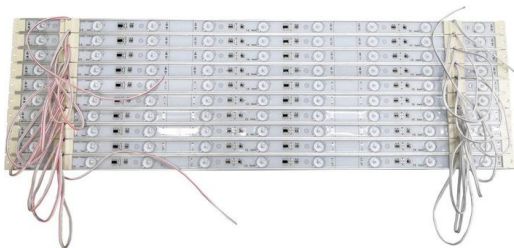


# LEDELS- LED Signage Lighting Solution

Series Name: HP150 Waterproof  
Item No: LL-F24P600W1L09B69



## Product Feature:

1. Powered by original Nichia SMD757 1.0Watt LED.
2. 175° wide viewing angle with even light distribution.
3. Backlighting to light boxes whose depth is 35~100mm.
4. Less light source for backlighting owing to its wide angle.
5. Fast installation and wiring saves your labor cost.
6. Life span up to 50000 hours without visible light decay.
7. Waterproof, IP65, ideal for outdoor use.
8. Perfect color uniformity.
9. Maintenance free within 10 years.
10. Customised cable length between LED Strips & LED Strips to Power Supply saves you a lot of labor cost for installation/ wiring.

## Specification

LED Type Powered by **Nichia SMD757** 1.0Watt power LED

Available Color **White**

Angle( $2\theta_{1/2}$ )  $\geq 175^\circ$

### Luminous Flux (lm/ LED)

Red Light	Green Light	Blue Light	Yellow Light	White Light	Warm White
				140~160	125

### Wavelength Scope (nm / °K)

Red Light	Green Light	Blue Light	Yellow Light	Pure White	Warm White
				6000~7000°K	3000°K

LED Qty 9 pcs  
Life Span 50,000Hours

## Electrical Parameter

Working Voltage 24VDC

Maximum Power Consumption 1.2Watt/LED\*9 LEDs = 10.8Watt

Driving Method **constant current**

## Wires & Serial connection per link

Wires 200mm long, 20AWG red wire and white wires.  
Red: positive, white: negative

Standard Length In Serial Connection 10PCS

## Outer Parameter

Shell/ housing material **Aluminium**  
Module dimension 690mm (L)\*21.5mm (W)\*8.0mm (H)

Depth of lightbox	Quantity per m <sup>2</sup>
35~50mm	14~7pcs
50~80mm	7~5pcs
80~100mm	5pcs

