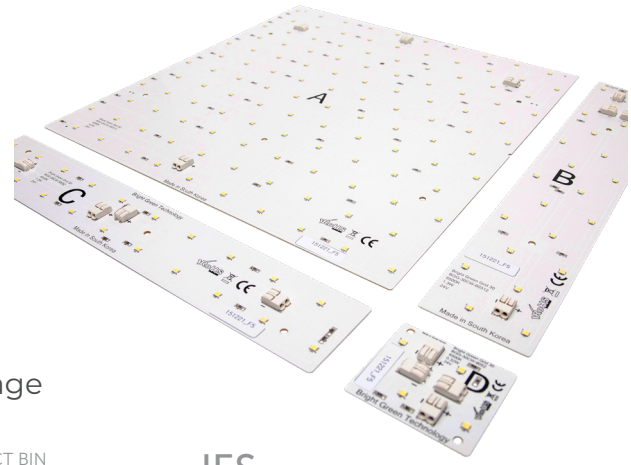
DATASHEET

bright green™ GRID 30



Bright Green Grid 30 is specifically designed to illuminate very slim posterboxes and signage

24V | 5yr WARRANTY | DIMMABLE | 6 SIZES | Flame Retardant | STRICT BIN CONTROL for consistent colour temerature | CE | IES FILE AVAILABLE

Specification

	GRID 30 PANEL A	GRID 30 PANEL B	GRID 30 PANEL C	GRID 30 PANEL D	GRID 30 PANEL E	GRID 30 PANEL F
Product Code	BGG-30**-300312A	BGG-30**-60312B	BGG-30**-30052C	BGG-30**-6052D	BGG-30**-36423-E	BGG-30**-36020F
Operating Voltage	24V					
Principal Materials	FR4 PCB A/B					
Lumen Maintenance	>50.000 hours					
Colour**	65=Cool White 6500K/40=Neutral White 4000K/27=Warm White 2700K					
Dimmable	Yes					
LED Pitch	30mm					
Fire Rating Performance	Flame Class V-0					
Dimensions	300mm x 312mm	60mm x 312mm	300mm x 52mm	60mm x 52mm	364mm x 23mm	260mm x 20mm
Thickness	PCB: 1.2mm maximum including connectors: 5.7mm					
Weight (Kg) 1/2 channel	0.248/0.256	0.048/0.058	0.045/0.050	0.011/0.014	0.012/0.015	0.022/0.025
Power	4.86W	1.0W	1.3W	0.32W	0.34W	0.34W
Lumens per Panel (2700/6500K)	798-855	160-175	133-144	26-29	155-167	155-167
Number of LEDs	120	24	20	4	14	12
Photo Biological Classification	IEC 62471 Exempt					
Classification	LED modules for general lighting IEC 62031 approved					

