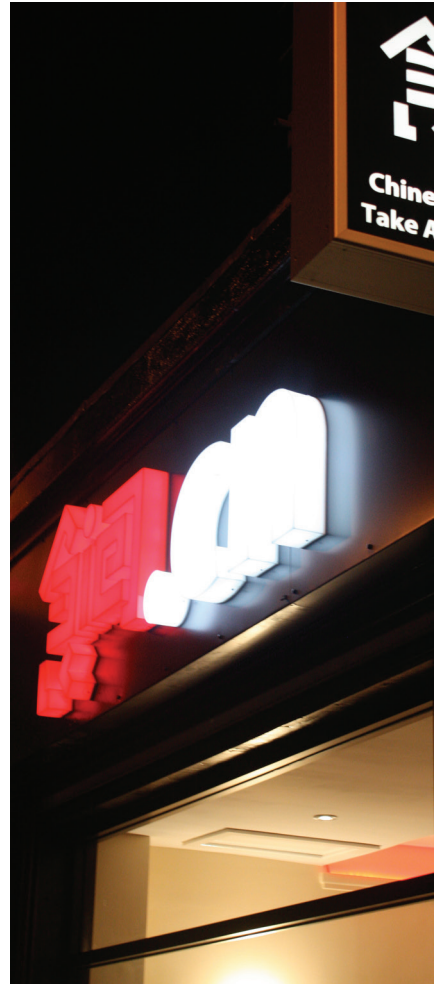


# SEDNA®

l i g h t i n g



## omniMOD - LED Signage Modules

A modern energy efficient and almost maintenance free solution making this product line a favourite of the signage industry, with flexibility to cover a **range of advertising applications, such as illuminated stand offs, built up characters and back-light light box**. 12V DC, LED modules are supplied in strings of 20/30 units with 100mm 0.5mm<sup>2</sup> multi-core cable ensure sufficient distance for complex shapes/bends whilst **maintaining uniform lumen output**. Series can easily be modified by removing/adding further units. Pre-drilled mounting holes & industrial-grade adhesive backing for ease of installation, with **IP66 rating make units ideal for both interior/exterior applications**, whilst 20,000 hours rated like make almost maintenance free. ABS encapsulation ensures anti-static, flame-retardant and weather-proof, with individual PMMA lens for a super-wide 160° beam angle for a uniform lumen output: medium output operate in spaces as shallow as 50mm to 180mm depths. Options available in a range of colours and series configurations: single / twin / triple orientation.

NOTE: Single modules functional in chains of 3 only.

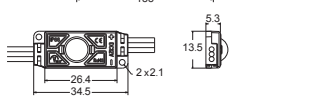
### Product information

Durable with rated life span of +20,000 hours / No UV or IR emissions / Instant Illumination & Flicker free / CE & RoHS international standards / Environmentally friendly & part recyclable: no mercury or other hazardous materials used / Lead-free ABS IK10/IP66 encapsulation (anti-static / flame-retardant / weathproof) / PMMA lens for wide beam angle / Industrial grade 3M™ adhesive / Linked with 100mm 0.5mm<sup>2</sup> multi-core cable

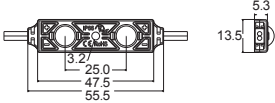
Code	Nominal Size	Lumen Output	Power Consumption	LED Quantity
SDOMOD-001	26mm x 13mm x 5mm	60lm/3pcs	0.72W (3pcs min)	1pc SMD2835
SDOMOD-002	47mm x 13mm x 5mm	40lm/pc	0.72W	2pcs SMD2835
SDOMOD-003	72mm x 13mm x 5mm	60lm/pc	0.72W	3pcs SMD2835

### Technical Specifications

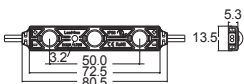
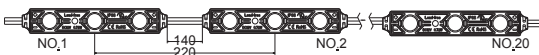
Beam Angle: 160°  
 Luminous Efficacy: up to 83lm/W  
 Operating Voltage: DC 12V  
 LED Type: Epistar SMD2835  
 Operating Temperature: -20°C to +50°C  
 Colour Temperature: Cool White 6500K



Depth of channel letter(mm)	LED pitch(mm)	Density(pcs/m <sup>2</sup> )	Surface brightness (L/m <sup>2</sup> )
50-60	70	234	4200-4500
60-80	80	210	4000-4250
100	100	106	2200-2500
120	130	84	1800-2200
150	160	80	1400-1550
180	180	54	750-800



Depth of channel letter(mm)	LED pitch(mm)	Density(pcs/m <sup>2</sup> )	Surface brightness (L/m <sup>2</sup> )
50-60	80	117	3350-3550
60-80	90	75	2150-2250
100	110	52	1500-1650
120	140	35	1100-1150
150	170	32	900-950
180	190	21	750-800



Depth of channel letter(mm)	LED pitch(mm)	Density(pcs/m <sup>2</sup> )	Surface brightness (L/m <sup>2</sup> )
50-60	120	100	4200-4800
60-80	140	55	2200-2600
100	160	40	1700-2000
120	180	29	1300-1600
150	210	24	900-1200

\* Highlighted values indicate optimum performance of max LED pitch



## LED Signage Modules

Single / Twin / Triple

omniMOD