

D900.CL Curve LED Downlight

Datasheet

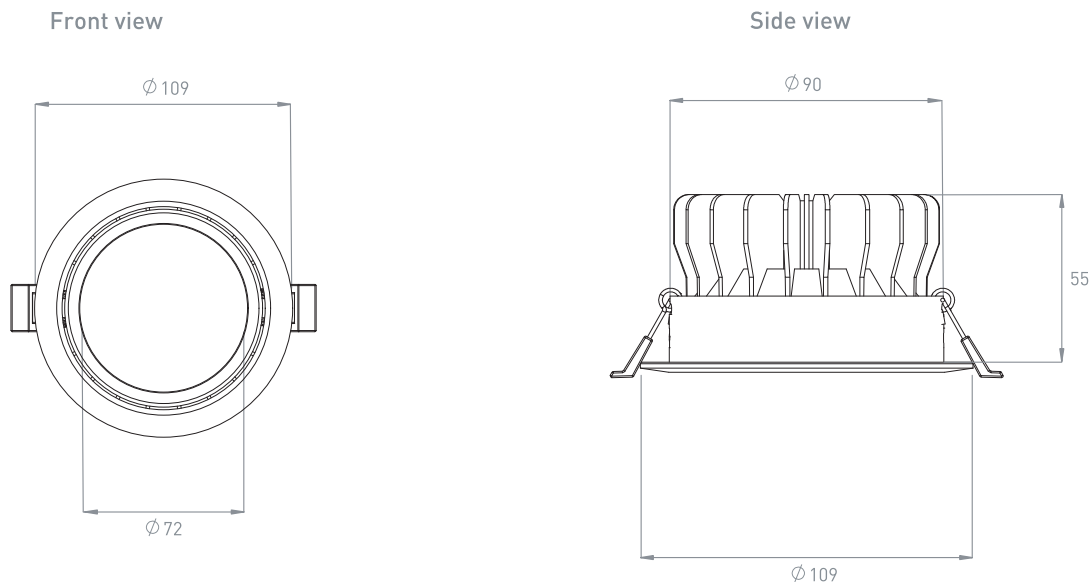


TRU-COLOUR®

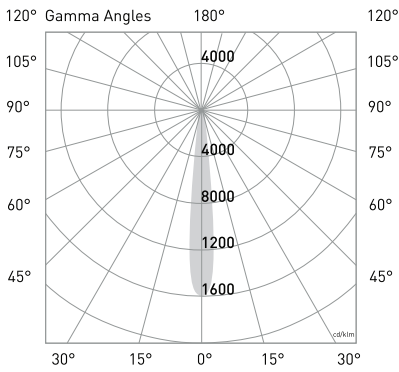
Product Codes

Unit: D900.CL	Series: CR	Colour temp. (K): 2.8K (2800K) 3K (3000K) 4K (4000K) 6K (6000K) 1.8K.3K (1800K-3000K) (Nightshift) 2.8K.6K (2800K-6000K) (Dayshift)	Beam Angle (°): 11 (Very Narrow) 22 (Narrow) 36 (Medium-Narrow) 44 (Medium) 50 (Standard) 20.WWW (Wall wash wide) 40.WWN (Wall wash narrow) 25.BW (Batwing) E35.70 (Elyptical) ULG.55 (Ultra low glare)	Colour: B (Black) W (White)
Control: PH (Phase Dimming) DA (DALI) ZG (ZIGBEE 3.0) CS (CASAMBI) 010 (0-10V)	Generation: 4.0			

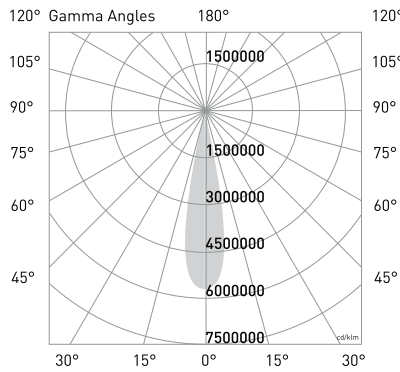
Dimensions (mm)