Adhesive tape at the backside **For Temporary Positioning only**

## Way of installation/fixing

Screw /

Adhesive Substance /

## Environment Parameter

Working Temperature -20°C~50°C

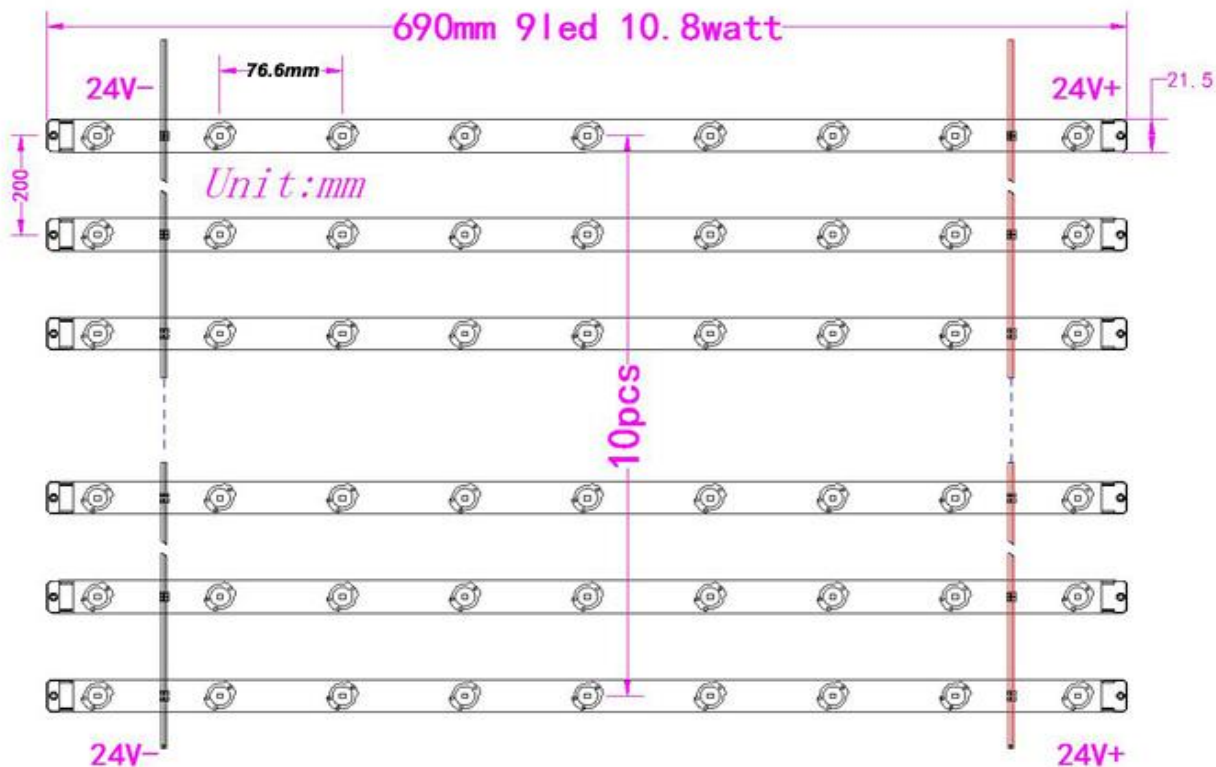
Storage Temperature -40°C~60°C

IP rating **IP65**

Color Rendering Index **80**

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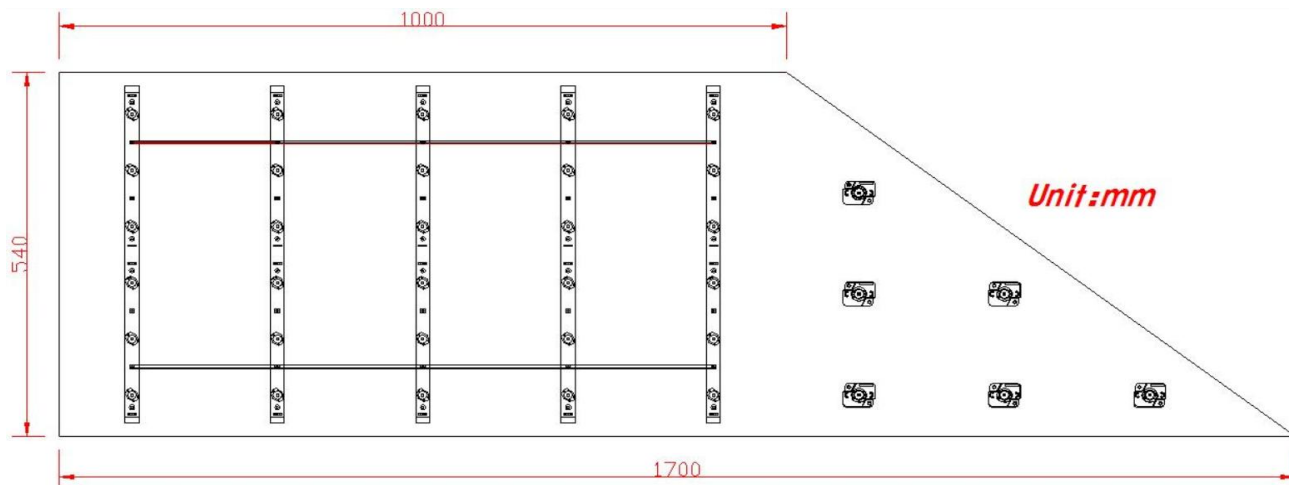
Strip Module Dimension & Wiring Diagram (Unit: mm) :



