

# P900 Curve LED Pendant Datasheet



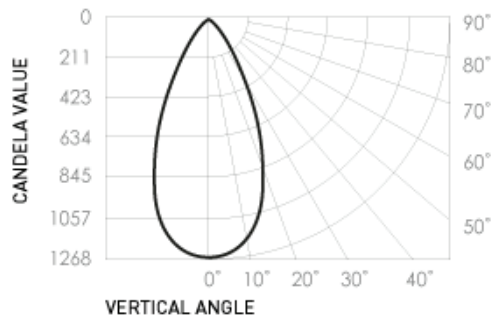
**TRU-COLOUR®**

## Product codes

Unit:	Series:	Colour temp.:	Beam angle (°):	Colour:	Driver:
P900	CR	1.8K.3.1K	24	B (Black)	PHASE (PHASE)
		2.7K	38	W (White)	DALI (DALI)
		2.8K.5.8K (ZIGBEE)	45		ZIGBEE (ZIGBEE 3.0)
		3K	55		CASAMBI (CASAMBI)
		4K			010V (0-10V)
		5K			

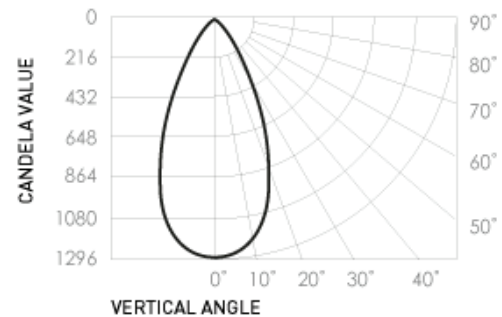
## Photometrics

### Standard Products



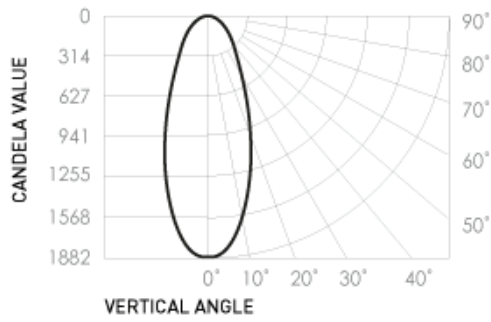
Source lumen output: 1385lm  
 Delivered lumen: 900lm  
 Efficacy: 55lm/W  
 Colour temp.: 3000K  
 Beam angle: 55°  
 CRI: 97

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



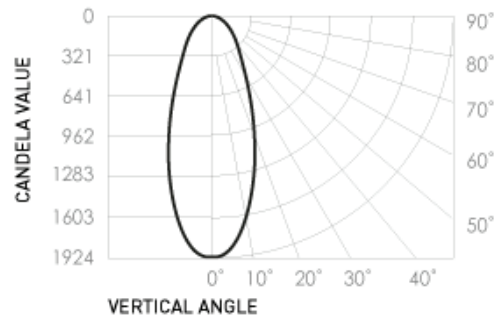
Source lumen output: 1415lm  
 Delivered lumen: 920lm  
 Efficacy: 56lm/W  
 Colour temp.: 4000K  
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Standard Deviation of colour matching (SDCM): 2MacAdams Steps



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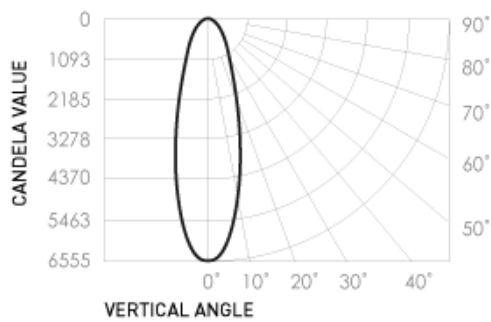
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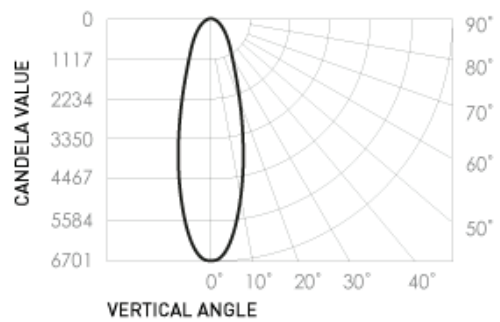
Standard Deviation of colour matching (SDCM): 2MacAdams Steps

