

Bright Green Matrix



ECA Compliant

Bright Green Matrix™ is a modular IP67 LED system for general backlighting. Installation is simple, using a dedicated install kit or standard brackets. By varying the layout, the brightness, power requirement and capital cost can be controlled.

24V



STRICT BIN CONTROL for consistent colour temperature



Product Range

25mm LED pitch

Product code	Colour	Colour K	Lumens/module*	Voltage	Power/module*	Number of LEDs	CRI	Weight
MS-S25CW-310	Cool white	6500K	348	24V	3.6W	12	>85	0.07kg
MS-S25CW-460	Cool white	6500K	522	24V	5.4W	15	>85	0.09kg
MS-S25CW-610	Cool white	6500K	696	24V	7.2W	18	>85	0.10kg
MS-S25CW-910	Cool white	6500K	1044	24V	10.7W	24	>85	0.14kg
MS-S25CW-1210	Cool white	6500K	1392	24V	14.4W	48	>85	0.28kg
MS-S25CW-1510	Cool white	6500K	1740	24V	18W	60	>85	0.35kg
MS-S25CW-1810	Cool white	6500K	2088	24V	21.4W	72	>85	0.42kg

50mm LED pitch

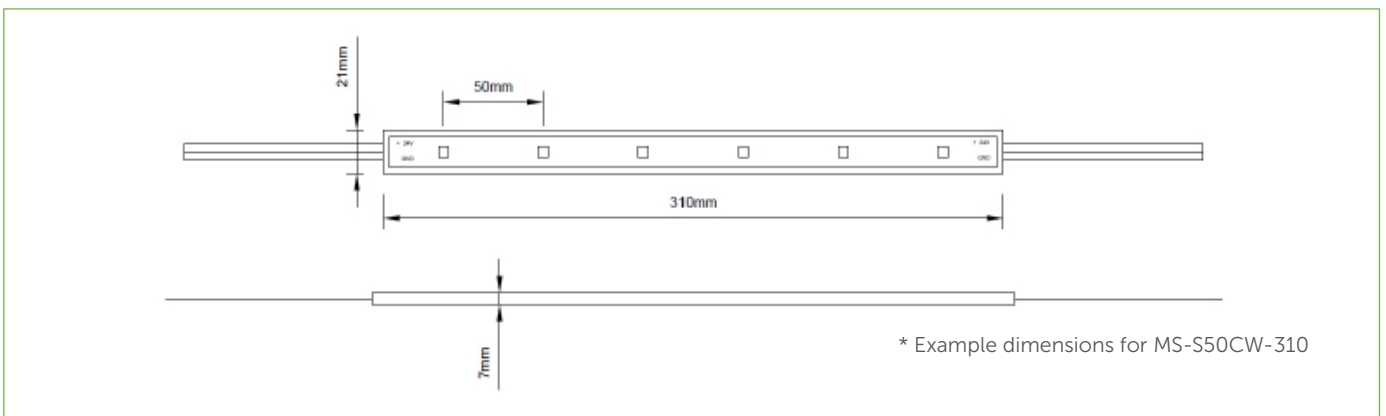
Product code	Colour	Colour K	Lumens/module*	Voltage	Power/module*	Number of LEDs	CRI	Weight
MS-S50CW-310	Cool white	6500K	174	24V	1.8W	6	>85	0.07kg
MS-S50CW-610	Cool white	6500K	348	24V	3.6W	12	>85	0.14kg
MS-S50CW-910	Cool white	6500K	522	24V	5.4W	18	>85	0.21kg
MS-S50CW-1210	Cool white	6500K	696	24V	7.2W	24	>85	0.28kg
MS-S50CW-1510	Cool white	6500K	870	24V	9.0W	30	>85	0.35kg
MS-S50CW-1810	Cool white	6500K	1044	24V	10.7W	36	>85	0.42kg

Other colour temperatures are available on request

Bright Green Matrix



Dimensions*



Electrical Connection

25mm pitch - connect to a 24V power supply.
If connected in series, total length of the group must not exceed 2 metres.

50mm pitch - connect to a 24V power supply.
If connected in series, total length of the group must not exceed 4 metres.

Operation Notes

Operating temperature range: -30° to 85°C.
Storage temperature range: -30° to 85°C.
Voltage range: 24V DC (50mm).
Reverse voltage: 24V DC (50mm).

Avoid mechanical stress during and after installation.
Avoid straining the cable or cable/module join.

Bright Green Matrix is not recommended for external marine environments.

Bright Green Matrix is ECA compliant for amenity, accent and display lighting.

Connection

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