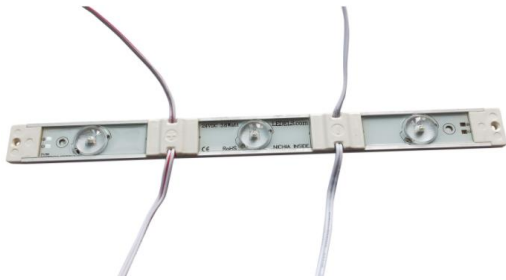


# LEDELS- LED Signage Lighting Solution

Series Name: HP150 Waterproof  
Item No: LL-F24P600W1L03B25



## 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 35~120mm.
4. Less lighting source owing to its wide angle.
5. Fast installation and wiring saving 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 5 years.
10. **Compatible/flexible to Boxes of ANY SIZE and ANY SHAPE if combined with item LL-F24P600W1L44.**

## Specification

LED Type                      Nichia SMD757 1.0Watt /Osram SMD3030 1.0Watt  
Available Color                      White  
Angle(2θ<sub>1/2</sub>)                      ≥ 175°

### Luminous Flux (lm/ LED)

Red Light	Green Light	Blue Light	Yellow Light	White Light	Warm White
				120~130	105

### Wavelength Scope (nm / °K)

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

LED Qty                                      3 pcs  
Life Span                                      50,000Hours

## Electrical Parameter

Working Voltage                                      24VDC  
Maximum Power Consumption                      1.2Watt/LED\*3 LEDs = 3.6Watt  
Driving Method                                      **constant current**

## Wires & Serial connection per link

Wires                                      200mm long, 18AWG red wire and white wires.  
Red: positive, white: negative

Standard Length In Serial Connection                      10PCS  
Maximum Length In Serial Connection                      ≤12pcs

## Outer Parameter

Shell/ housing material                                      ABS grease white  
Module dimension                                      230mm (L)\*21.5mm (W)\*8.0mm (H)  
PCB Color                                      White



RoHS



Depth of lightbox	Quantity per m <sup>2</sup>
35~50mm	20pcs
50~80mm	15pcs
80~100mm	12pcs
100~150mm	10pcs

