LM-SAG3-X3
LUMAIRE Series led modules for large signage

5 year warranty SAMSUNG

Features

High reliability LEDs by Samsung (5630)
High luminous efficiency - 109 lm/W
Wide lighting angle lens - 160°
Intelligent Control driver (IC)
Constant current driver (CC)
LM80 Rated (>80% of max. light output after 5 years)
Flame retardant RESIN body (meets UL94 V-1 flammability standard)
Can be cut between every module
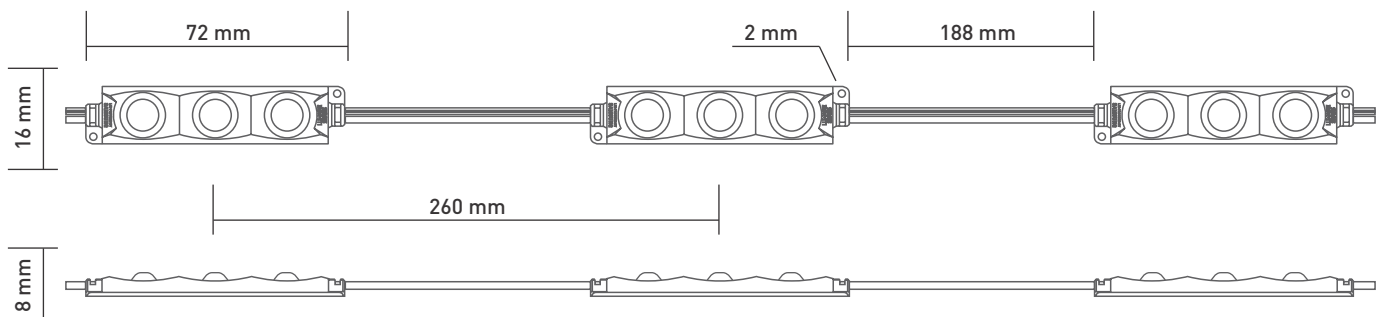Attached 3M double-sided adhesive tape

Applications

Typically used in large signage
Can depth/returns: 120 - 250 mm
Letters with stroke width of approx. 200~500 mm
Deep light boxes
Double-sided projecting signs

Specifications

Product code	LM-SAG3-W3	LM-SAG3-B/R3
Available colours	White	Blue/Red
Color temperature, K	6500~7000K	-
Power, W	1.2W at 12V	
Typical luminous flux, lm	131 Lm (white)	
LED Type	5630 (Samsung LED)	
Dimensions	72 x 16 x 8 mm	
Protection class	IP67 - Fully enclosed, flame retardant RESIN body	
Drivers	Intelligent Control (IC), Constant Current (CC). Dimming: available	
Working temperature, C°	-30C° ~ +50C°	
Cable length	Cable: 188 mm. Distance between centers: 260 mm	
Mounting	Double-sided thermal adhesive tape and mounting holes	
Packaging	30 pcs/chain, 30 pcs/bag, 150 pcs/inner carton, 1800 pcs/outer carton	

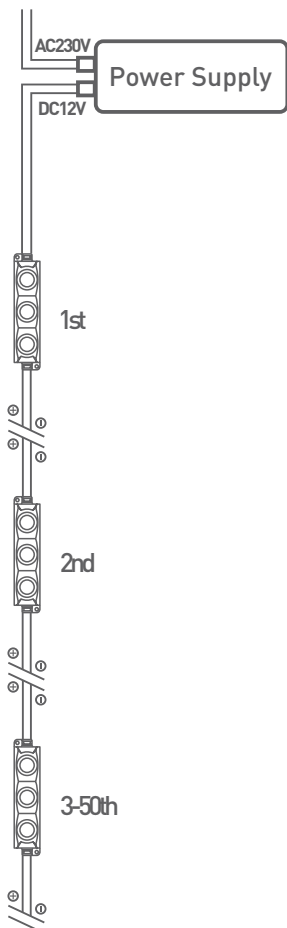*All colours from Samsung range are available by request

Technical drawing

72 mm   2 mm   188 mm
16 mm
260 mm
8 mm

Layout recommendations

LED Module — Letter / Lightbox / Projector sign depth, mm

LED Module	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250
LM-SAG2-W1	◆	◆	◆	◆	◆	◆	◆	◆															
LM-SAG2-W3						◆	◆	◆	◆	◆	◆	◆	◆										
LM-SAG3-W3										◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
LM-SAG2R-W1						◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆					

Max. load per power supply, pcs.

LED Module	LPS-12V18W Power: 18W	LPS-12V60W Power: 60W	LPS-12V100W Power: 100W
LM-SAG2-W1	25	84	142
LM-SAG2-W3	19	63	104
LM-SAG3-W3	12	40	67
LM-SAG2R-W1	10	35	58

Connection
In series

Connection
In parallel