

Super Orbis LED

LED lighting products

Super Orbis LED is an all new, high lighting power but low energy, flexible chain LED system designed specifically for large scale flex-face sign boxes.

Designed for flex-face sign boxes

Traditionally, large scale flex-face sign boxes are internally lit using fluorescent tubes. The increasing pressure to find a more energy efficient, reliable and simple to install alternative has inspired us to develop **Super Orbis LED**.

Market leading brightness, 235 lumens

At its heart is a high quality Nichia white LED. This bright and efficient LED produces up to 235 lumens and an efficacy up to 117 lumens per W.

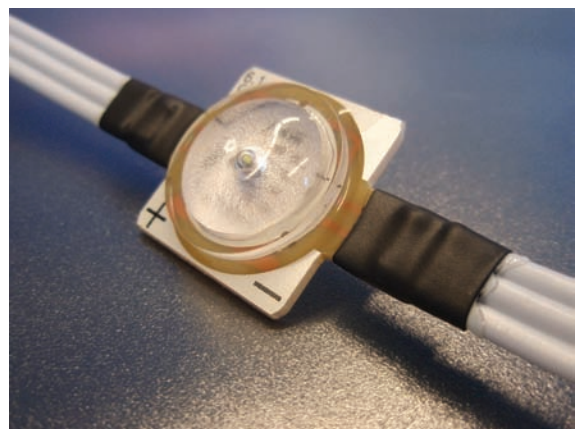
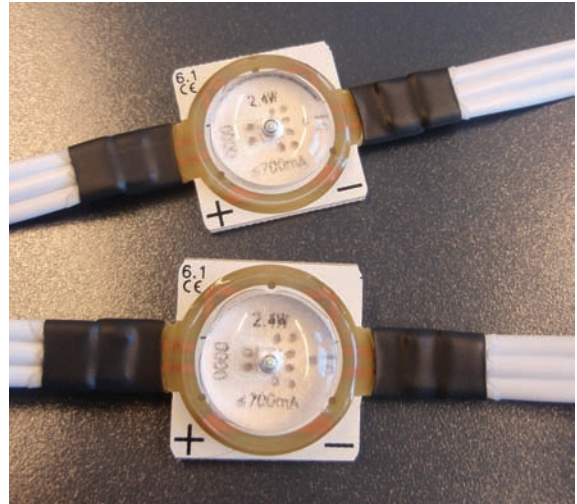
Encapsulated, water and dust resistant (IP65) modules are spaced at 60cm intervals along a flexible chain.

Exceptional performance achieved with special Batwing lens

Light is distributed forwards in a wide batwing or M shaped beam. This reduces the number of modules required to produce a uniformly lit appearance on the flex-face's skin.

Only 9 modules and 11watts / 1 sq Metre

Only nine **Super Orbis LED** modules in a single, easy to lay out, series chain are required to light 1 sq M of sign which will consume 11W of electricity. Only a single power supply is necessary to achieve a choice of two brightnesses in up to 10 sq metres of sign.

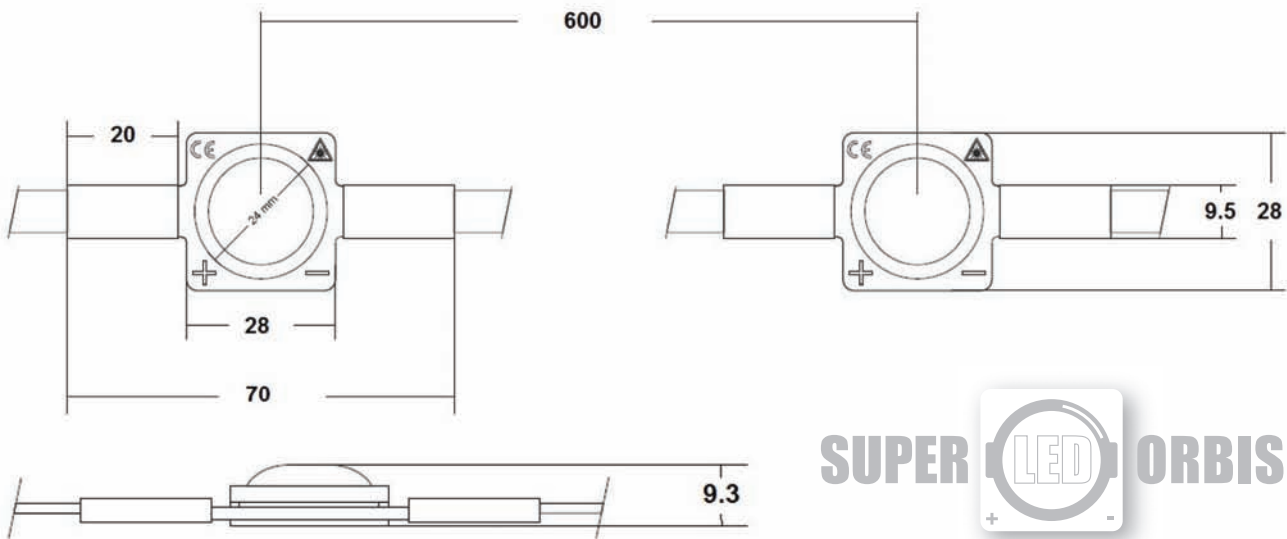


Interested in LEDs for built-up letters and other sign applications?

*See our F-LED series at:
www.superorbisled.co.uk*

Super Orbis LED - Dimensions & Specifications

- Choice of two brightness levels
- Use with 350mA or 700mA drivers
- Modules with self-adhesive backing
- 50,000 hrs life to 70% brightness
- Weather resistant IP65
- Use 3M 314 cable links



Part no.	Description & LED	Luminous Flux, Lm	Voltage Vf	W	CRI / Ra	Efficacy lm / W
Technical data at 350mA						
OL0900001	Super Orbis LED White with lens, 6300K	135	3.3	1.16	75	117
OL0900002	Super Orbis LED White with lens, 5100K	110	3.3	1.16	83	95
Technical data at 700mA						
OL0900001	Super Orbis LED White with lens, 6300K	235	3.6	2.52	75	93
OL0900002	Super Orbis LED White with lens, 5100K	192	3.6	2.52	83	76

Super Orbis LED complies with the requirements of the Government's Enhanced Capital Allowances (ECA) scheme which provides businesses with 100% first year tax relief on their qualifying capital expenditure. This means that businesses can write off the whole cost of the equipment against taxable profits in the year of purchase.



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