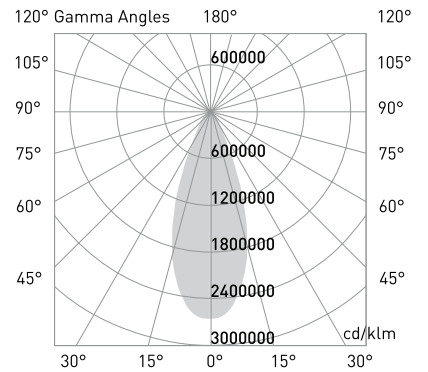
Photometric Diagrams



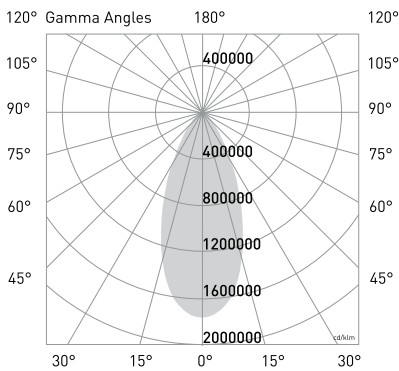
Beam Angle: 11° (Very Narrow)



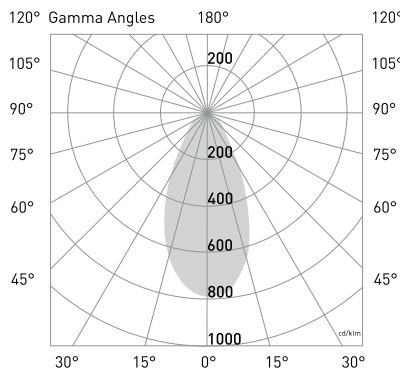
Beam Angle: 22° (Narrow)



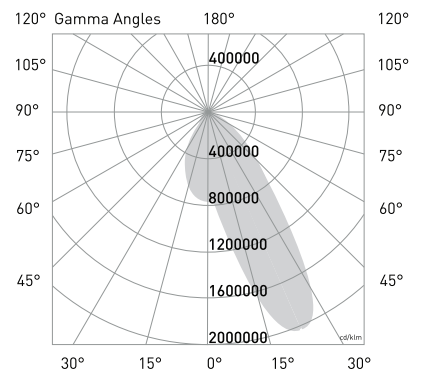
Beam Angle: 36° (Medium-Narrow)



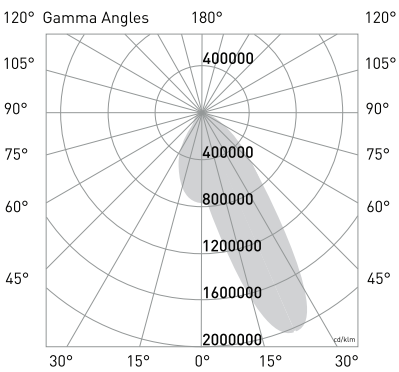
Beam Angle: 44° (Medium)



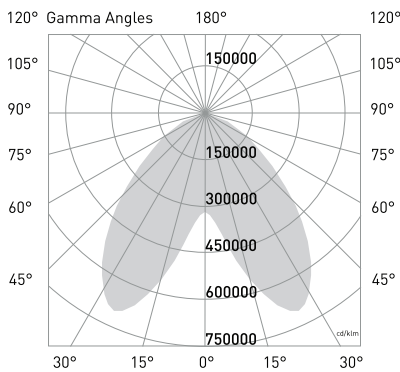
Beam Angle: 50 (Standard)



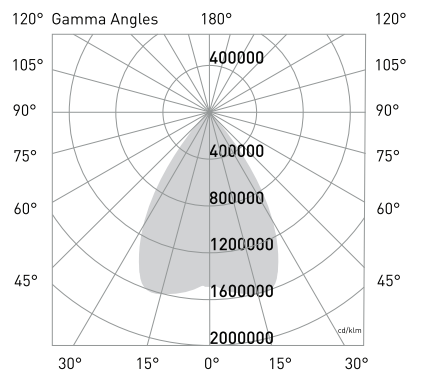
Beam Angle: 20.WWW (Wall wash wide)



