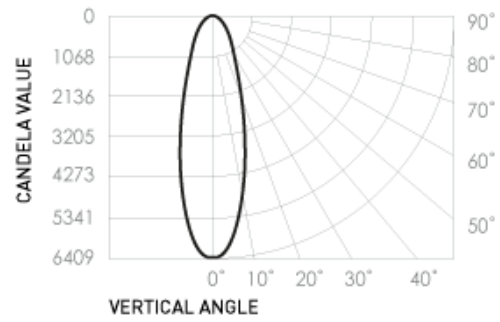
Standard Deviation of colour matching (SDCM): 2MacAdams Steps

Special Order Products



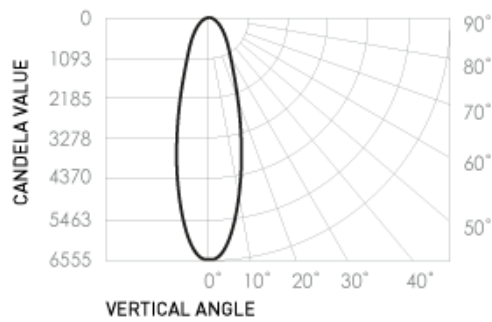
Source lumen output: 1365lm
 Delivered lumen: 880lm
 Efficacy: 53lm/W
 Colour temp.: 2700K (Special Order)
 Beam angle: 45°
 CRI: 97

Standard Deviation of colour matching (SDCM): 2MacAdams Steps



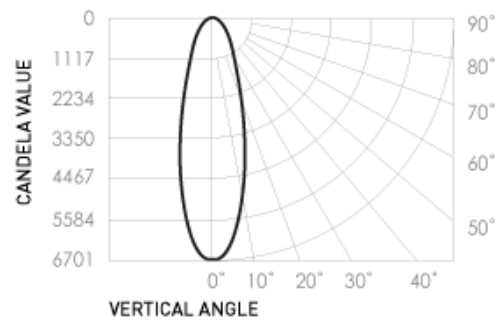
Source lumen output: 1365lm
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 Efficacy: 53lm/W
 Colour temp.: 2700K (Special Order)
 Beam angle: 27 (Special Order)°
 CRI: 97

Standard Deviation of colour matching (SDCM): 2MacAdams Steps



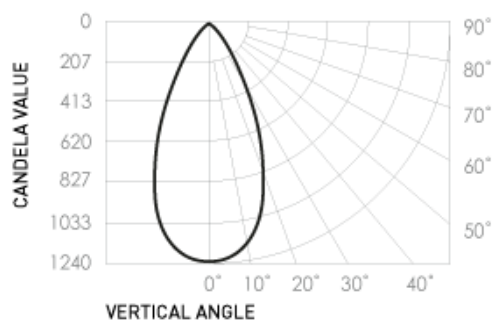
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Standard Deviation of colour matching (SDCM): 2MacAdams Steps



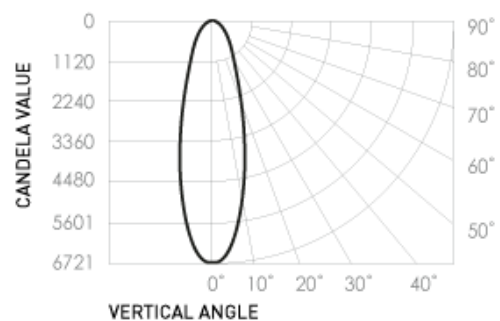
Source lumen output: 1415lm
 Delivered lumen: 920lm
 Efficacy: 56lm/W
 Colour temp.: 4000K
 Beam angle: 27 (Special Order)°
 CRI: 97

Standard Deviation of colour matching (SDCM): 2MacAdams Steps



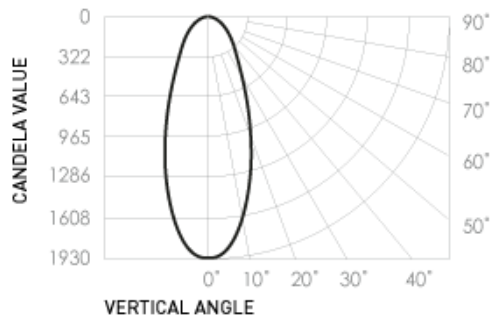
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Standard Deviation of colour matching (SDCM): 2MacAdams Steps



