

# SIGN MODULE FINESSE 9X



## PRODUCT FEATURES

- High efficiency LED
- High colour consistency (MacAdam 4)
- Rhino optic lens
- View angle: 15° x 85°
- 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)
- 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  $12\text{V} \pm 5\%$

## PHOTO-METRICAL DATA

|                                       |                    |
|---------------------------------------|--------------------|
| Colour temperature                    | 6500K, 5700K, Blue |
| Colour rendering index Ra             | $\geq 80$          |
| Luminous flux per module chain        | 16640 Lm           |
| Luminous flux per LED module          | 832 Lm             |
| Luminous efficacy                     | 130 Lm/W           |
| Standard deviation of colour matching | $\leq 4$ sdcn      |

## TECHNICAL DATA

|                                  |                                |
|----------------------------------|--------------------------------|
| Product name                     | Linea-22                       |
| Module size                      | 174.3 x 31.5 mm                |
| Distance of module (wire)        | 12 inch                        |
| Ambient temperature $t_a$        | $-25^\circ + 50^\circ\text{C}$ |
| Max temperature on modules $t_c$ | 60°C                           |

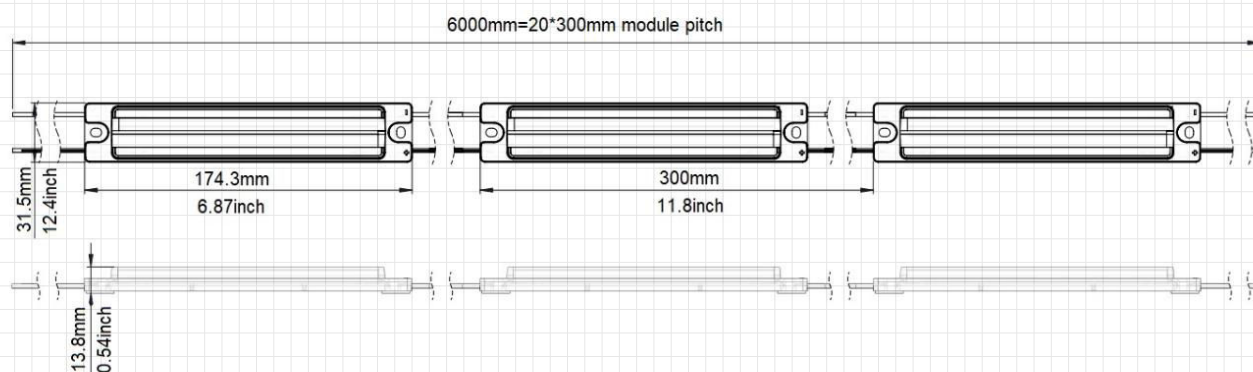
## ELECTRICAL DATA

|   |                |
|---|----------------|
| Nominal voltage                                   | 24 V           |
| Nominal wattage per chain                         | 128 W          |
| Nominal wattage per LED module                    | 6.4 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        | 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