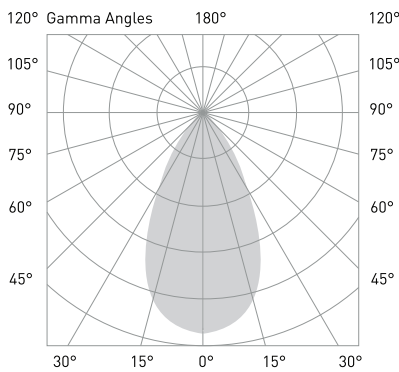
Beam Angle: 40.WWN (Wall wash narrow)



Beam Angle: 25.BW (Batwing)



Beam Angle: E35.70 (Elyptical)



Beam Angle: ULG.55 (Ultra low glare)

CCT Output

CCT: 2800K
Efficacy: 85lm/W
Delivered lumen output: 1105lm
CRI: 98
Standard deviation of colour Matching (SDCM): 2 MacAdam steps

CCT: 3000K
Efficacy: 87lm/W
Delivered lumen output: 1125lm
CRI: 98
Standard deviation of colour Matching (SDCM): 2 MacAdam steps

CCT: 4000K
Efficacy: 95lm/W
Delivered lumen output: 1235lm
CRI: 98
Standard deviation of colour Matching (SDCM): 2 MacAdam steps

CCT: 6000K
Efficacy: 78lm/W
Delivered lumen output: 1250lm
CRI: 98
Standard deviation of colour Matching (SDCM): 2 MacAdam steps

CCT: 1800K-3100K
Efficacy: 70lm/W
Delivered lumen output: 1125lm
CRI: 98
Standard deviation of colour Matching (SDCM): 2 MacAdam steps

CCT: 2800K-6000K
Efficacy: 70lm/W
Delivered lumen output: 1125lm
CRI: 98
Standard deviation of colour Matching (SDCM): 2 MacAdam steps

Electrical

Input Voltage: 220-265V	Power Usage: 13W	Current: 325mA	Driver Power Factor: >0.9	Dimming: Yes	DC Cable Length: 0.3m	AC Cable Length: 0.6m
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Note: Dayshift (2.8K,6K) will only work with DALI DT8 or ZIGBEE driver

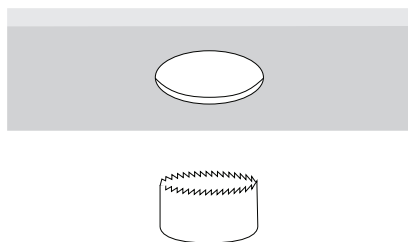
Physical

IP Rating: IP44	IK Rating: IK05
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Operational

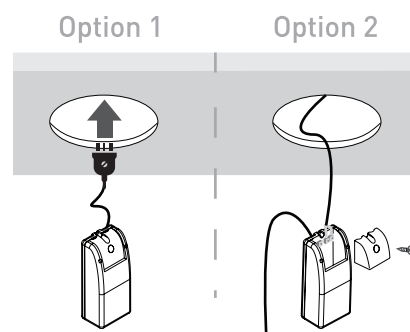
Ambient temp.: -28°C to 60°C	IC Rating: IC-4	UGR: <16 (50° Lens, X=4H, Y=8H)	Lifetime: >100,000 hrs	Warranty: 7 Years
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Installation



Step 1

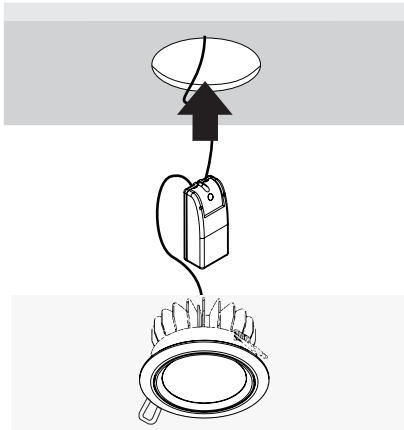
Using a hole saw (95mm) cut out the cavity for the D900 Classic.



Step 2

Option 1: Plug the GPO into a power socket located in the roof.

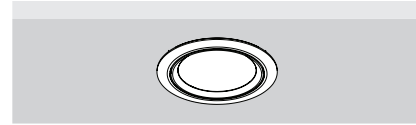
Option 2: Remove the driver cap and hard-wire an existing power cable into the terminal points on the PCB.



Step 3

Secure the driver in the roof cavity.

The driver must not be placed under insulation.



Step 4

Fold the clips back and secure the D900 Classic luminaire into the roof.