D700.PLUS TRIMLESS Curve LED Downlight
Datasheet

TRU-COLOUR®

Product Codes

Unit:
D700.PLUS

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)
55 (Standard)
20.WWW (Wall wash wide)
WWN (Wall Wash Narrow)
25.BW (Batwing)
E35.70 (Elyptical)
ULG.55 (Ultra low glare)

Inner Colour:
B (BLACK)
W (WHITE)
RALXXXX (Custom Colour)

Control:
PH (Phase Dimming)
DA (DALI)
ZG (ZIGBEE 3.0)
CS (CASAMBI)
010 (0-10V)

Light Depth:
- (Standard: 21mm)
D (Deep: 52mm)

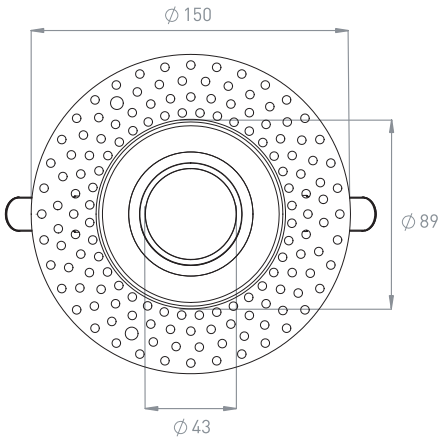
Style:
TRIMLS (TRIMLESS)

Style Colour:
B (BLACK)
W (WHITE)
RALXXXX (Custom Colour)

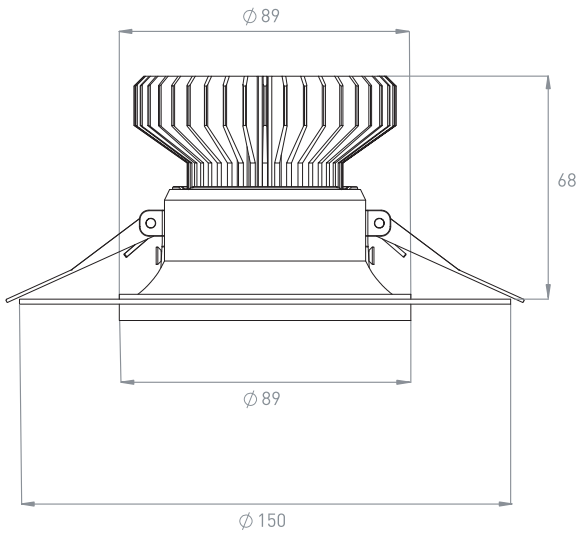
Generation:
4.0

Dimensions (mm)

Front view



Side view



Hole Cutout

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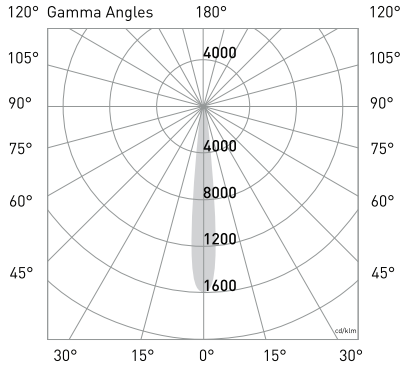
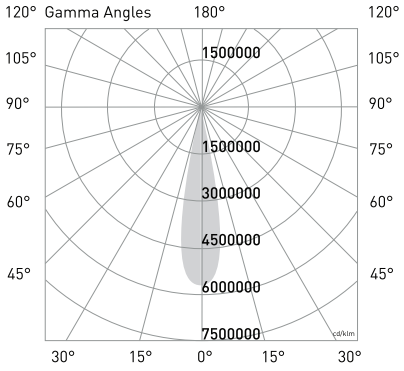
Photometrics

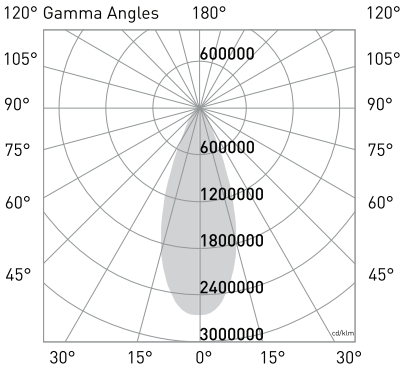
Photometric Diagrams



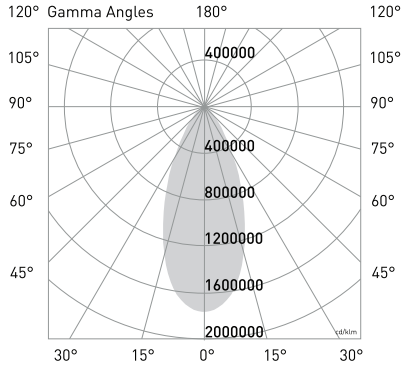
Beam Angle: 11° (Very Narrow)