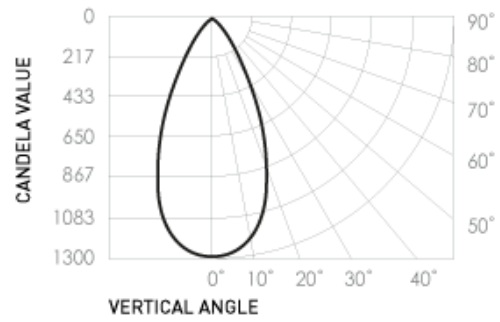
Source lumen output: 1420lm
 Delivered lumen: 925lm
 Efficacy: 56lm/W
 Colour temp.: 2.8K - 5.8K (Day Shift)(Special Order)
 Beam angle: 27 (Special Order)°
 CRI: 97

Standard Deviation of colour matching (SDCM): 2MacAdams Steps



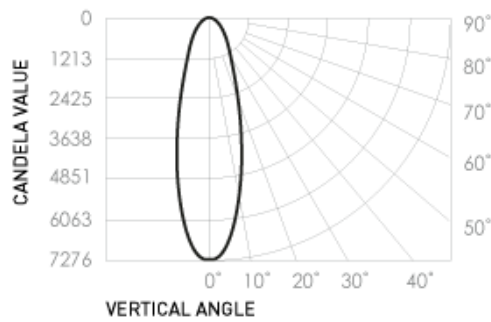
Source lumen output: 1420lm
 Delivered lumen: 925lm
 Efficacy: 56lm/W
 Colour temp.: 2.8K - 5.8K (Day Shift)(Special Order)
 Beam angle: 45°
 CRI: 97

Standard Deviation of colour matching (SDCM): 2MacAdams Steps



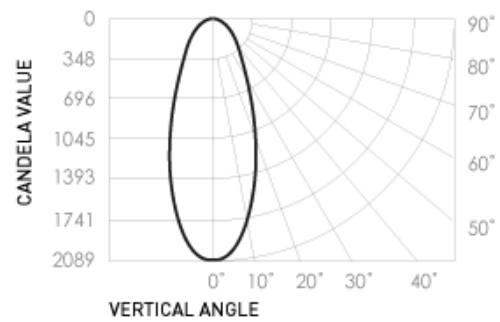
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Standard Deviation of colour matching (SDCM): 2MacAdams Steps



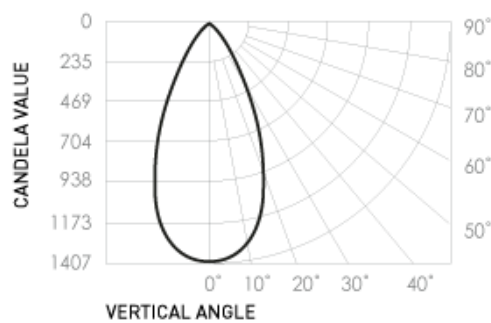
Source lumen output: 1540lm
 Delivered lumen: 1000lm
 Efficacy: 61lm/W
 Colour temp.: 5000K (Special Order)
 Beam angle: 27 (Special Order)°
 CRI: 97

Standard Deviation of colour matching (SDCM): 2MacAdams Steps



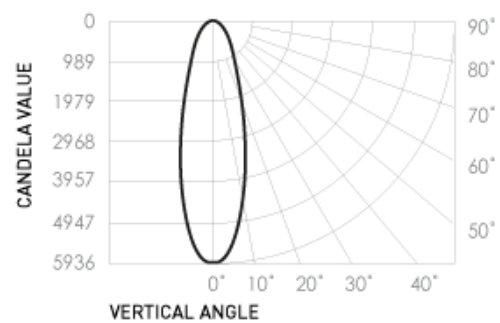
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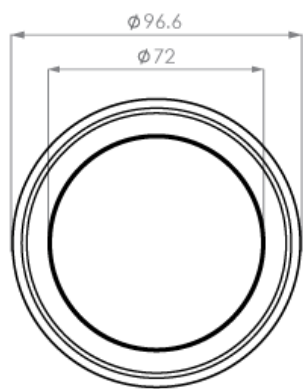


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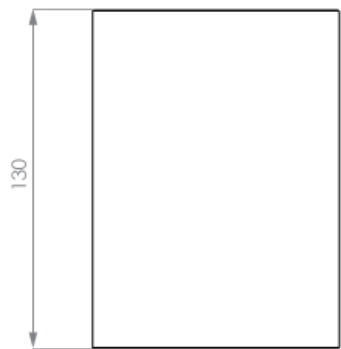
Standard Deviation of colour matching (SDCM): 2MacAdams Steps

Dimensions (mm)

Front view



Side view



Electrical

Input voltage: 220-240V	Power usage: 16.5W	Driver power factor: 0.93	IP rating: IP44	Surge protection: 3100V
AC Cable length: 0.2m	Dimmable: Yes	Driver: DRV900S:350-13	Driver for Pro-LN: SMART (Zigbee 3.0)	

Operational

Ambient temp.: -28 to 65°C	Lifetime L70, B10: 70,000 hrs (@TA25)	Source Lumens: 1415lm or 1255lm or 1385lm or 1365lm or 1420lm or 1540lm	SDCM: 2MacAdam Steps
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Physical

Weight: 700g	Gimbal angle: N/A	Warranty: 7 years	Version: 1.5
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Compatibility

Recommended Dimmers:

Compatible with leading home automation systems and dimmers.

