W100.IP Cube LED Wall Light
Datasheet



TRU-COLOUR®

Product codes

Unit:
W100.IP

Series:
CB

Colour temp.:
2.7K (2700K) (Special Order)
3K (3000K)

Beam angle (°):
ASD (Asymmetrical Down)

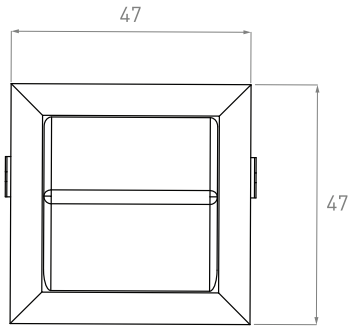
Colour:
W (White)
B (Black)

Input voltage:
24V

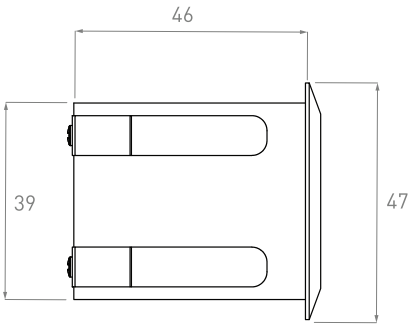
Version:
1.2

Dimensions (mm)

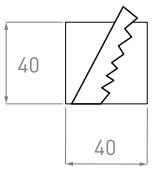
Front view



Side view

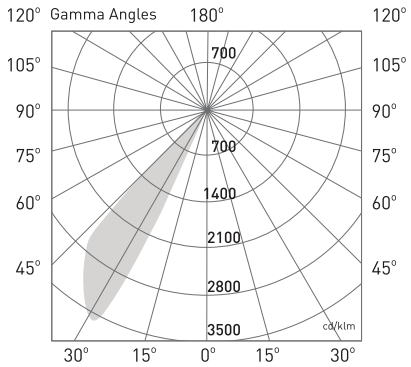


Hole Cutout



Photometrics

Photometric Diagram



CCT Output

CCT: 2700K
Efficacy: 34lm/W
Lumen output: 120lm
CRI: 98
Standard deviationn of colour Matching (SDCM): 2 MacAdam steps

CCT: 3000K
Efficacy: 34lm/W
Lumen output: 120lm
CRI: 98
Standard deviationn of colour Matching (SDCM): 2 MacAdam steps

brightgreen®

Electrical

Input voltage:
DC 24V

Power usage:
3.5W

Driver power factor:
>0.9

IP rating:
IP65

Dimmable:
Yes

Driver:
PHASE (PHASE)
DALI (DALI)
ZIGBEE (ZIGBEE 3.0)
010V (0-10V)
ND (Non-Dimmable)

Operational

Ambient Temp.:
-20°C to 50°C

Lifetime L70, B10:
70,000 hrs

SDCM:
2MacAdam Steps

IC Rating:
IC-4

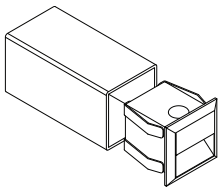
Physical

Warranty:
7 years

Mounting type:
Recessed

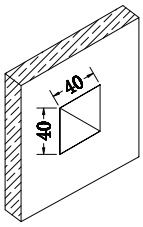
Installation

Method 1: Installation on False Layers (Wood, Plywood, Plasterboard, Metal, Rock, etc)



Step 1

Separate mounting sleeve from the luminaire. The mounting sleeve is not requried for this installtion.

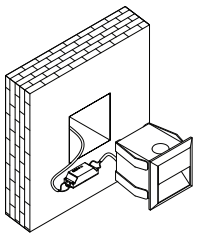


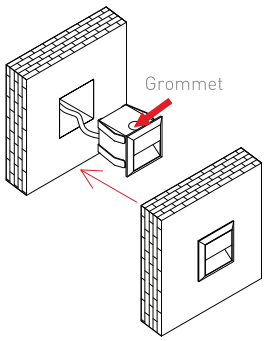
Step 2

Cut a 40mm x 40mm hole on the false layer at the desired location.

Installation

Method 1: Installation on False Layers (Wood, Plywood, Plasterboard, Metal, Rock, etc)





Step 3

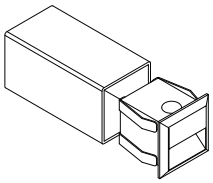
Plug the driver into a mounted general power (GPO) in the wall.

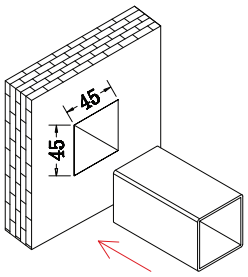
Step 4

Insert the luminaire into the mounting sleeve, orient the luminaire as required.

Note: If the light is oriented upwards, remove the rubber grommet found at the top to prevent accumulation of water.

Method 2: Installation on Brick Walls





Step 1

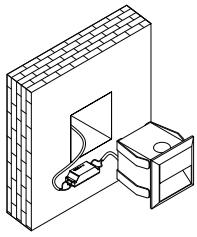
Separate mounting sleeve from the luminaire.

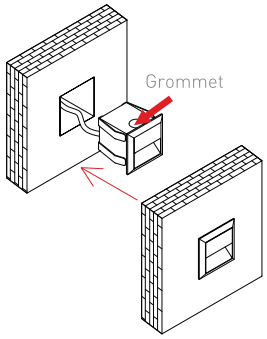
Step 2

Cut a 45mm x 45mm hole in the wall at the desired location then embed the mounting sleeve. Paint the wall afterwards.

Installation

Method 2: Installation on Brick Walls





Step 3

Plug the driver into a mounted general power (GPO) in the wall.

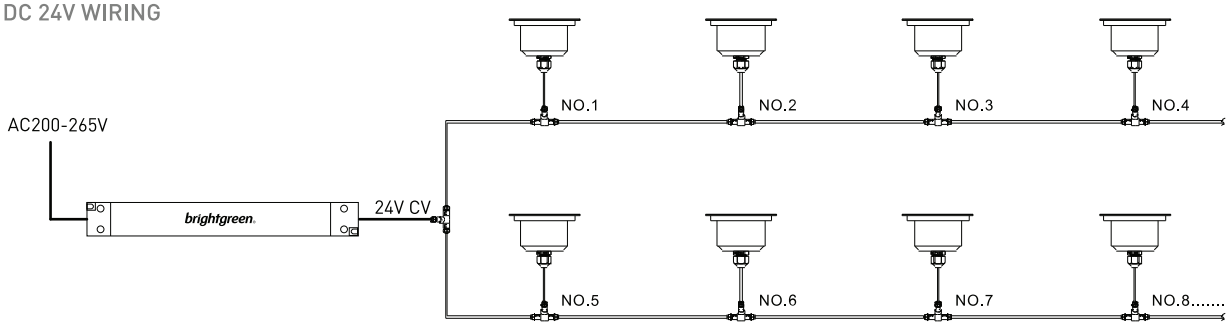
Step 4

Insert the luminaire into the mounting sleeve, orient the luminaire as required.

Note: If the light is oriented upwards, remove the rubber grommet found at the top to prevent accumulation of water.

Wiring Diagram

DC 24V WIRING



Lamps overall power depends on the main power supply(can not exceed 80% of main power supply)