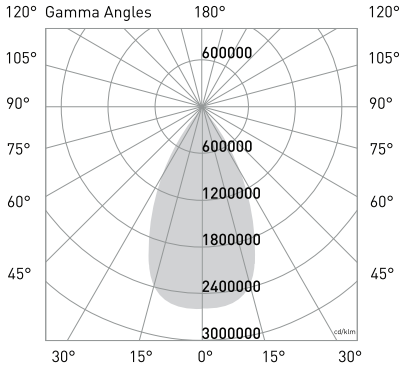
Beam Angle: 22° (Narrow)



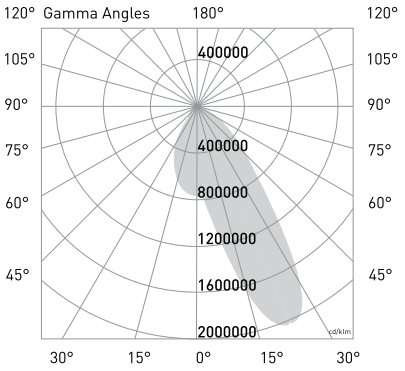
Beam Angle: 36° (Medium-Narrow)



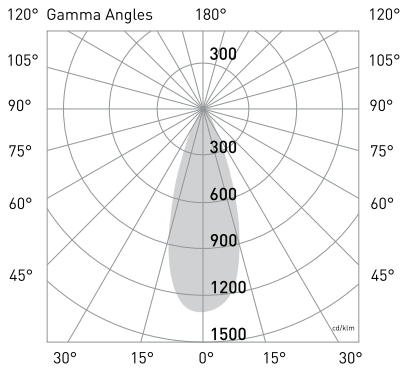
Beam Angle: 44° (Medium)



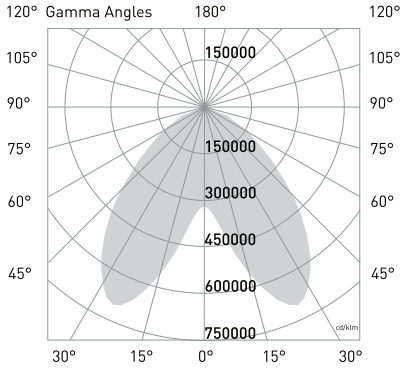
Beam Angle: 55° (Standard)



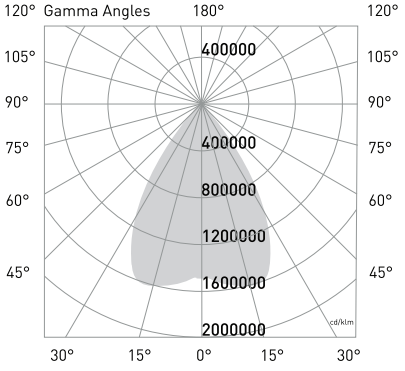
Beam Angle: 20.WWW (Wall wash wide)



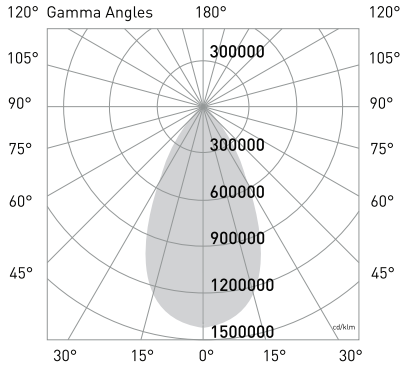
Beam Angle: WWN (Wall Wash Narrow)



Beam Angle: 25.BW (Batwing)



Beam Angle: E35.70 (Elyptical)



Beam Angle: ULG.55 (Ultra low glare)

CCT Output

CCT: 2800K
Efficacy: 53lm/W
Delivered lumen output: 590lm
CRI: 98
Standard deviation of colour Matching (SDCM): 2 MacAdam steps

CCT: 3000K
Efficacy: 68lm/W
Delivered lumen output: 760lm
CRI: 98
Standard deviation of colour Matching (SDCM): 2 MacAdam steps