### Special Order Products



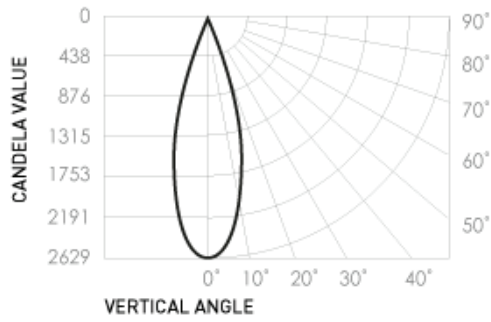
Source lumen output: 1385lm  
 Delivered lumen: 900lm  
 Efficacy: 55lm/W  
 Colour temp.: 3000K  
 Beam angle: 24 (Special Order)°  
 CRI: 97

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



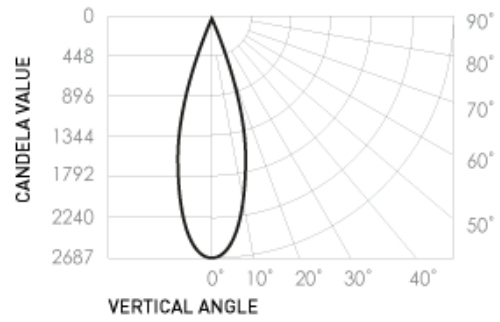
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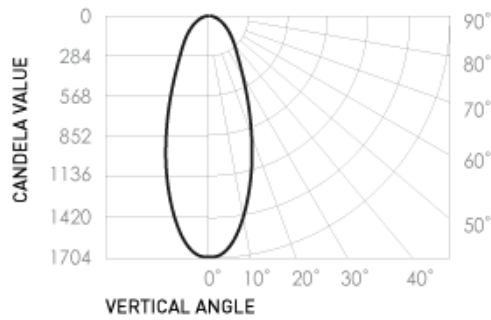
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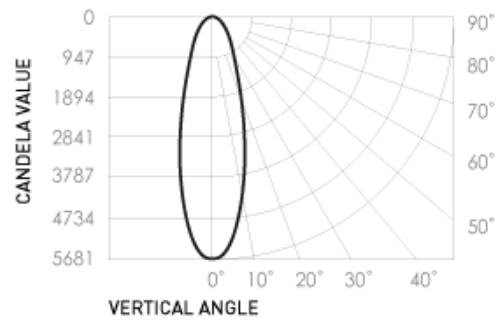
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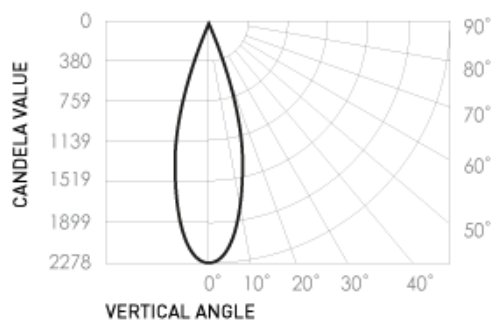
Source lumen output: 1255lm  
 Delivered lumen: 815lm  
 Efficacy: 49lm/W  
 Colour temp.: 1.8K-3.1K (Night Shift) (Special Order)  
 Beam angle: 45°  
 CRI: 97

