Bright Green Wide Install Guide

Components required

20 AWG wire   M3 screws   Bright Green Wide modules   Power supply   Wire connectors
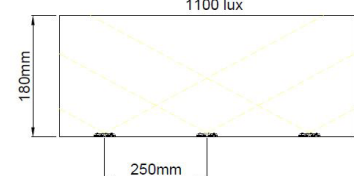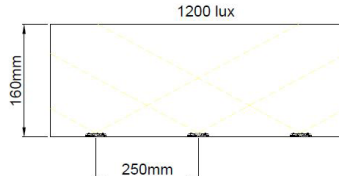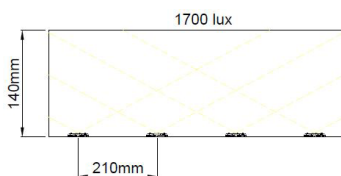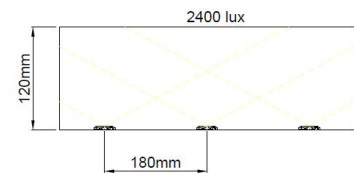
Layout

Determine the layout of your Bright Green Wide modules based on your overall sign dimensions and using the guidelines below. When you have decided on your layout, cut the modules where necessary. Use the fixing tape on the rear of the module to secure each module. Ensure the fixing surface is clan and dry before securing the modules. We would also recommend using a screw or rivet to secure modules periodically along the chain.

Recommended pitch per depth - Wide Angle (WM)

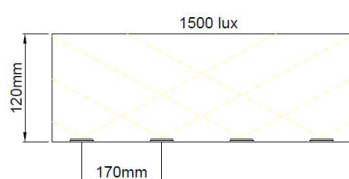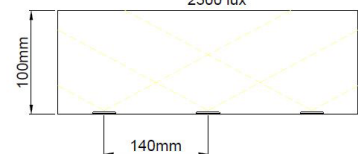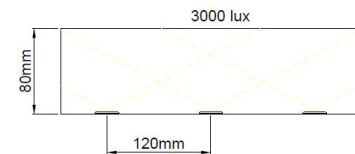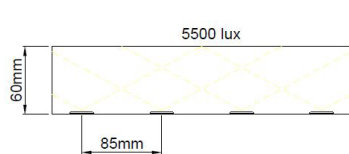|		
4500 lux — 80mm — 130mm	3000 lux — 100mm — 150mm	2400 lux — 120mm — 180mm
1700 lux — 140mm — 210mm	1200 lux — 160mm — 250mm	1100 lux — 180mm — 250mm
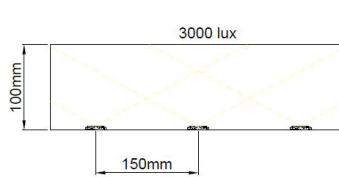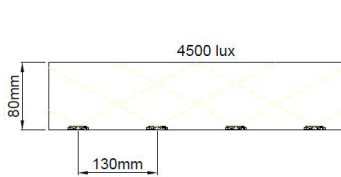
Recommended pitch per depth - Wide Angle Mini (WMM)
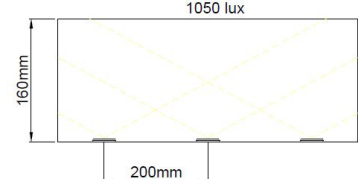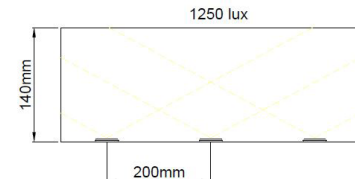
5500 lux — 60mm — 85mm	3000 lux — 80mm — 120mm	2300 lux — 100mm — 140mm
1500 lux — 120mm — 170mm	1250 lux — 140mm — 200mm	1050 lux — 160mm — 200mm

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Bright Green Wide Install Guide

Electrical connection

Wide

The wide angle (WM) is sold in strings of 21 for the 3 LED sets and strings of 10 for the 1 LED sets .
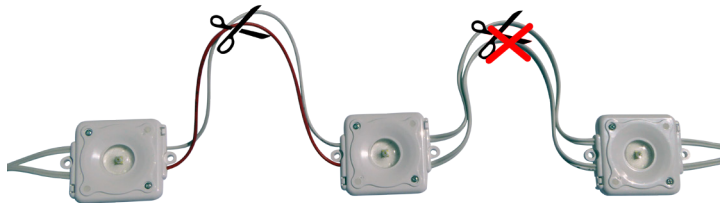
The maximum run in series for the 3 LED set is 21 modules. Use another run in parallel to connect more.

The maximum run in series for the 1 LED set is 21 modules. Use another run in parallel to connect more.

The 1 LED set can be cut between any module in the string.
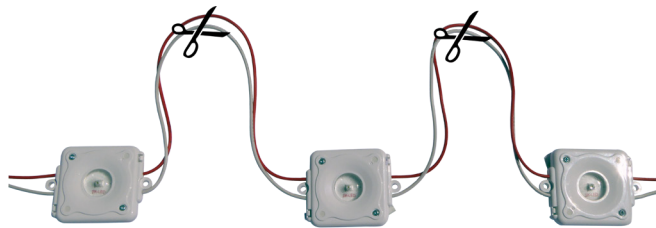
The 3 LED set must only be cut on the red and white wire every third module in the string.
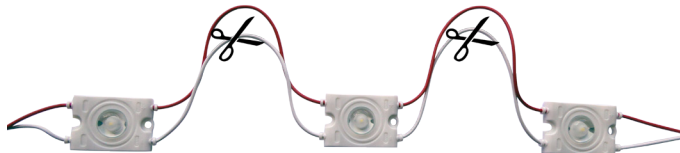
Mini Wide

The wide angle mini (WMM) is sold in strings of 30.

The maximum run in series for the Mini Wide is 30 modules. Use another run in parallel to connect more.

The Mini Wide can be cut between any module in the string.

Cap all unused wires.

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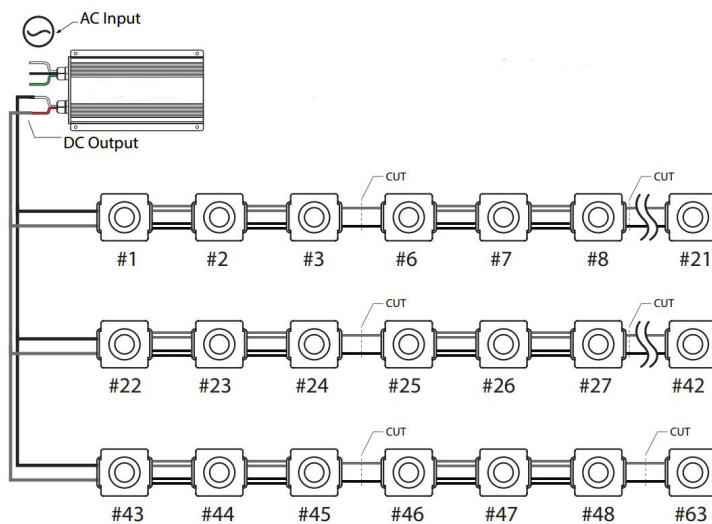
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Power supply table

Example power supply configurations

Product code	Voltage	Max. Watts	Max number of Wide Angle Modules	Max. number of Mini Wide Angle Modules
PCV-1260	12V	60W	21	42
PCV-12100	12V	100W	35	71
MWH-V24C-AP	12V	240W	68	137

Electrical layout example

Wiring guide - Wide Angle (WM)

Wiring guide - Wide Angle Mini (WMM)

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