CCT: 4000K
Efficacy: 76lm/W
Delivered lumen output: 850lm
CRI: 98
Standard deviation of colour Matching (SDCM): 2 MacAdam steps

CCT: 6000K
Efficacy: 68lm/W
Delivered lumen output: 765lm
CRI: 98
Standard deviation of colour Matching (SDCM): 2 MacAdam steps

CCT: 1800K-3100K
Efficacy: 63lm/W
Delivered lumen output: 705lm
CRI: 98
Standard deviation of colour Matching (SDCM): 2 MacAdam steps

CCT: 2800K-6000K
Efficacy: 68lm/W
Delivered lumen output: 760lm
CRI: 98
Standard deviation of colour Matching (SDCM): 2 MacAdam steps

Electrical

Input Voltage:	Power Usage:	Current:	Driver Power Factor:	Dimming:	DC Cable Length:	AC Cable Length:
220-265V	11.2W	245mA	>0.9	Yes	0.3m	0.6m

Note: Dayshift (2.8K.6K) will only work with DALI DT8 or ZIGBEE driver

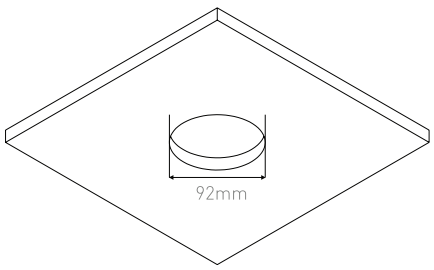
Physical

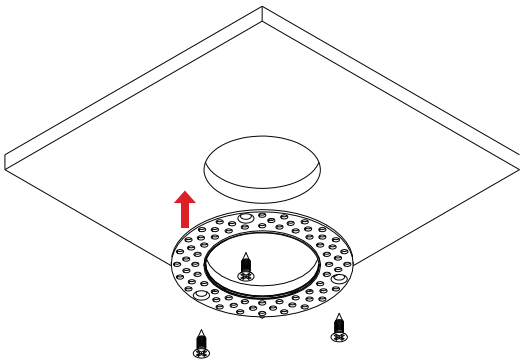
Gimbal Angle (°):	IP Rating:	IK Rating:
19°/ 360°	IP44	IK04

Operational

Ambient temp.:	IC Rating:	UGR:	Lifetime L70, B10:	Lifetime L70, B50:	Warranty:	STC Rating:
-28°C to 60°C	IC-4	<10 (55° Lens, X=4H, Y=8H)	70,000hrs (@TA85)	100,000hrs (@TA25)	10 Years	42

Installation





Step 1

Using a 92mm hole saw, cut a hole in the ceiling at the desired location.

Step 2

Install the mounting plate into the hole and fix with the screws.

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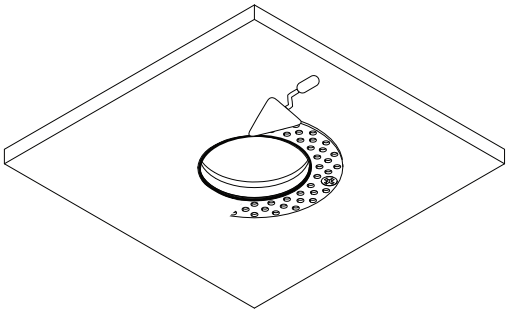
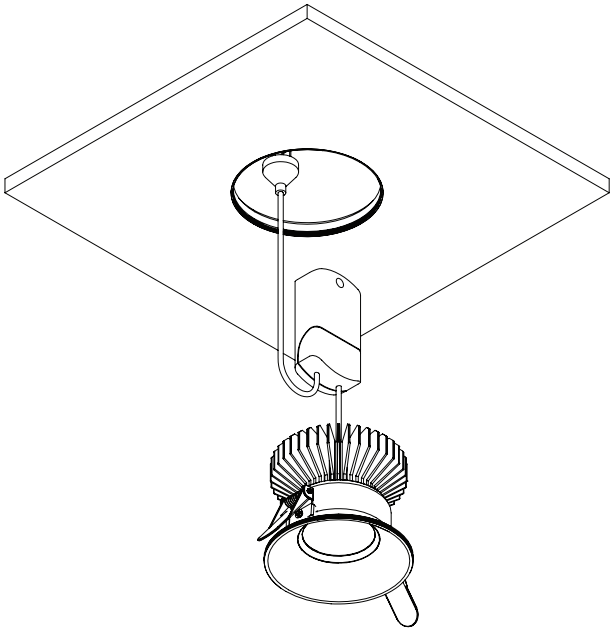


