

# SIGN MODULE MINI-3



## PRODUCT FEATURES

- High efficiency LED
- High colour consistency (MacAdam 4)
- Rhino optic lens
- View angle: 170° x 130°
- Protection class IP 67
- Normal lifetime up to 30,000 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 – 3 Years

## AREAS OF APPLICATION

- Signage Illuminated advertising
- Light boxes (best for 1-3 Inches deep boxes)
- Can be used as a wall washer/advertising board
- Tolerance range for optical and electrical data:  $\pm 15\%$
- All value @  $t_a = 25^\circ\text{C}$
- Tolerance range for the supply voltage 12V  $\pm 5\%$

## PHOTO-METRICAL DATA

Colour temperature	8000K, Red
Colour rendering index Ra	$\geq 80$
Luminous flux per module chain	----- Lm
Luminous flux per LED module	82 Lm
Luminous efficacy	----- Lm/W
Standard deviation of colour matching	$\leq 4$ sdcm

## TECHNICAL DATA

Product name	Mini-1
Module size	L29 x W8.5 x H8
Distance of module (wire)	1.97 inch
Ambient temperature $t_a$	$-25^\circ + 50^\circ\text{C}$
Max temperature on modules $t_c$	60°C

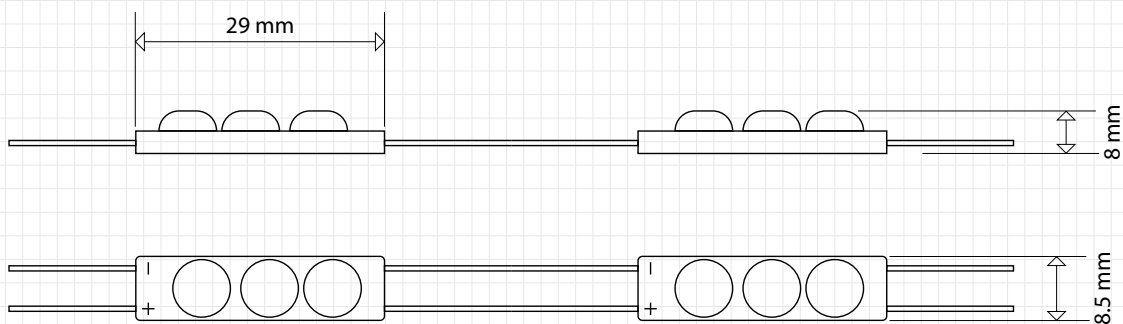
## ELECTRICAL DATA

Nominal voltage	12 V
Nominal wattage per chain	--- W
Nominal wattage per LED module	0.72 W
Accidental reverse input voltage protection up to	25 V
Input voltage range	24 V $\pm 5\%$
Type of current	DC

## LED MODULE DATA

Number of LED modules per chain	-----
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