

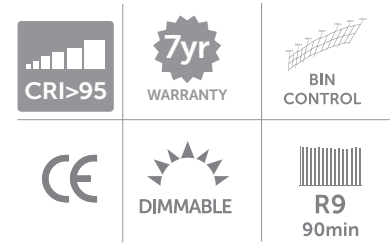
PRO
Range



Bright Green Grid

A modular tile system for backlighting areas that require high brightness at restricted depth.

Bright Green Grid is suitable for depths >40mm, V0 fire rated, adjustable on site and available in multiple specifications.



Specification

	Grid 30	Grid 30	Grid 30	Grid 30
Product code	PBGG-30CW-300312	PBGG-30CW-60312	PBGG-30CW-30052	PBGG-30CW-6052
Operating voltage	24V			
Principal materials	FR4 PCB			
Lumen maintenance	> 50,000 hours			
Colour temperature	2200K, 2700K, 3000K, 4000K, 6500K, Dynamic			
CRI	>95			
R9	>90			
Bin specification	1/4 bin			
LED chip manufacturer	Yuji			
Warranty	7 years			
Dimmable	Yes			
Operating temperature	-30°C to 50°C			
Storage temperature	0°C to 30°C			
LED Pitch	30mm standard			
Fire rating performance	Flame class V-0			
Dimensions (mm)	312 x 300	312 x 60	52 x 300	52 x 60
Thickness	PCB: 1.2mm, 5.5mm including connectors			
Power	6.50W	1.30W	1.30W	0.32W
Lumens per panel	1085	215	179	36
Photo biological classification	IEC 62471 exempt			
Certification	LM80, IEC 62031			

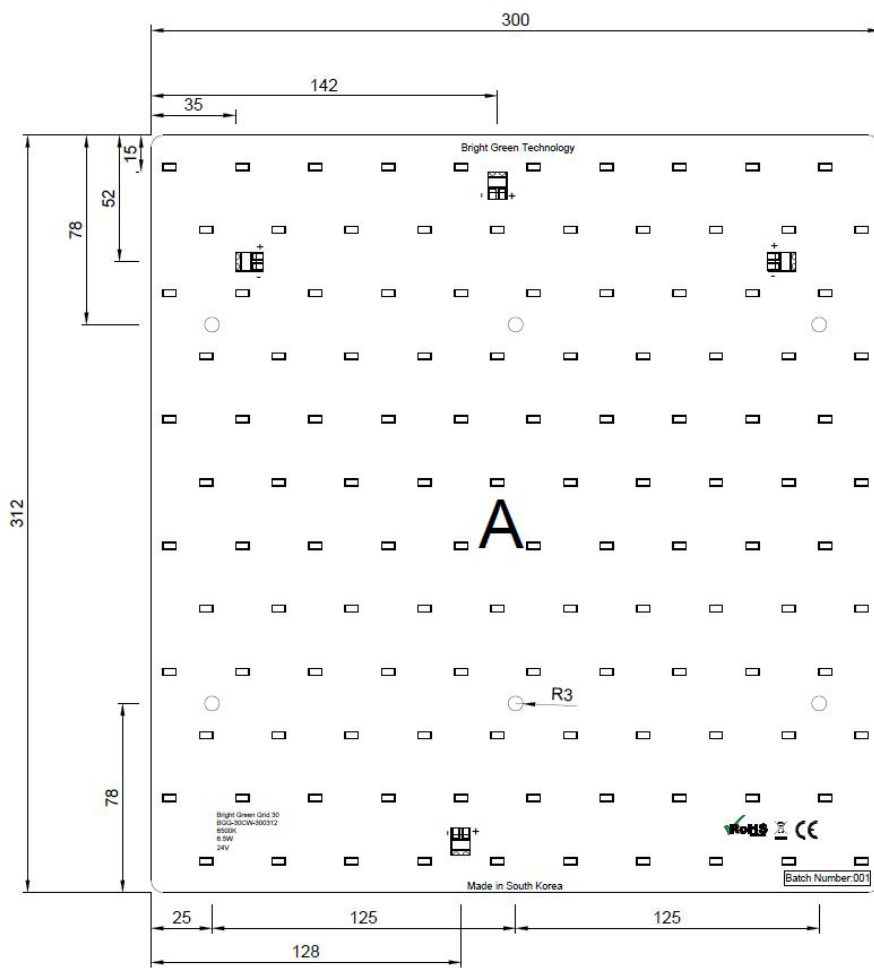
Tel +44 (0) 1932 355221 info@brightgreentechnology.com Find out more at brightgreentechnology.com