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



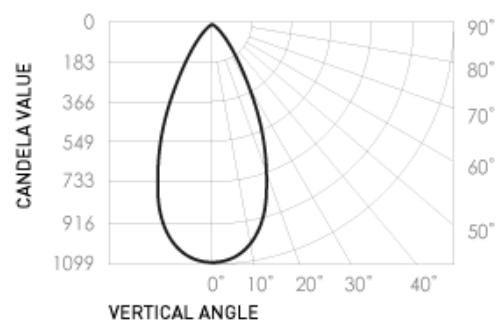
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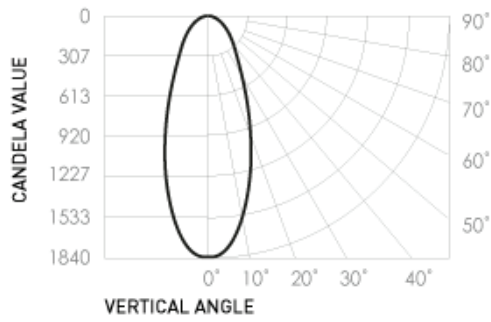
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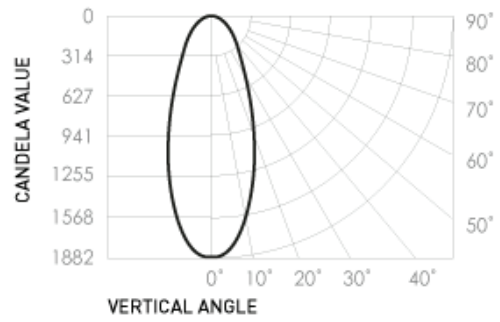
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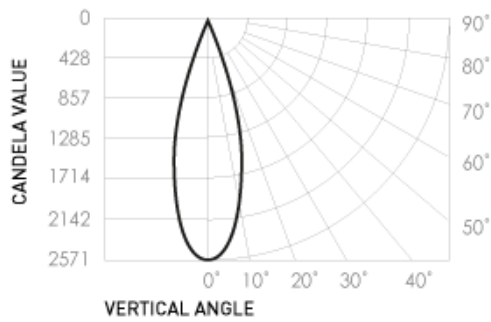
Source lumen output: 1355lm  
 Delivered lumen: 880lm  
 Efficacy: 53lm/W  
 Colour temp.: 2700K (Special Order)  
 Beam angle: 45°  
 CRI: 97

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



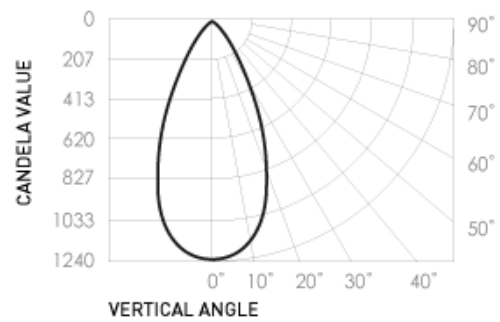
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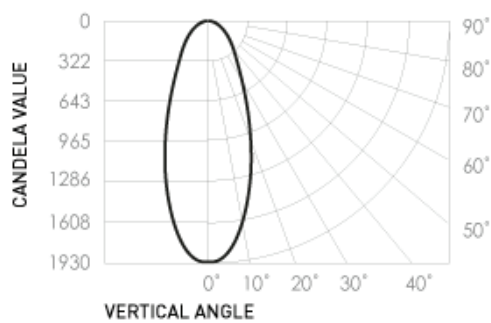
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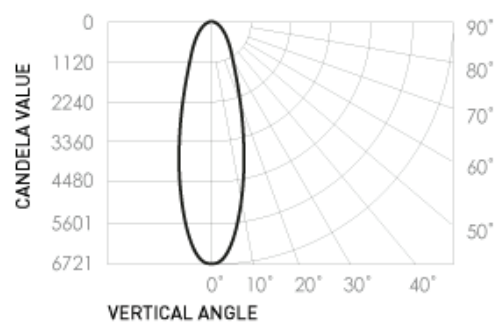
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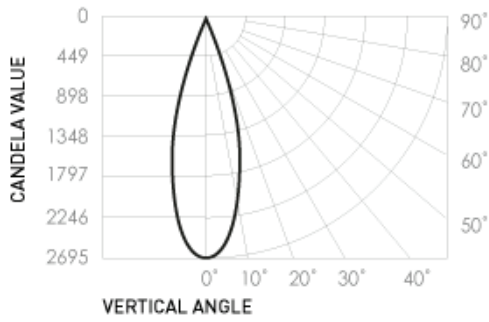
Source lumen output: 1420lm  
 Delivered lumen: 925lm  
 Efficacy: 56lm/W  
 Colour temp.: 2.8K - 5.8K (Day Shift)(Special Order)  
 Beam angle: 45°  
 CRI: 97

