

SIGN MODULE LINEA-100



PRODUCT FEATURES

- High efficiency LED
- High colour consistency (MacAdam 4)
- Anti glare diamond lens
- View angle: 170°
- Protection class IP 67
- Normal lifetime up to 50,000 h
- Flexible chain, can be split between any module
- Mounting with screw or premounted double sided adhesive tape possible
- Fully integrated heat sink
- Has rigid cover for higher safety & aluminum PCB for better heat dissipation
- Warranty – 5 Years

AREAS OF APPLICATION

- Signage
- Illuminated advertising
- Light boxes (best for 3-10 Inches deep boxes)
- Channel letters (3-6 Inches)
- Tolerance range for optical and electrical data: -15 / +15%
- All value @ $t_a = 25^{\circ}\text{C}$
- Tolerance range for the supply voltage $12\text{V} \pm 5\%$

PHOTO-METRICAL DATA

Colour temperature	6500K
Colour rendering index (CRI)	≥ 80
Luminous flux per module chain	2000 Lm
Luminous flux per LED module	100 Lm
Luminous efficacy	102 Lm/W
Standard deviation of colour matching	≤ 4 sdc

TECHNICAL DATA

Product name	Linea-100
Module size	73 x 15 x 6.25 mm
Distance of module (wire)	5 Inch
Ambient temperature t_a	$-25^{\circ} \pm 50^{\circ}\text{C}$
Max temperature on modules t_c	60°C

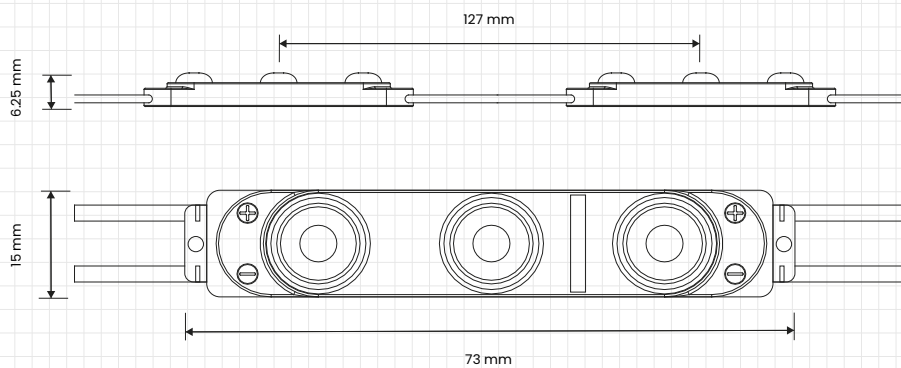
ELECTRICAL DATA

Nominal voltage	12.0 V
Nominal wattage per chain	20 W
Nominal wattage per LED module	1 W
Accidental reverse input voltage protection up to	13 V
Input voltage range	$12\text{V} \pm 5\%$
Type of current	DC

LED MODULE DATA

Number of LEDs per module	3
Number of LED modules per chain	20
Minimum operable number of LED modules	1

DIMENSIONS (2D DRAWING)



PLEASE NOTE

- The power supply cable should meet the actual maximum current and power specifications
- All the end point of wires should be waterproof
- Pay attention to the maximum number of connections, overloading can be hazardous
- All the power supply must have the corresponding certification like BIS
- Our company reserves the right of final interpretation of all specifications and data
- The above is subject to change without notice