

SIGN MODULES

6x 2835 LED | 3.0W

Edge-Lit Module

LL-SM-EL3-10K

LINEAR LUX
LED LIGHTING SOLUTIONS

Applications

- Double sided sign backlighting
- Outdoor lighting for advertising

Features

- Ultra narrow beam angle allows for modules to be mounted to the perimeter of the frame shining inwards
- High performance Samsung 2835 LEDs
- Efficient heat design, requires no heat-sink
- Safe low voltage
- Double sided tape and screw mounting

Electrical Data

Voltage	12.0 VDC
Wattage per module	3.0 W
Current per module	250mA / 12 V

LED Data

LED type	2835
Manufacturer	Samsung
Quantity of chips per LED	1
Quantity of LEDs per module	6

Photometric Data

Colour temperature	9,000 ~10,000°K
Colour rendering index Ra	>80
Luminous flux per module	240 lm
Luminous efficacy	80 lm/W
Beam angle	40°
Dimmable	1 ~ 100%

Construction / Protection Data

Package	ABS
Mounting	Fitted with double sided tape 3M Screw holes
IP rating	IP68
Operating temperature	-30 ~ +70 C°
Storage temperature	-40 ~ +75 C°

Dimensions (module)

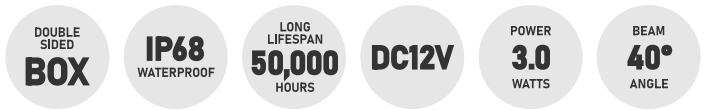
Length	43.0mm
Width	43.0mm
Height	19.0mm

Dimensions (string)

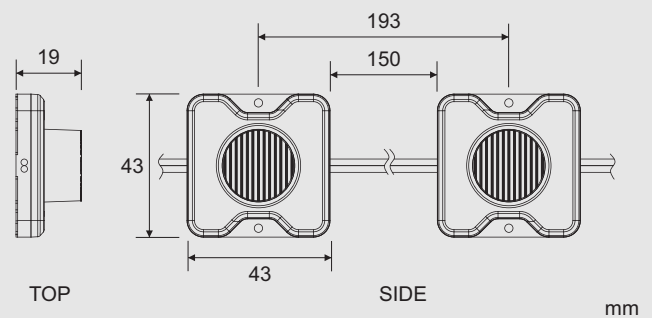
Wire between modules	150.0 mm
Length	7.8 m (50 modules)

Lifetime

Lifespan (L70)	>50,000 hours
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Dimensions



Testing environment temperature = 25°C ±2.0°