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



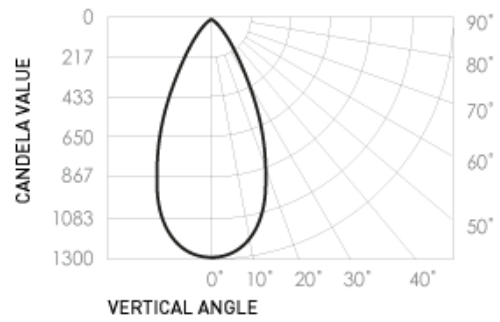
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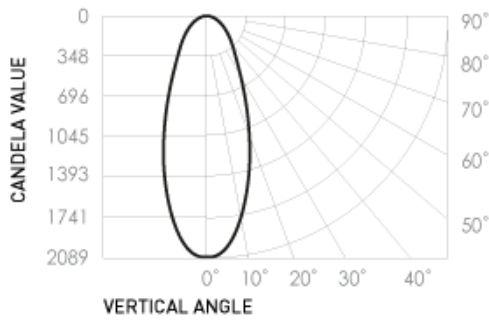
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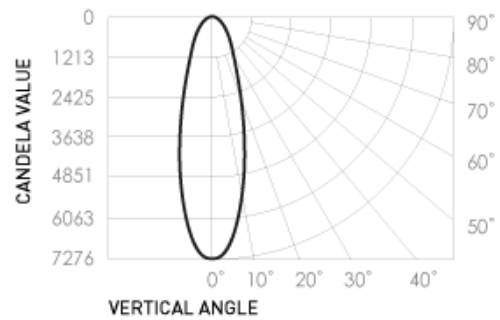
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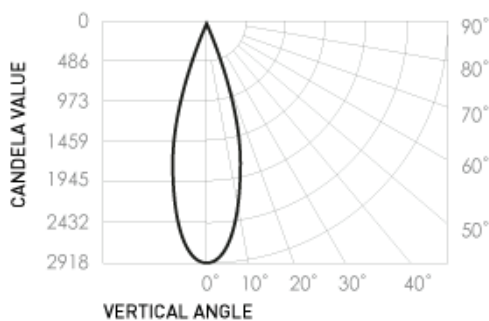
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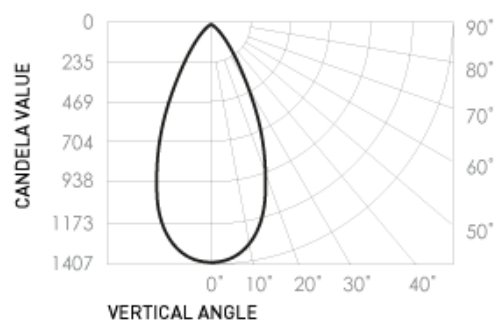
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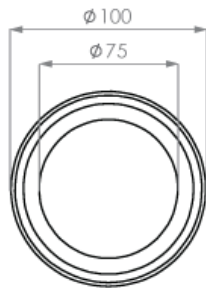


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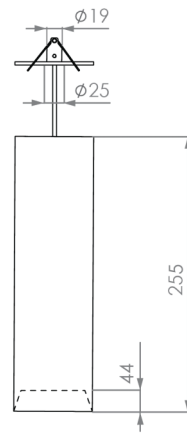
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## Dimensions (mm)