Dimensions

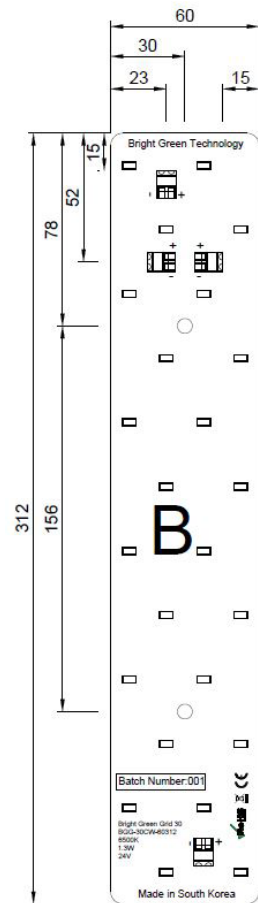
Grid 30 - Panel A

Weight per panel: 270g



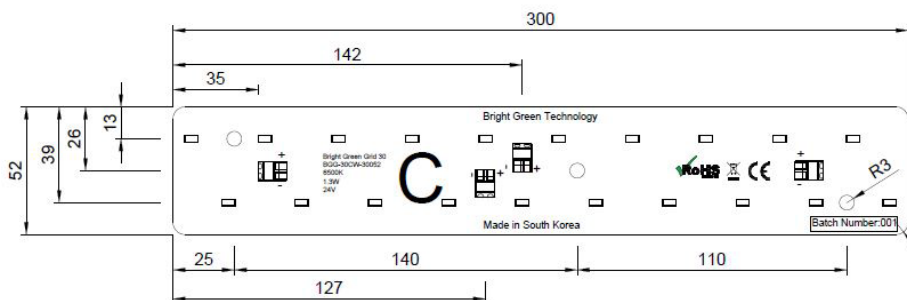
Grid 30 - Panel B

Weight per panel: 54g



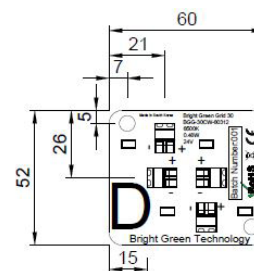
Grid 30 - Panel C

Weight per panel: 46g



Grid 30 - Panel D

Weight per panel: 10g



Storage and Operation

Operating temperature range: -30° to 50°C

Store internally in a cool/dry location.

Storage temperature range: 0° to 30°C

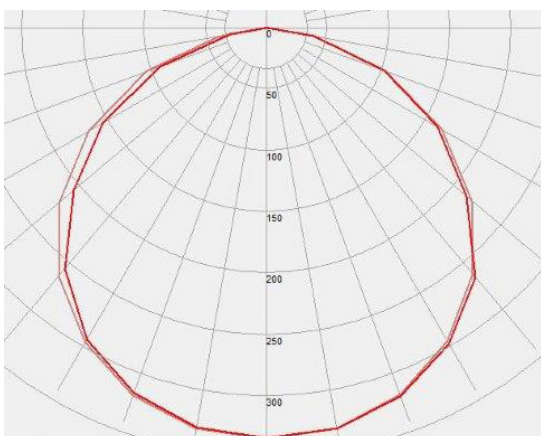
Maximum storage time: 90 days before switch-on, refer to manufacturer for storage time >90 days

Protect from corrosive environments during storage

Insulation designed for 24V operation

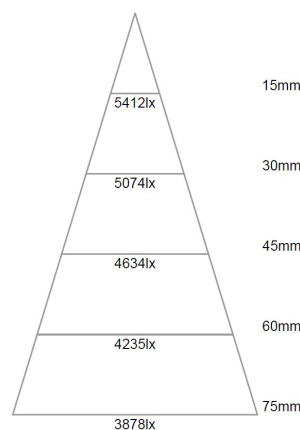
Photometric Data

Panel A data - light distribution



Photometric Data

Panel A data - lux



Connection

Installation should be carried out by suitably qualified personnel. Please see the Bright Green Grid install guide for electrical connection and handling guidelines.