Recommended Dimmers:

Universal, Trailing Edge, Leading Edge.

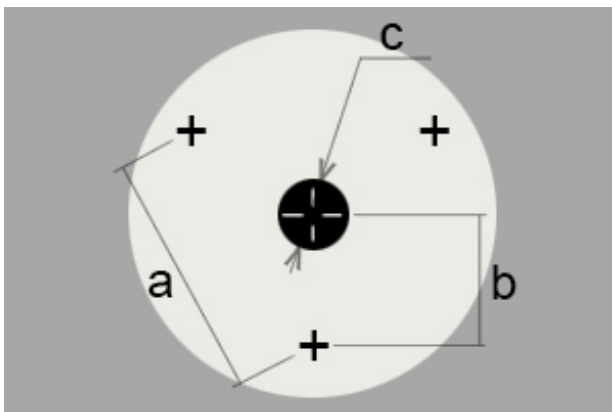
*For more details please refer to:

<https://brightgreen.com/digital-driver>

All systems are unique, please

call 1300 672 499 for advice on your installation.

Installation



Step 1

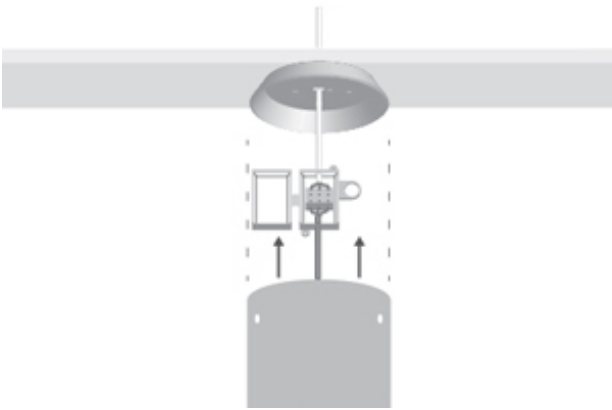
Unscrew the 3 grub screws from the side of the product to release the base plate. Using the base plate as a guide, pilot hole the points where the 3 mounting screws will be drilled in.



Step 2

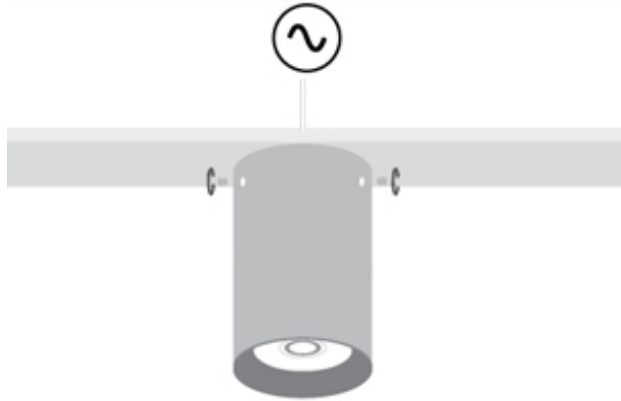
Thread the power cable through the base plate and align the base plate to the ceiling. Fasten the base plate to the ceiling using the 3 mounting screws.

Installation



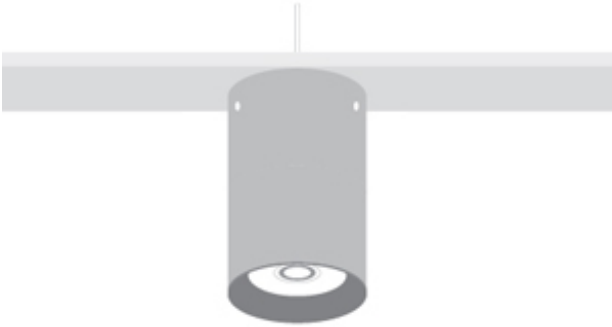
Step 3

Remove the junction box from the back of the luminaire. Open the junction box and connect the power cable.



Step 4

Reattach the cover of junction box and return it into the luminaire. Ensure the luminaire to the base plate using the grub screws.



Step 5

Installation complete.