



## Bright Green Matrix LED Backlighting System

## Bright Green Matrix - LED Backlighting System

**Optimised for outdoor and graphic display, Bright Green Matrix™ is a modular LED system for general backlighting - right up to billboard and beyond.**

**Choose Bright Green Matrix™ for money saving retrofits of existing displays or for super efficient new builds.**

By reducing energy use by up to 88%, eliminating maintenance and delivering premium quality illumination, Bright Green LED systems replace conventional lighting technology and help you save money, save energy and save carbon.

Building on more than 10 years industry experience, our systems are a breakthrough in affordability whilst retaining all the benefits of solid state lighting . A typical installation returns the capital investment within 2 to 3 years and reduces the lifetime cost by at least 50%. In fact, a Bright Green installation usually pays for itself through energy savings alone.

Bright Green Matrix is built to last. Using premium specification, high lumen LEDs and with an aluminium casing, it can be installed in the toughest environments.

As well as paying for itself through energy saving, a Bright Green LED system will reduce maintenance costs, improve display quality and help you reach your carbon reduction targets.



## Features

- Available in a family of 6 sizes
- Available in 50mm or 100mm LED pitch
- Rugged aluminium construction
- Optimum thermal efficiency and brightness
- IP67 for external use
- ECA compliant for amenity, accent & display lighting
- Mounting and hanging accessories available



## Product Range

50mm LED pitch						
Product code	Colour	Colour K	Lumens	Voltage	Power	Weight
MS-S50CW-310	Cool white	6950 - 8200	162	24	2.4W	0.07Kg
MS-S50CW-610	Cool white	6950 - 8200	324	24	4.8W	0.14Kg
MS-S50CW-910	Cool white	6950 - 8200	486	24	7.2W	0.21Kg
MS-S50CW-1210	Cool white	6950 - 8200	648	24	9.6W	0.28Kg
MS-S50CW-1510	Cool white	6950 - 8200	810	24	12.0W	0.35Kg
MS-S50CW-1810	Cool white	6950 - 8200	972	24	14.4W	0.42Kg

100mm LED pitch						
Product code	Colour	Colour K	Lumens	Voltage	Power	Weight
MS-S100CW-310	Cool white	6950 - 8200	81	12	1.2W	0.07Kg
MS-S100CW-610	Cool white	6950 - 8200	162	12	2.4W	0.14Kg
MS-S100CW-910	Cool white	6950 - 8200	243	12	3.6W	0.21Kg
MS-S100CW-1210	Cool white	6950 - 8200	324	12	4.8W	0.28Kg
MS-S100CW-1510	Cool white	6950 - 8200	405	12	6.0W	0.35Kg
MS-S100CW-1810	Cool white	6950 - 8200	486	12	7.2W	0.42Kg

Bright Green Matrix is also available in neutral white, warm white and RGB format

## Carbon Savings

Of course, the savings are not just financial, there are big reductions in carbon generation too. Installing Bright Green Matrix into a typical sign will make a significant carbon saving over the lifetime, helping to meet your corporate environmental objectives. Also, as governments around the world introduce financial measures to limit emissions, taking action now is very likely to reduce your costs further in the future.

## Warranty

Bright Green Matrix is warranted for 3 years. To qualify for the extended warranty, installation must be carried out accordance with the install guide and Bright Green power supplies must be used.

## Contact and Support

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