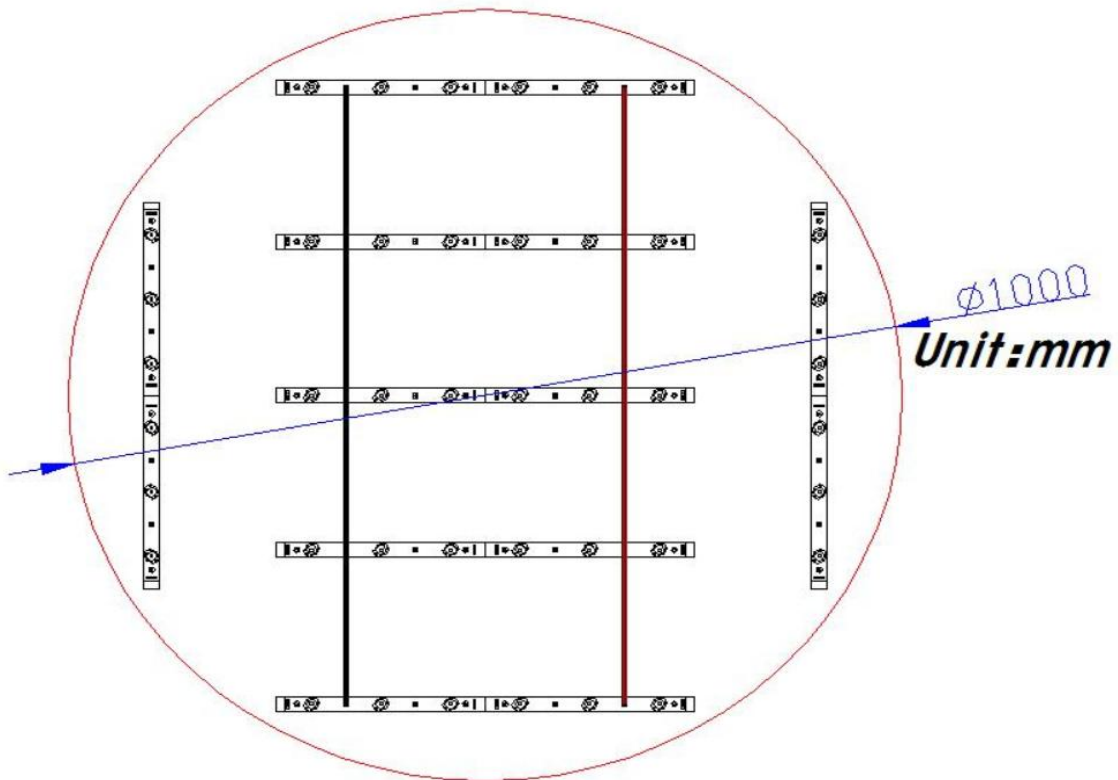
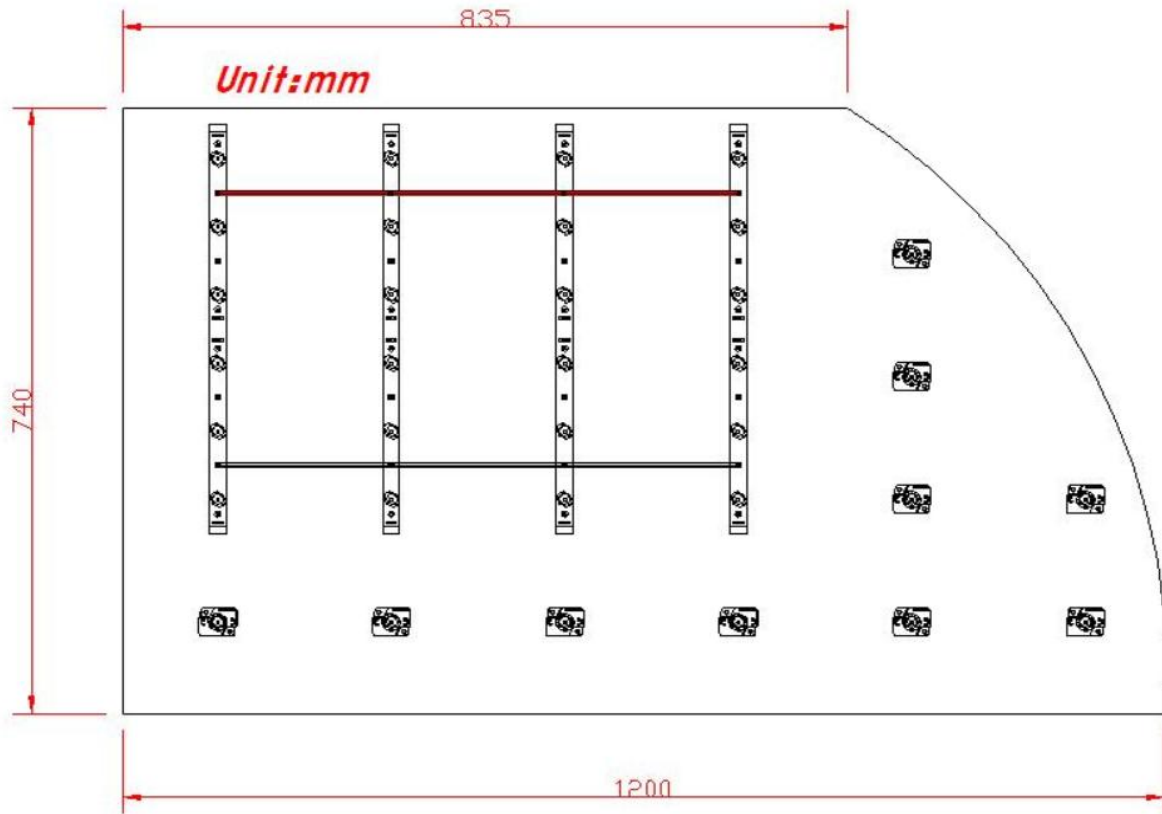
Compatibility for Sign Boxes of any shapes and any sizes



Combined with item LL-F24P600W1L44 (24V 1.2Watt LED module lights, flexible /compatible to illuminate sign boxes of any sizes and shapes.



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