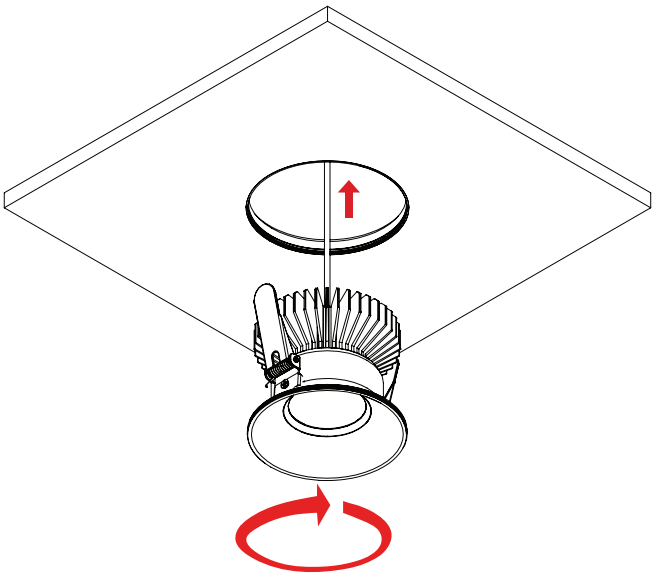
Step 3

Apply plaster over the anti-crack mesh and then paint to match the ceiling color.



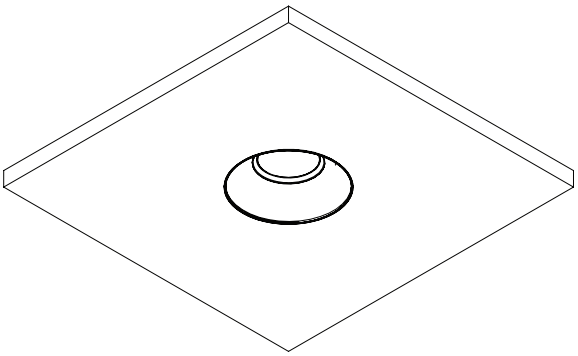
Step 4

Plug the driver into the general power outlet (GPO) in the ceiling.



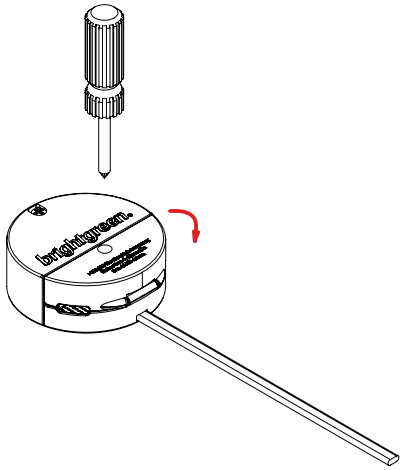
Step 5

Insert and rotate the downlight engine into the plaster fitting until it is flush with the ceiling.



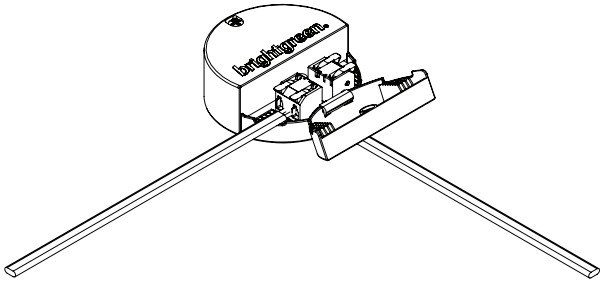
Step 6

Once the light is installed, orient the luminaire using its gimbal to focus the light as required.
Installation complete.



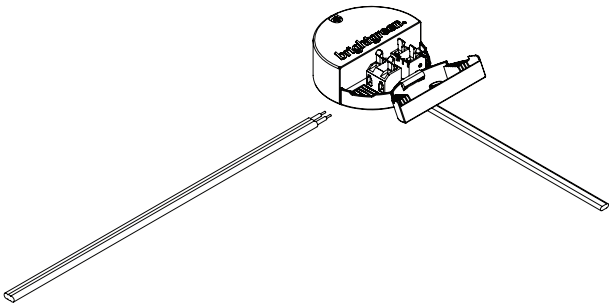
Step 1

Using a phillips head screwdriver unscrew the screw and rotate the driver cap open.



