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# LED MODULE 1

## TECHNICAL DATA



	IP67	12Vdc / 24Vdc	IK06	CRI >80	SAMSUNG SMD 2835
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Chain of LED modules with different wattage ranges, encapsulated housing with IP67 rated protection ensures it as a robust, versatile, durable and reliable solution for the illumination of advertising, signage, LED backlighting applications, consistent illumination, modules are connected with flexible cables, easy to install and shape to fit, with double adhesive tape on the back and provision to screw on to the surface, can be used for outdoor environment conditions within enclosed light boxes.

DRIVER CV, 12VDC/24VDC	Lighting Control Standard
CRI	Standard CRI >80
BEAM ANGLE	
FINISH	White (WH)

### TECHNICAL DATA

LED	: SAMSUNG SMD 2835 LED
Power per Module	: 1.2 W / Module
MacAdam Step	: <3 SDCM
Luminaire Efficacy	: 100 lm/W
Lifetime	: L <sub>80</sub> B <sub>10</sub> 100,000Hrs, Ta@35°C
Lamp Pitch	: 25mm (2 LED Lamp)
Module Pitch	: 141 mm
LED Qty.	: 3LEDs/Module
No. of Modules/mtr.	: 7 Modules/m (8.4W/m)
No. of Modules/chain	: 50 Modules

### GENERAL

Mounting	: Surface mounted, Indoor, Outdoor
Housing	: Waterproof module with plastic housing & epoxy sealed
Diffuser	: Optical lens
Adjustability	: No
Driver Mounting	: Remote
Emergency kit	: NA
Dimmable	: Yes
IP Rating	: IP67
IK Rating	: IK06
Protection Class IEC	: II
Energy Class	: A+
Working Temp.	: -20° to 55°C
Glow-wire test	: 850°C, 5 sec
Weight	: 0.20 Kg
Warranty	: 3 yrs (extendable to 5 yrs)

2700K 3000K 4000K 5000K 6500K

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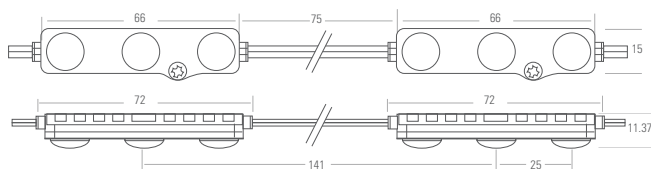
### LED MODULE 1



COLOR TEMP.	POWER / MODULE	LUMENS/MODULE	CODE
3000K	1.2 W	100 lm	EXT11002-30K
4000K		110 lm	EXT11002-40K
6500K		120 lm	EXT11002-65K

2700K 3000K 4000K 5000K 6500K

### DIMENSION



### NOTES

ISO DOC. NO.: SM-OPN-QSF08

CE RoHS

PROJECT	
LUMINAIRE REF.	
QUANTITY	
DATE	
Contact Name	
Mobile	
Email	

www.switch-made.com

Updated on April 15, 2022

All technical specifications and datas are subject to modification at any time and without notice.  
The rated values (@ta25°C) of luminous flux and electrical load are subject to initial tolerance of +/- 10%. Tolerance of CCT are subject to +/- 150K.