

LINEA SQUARE



PRODUCT FEATURES

- High efficiency LED
- High colour consistency (MacAdam 4)
- Anti glare diamond lens
- View angle: 160°
- 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 6-10 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	10000K, 6500K
Colour rendering index Ra	≥ 70
Luminous flux per module chain	6000 Lm
Luminous flux per LED module	300 Lm
Luminous efficacy	100 Lm/W
Standard deviation of colour matching	≤ 4 sdcm

TECHNICAL DATA

Product name	Linea square
Module size	42 x 42 x 10 mm
Max number of modules per chain	20 pcs.
Distance of module (wire)	11 inch
Ambient temperature t_a	$-25^{\circ} - +50^{\circ}\text{C}$
Max temperature on modules t_c	60°C

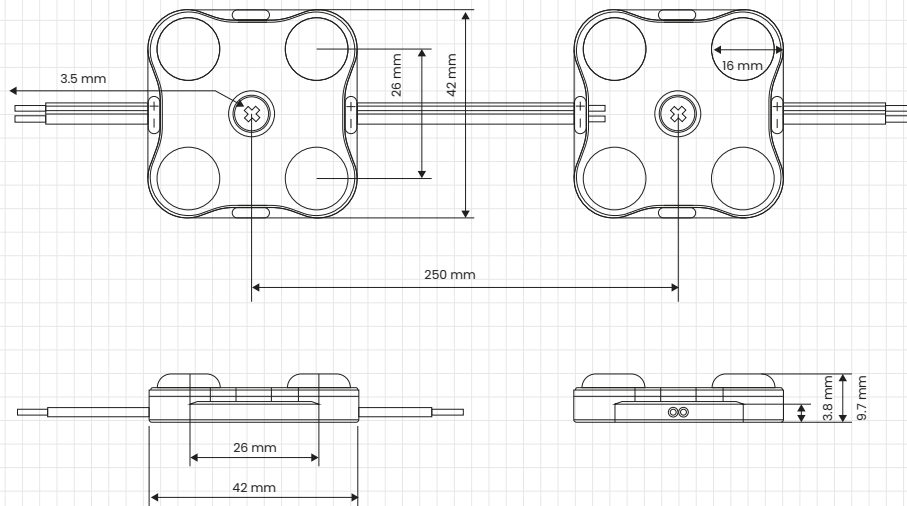
ELECTRICAL DATA

Nominal voltage	12 V
Nominal wattage per chain	60 W
Nominal wattage per LED module	3 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	4
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