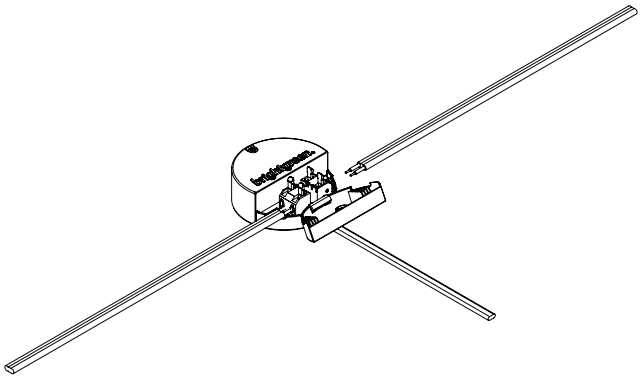
Step 2

Lift up the 2 latches on the terminal block and remove the AU flex and plug.



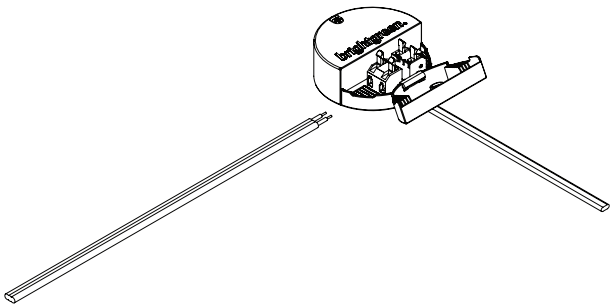
Step 3

Insert the Active and neutral TPS cable into the terminal block and click the latches closed.



Step 4

When continuing the circuit past this product, insert the active and neutral cable in the second terminal block. Ensure the same polarity as the previous cable.



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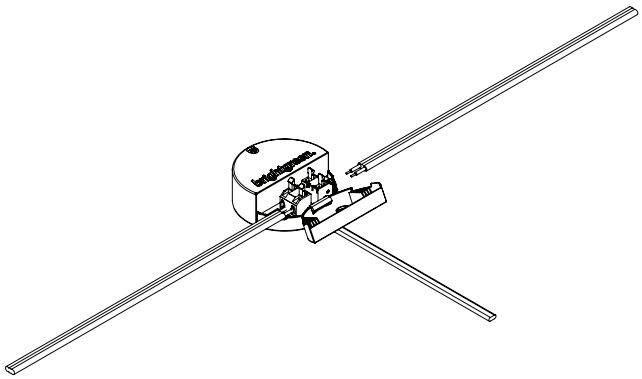

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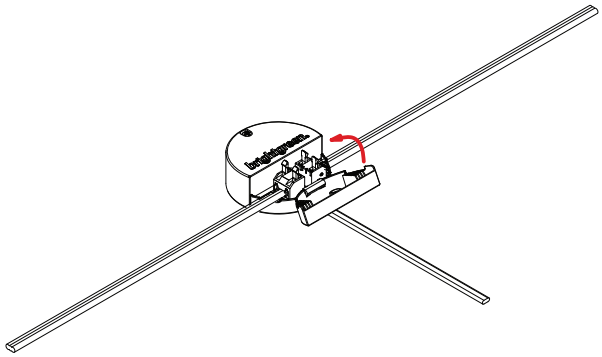
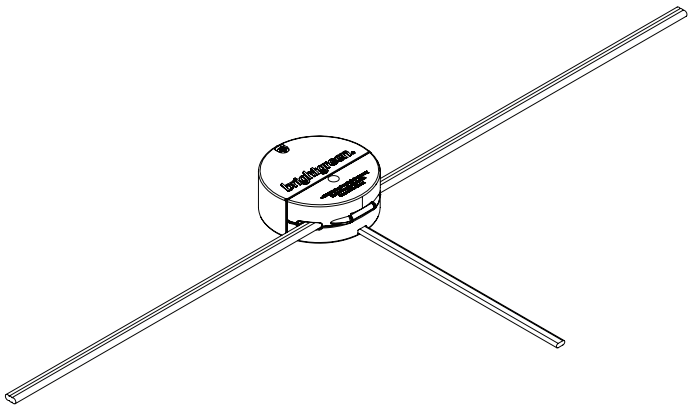


Step 5

Flip the lid closed and tighten the screw to ensure the cables are clamped and retained.



Step 6

Installation complete.