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

© 2024 Bright Green Technology Limited V24.01

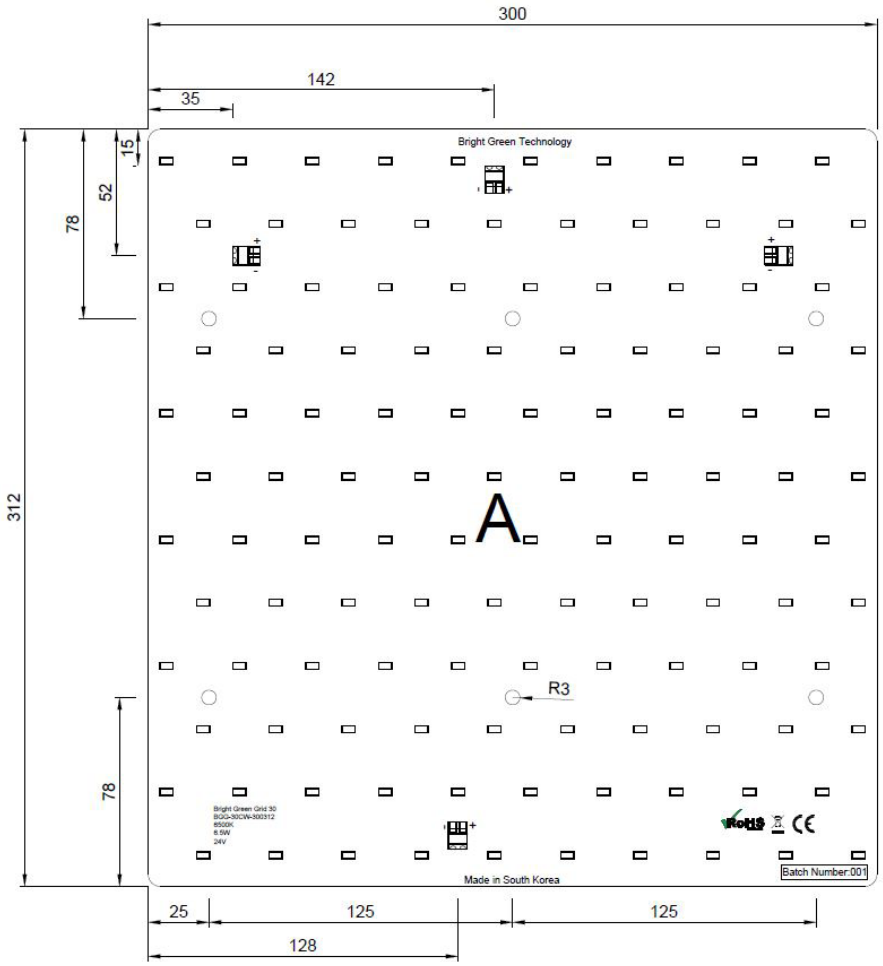
bright green technology™

DATASHEET

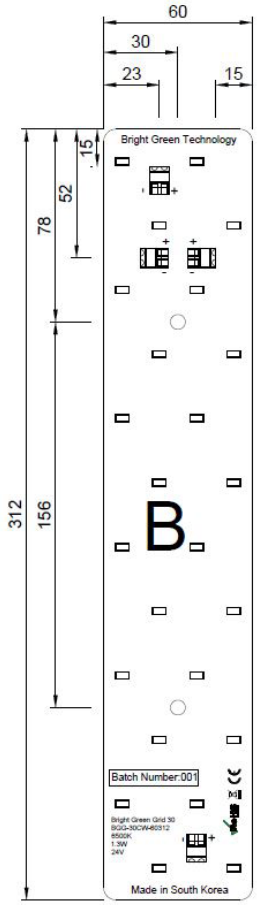
bright green
GRID

Dimensions

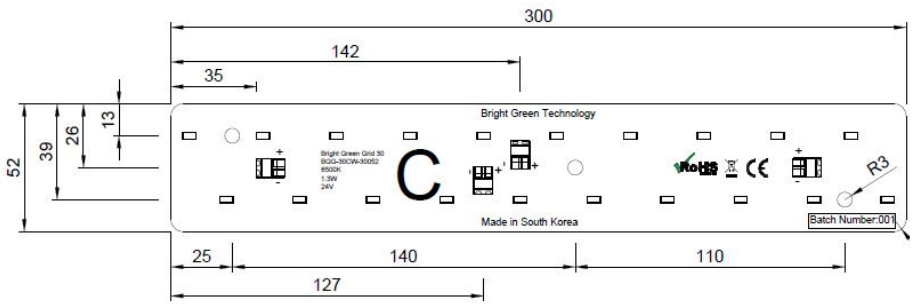
Grid 30 - Panel A



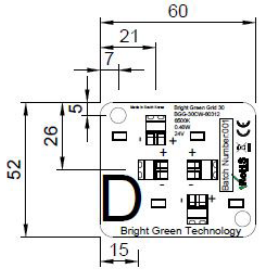
Grid 30 - Panel B



Grid 30 - Panel C



Grid 30 - Panel D



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

© 2024 Bright Green Technology Limited V24.01

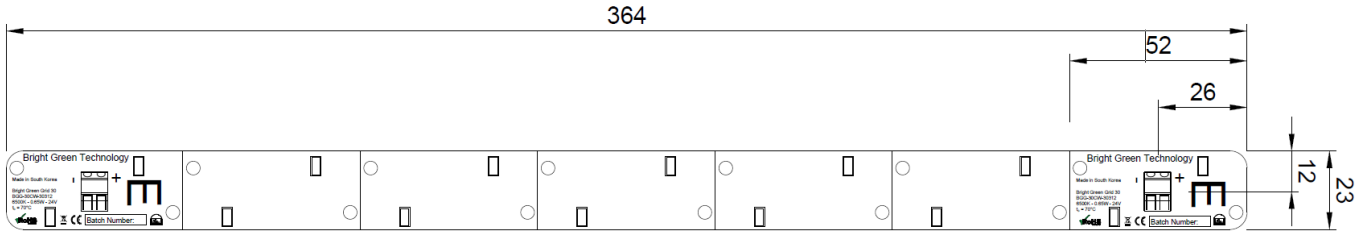
bright green technology

DATASHEET

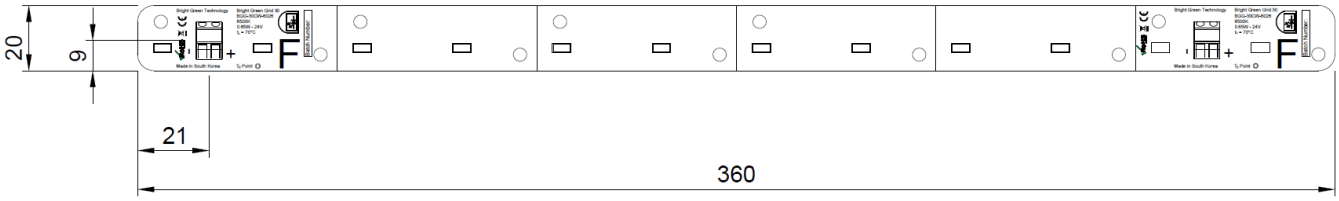
bright green GRID

Dimensions

Grid 30 - Panel E



Grid 30 - Panel F