Front view



Side view



## Electrical

<b>Input voltage:</b> 220-240V	<b>Power usage:</b> 16.5W	<b>Driver power factor:</b> >0.9	<b>IP rating:</b> IP44	<b>Surge protection:</b> 3100V
<b>AC Cable length:</b> 1.2m	<b>Dimmable:</b> Yes	<b>Driver:</b> DRV900S:350-13		

## Operational

<b>Operating temp.:</b> -30 to 81°C	<b>Average temp.:</b> 56°C	<b>Ambient temp.:</b> -28 to 60°C	<b>Lifetime L70, B10:</b> 70,000 hrs (@TA25)	<b>Source Lumens:</b> 1415lm or 1255lm or 1385lm or 1420lm or 1540lm or 1355lm
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**SDCM:**  
2MacAdam Steps

## Physical

<b>Weight:</b> 730g	<b>Gimbal angle:</b> N/A	<b>Warranty:</b> 7 years	<b>Version:</b> 1.6
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## Compatibility

### Recommended Dimmers:

"Compatible with leading home automation systems and dimmers.

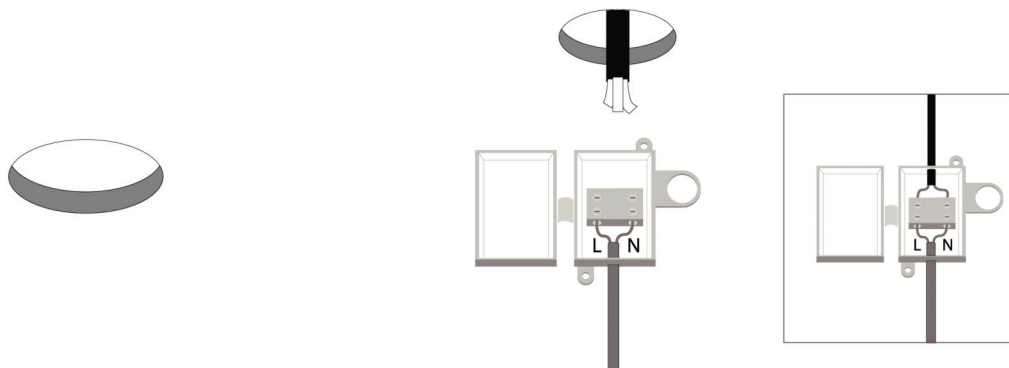
Recommended Dimmers:

Universal, Trailing Edge, Leading Edge.

Dayshift CCT (2.8K-5.8K) requires a ZIGBEE or DALI driver.

\*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



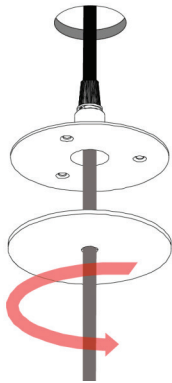
### Step 1

Using a 20mm hole saw, cut a hole in the ceiling at the desired location.

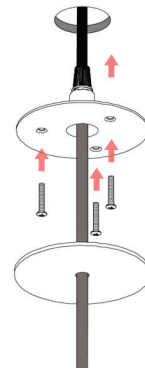
### Step 2

Thread the power cable through the ceiling and connect to the terminal block, ensuring live and null wires are positioned correctly. Then, place the terminal block into the ceiling.

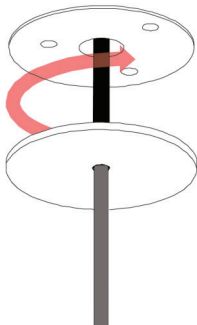
## Installation



**Step 3**  
Unscrew the cover plate to release the base plate.



**Step 4**  
Fasten the base plate to the ceiling using the 3 mounting screws provided.



**Step 5**  
Mount the cover plate.



**Step 6**  
Adjust the luminaire height using the cable retention.

Cable length - 1.2m