Tel +44 (0) 1932 355221 info@brightgreentechnology.com
Find out more at www.brightgreentechnology.com
© 2024 Bright Green Technology Limited V24.01

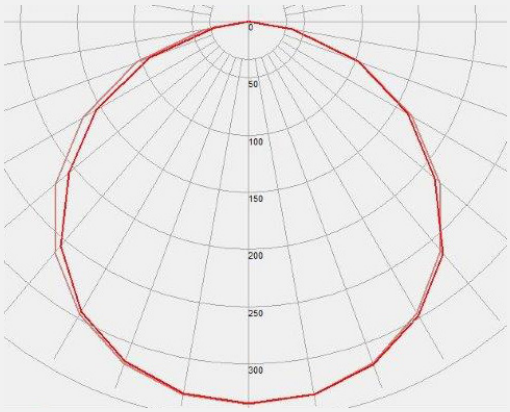
bright green technology

DATASHEET

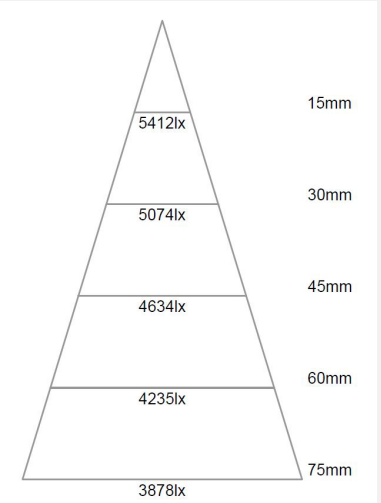
bright green
GRID

Photometric Data

Light distribution



Lux test



Operation Notes

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.

Connection

Installation should be carried out by suitably qualified personnel.

Please see the Bright Green Grid 30 Install Guide for more information.

Tel +44 (0) 1932 355221 info@brightgreentechnology.com

Find out more at www.brightgreentechnology.com

© 2024 Bright Green Technology Limited V24.01

bright green technology