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

## Way of installation/fixing

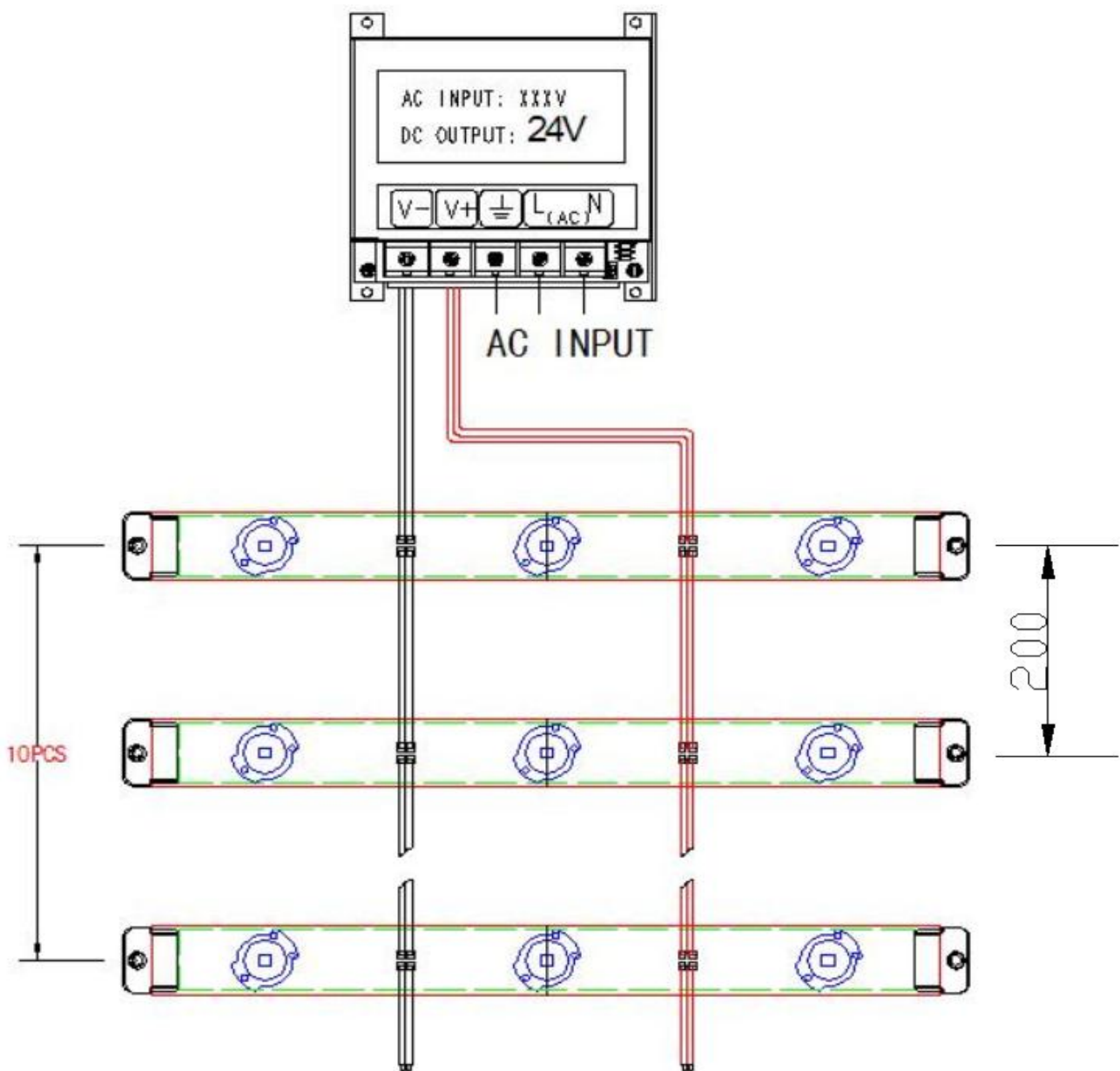
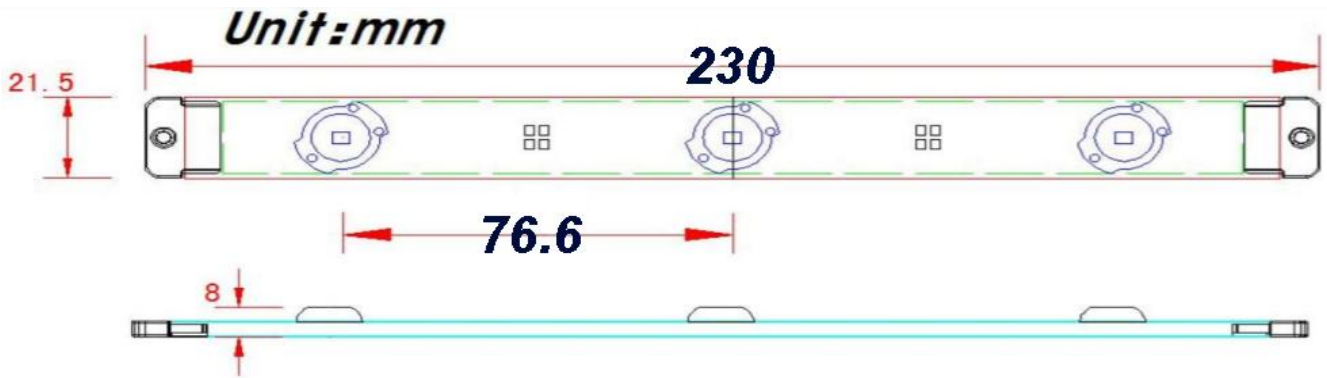
Screw                                      /  
Adhesive Substance                                      /

## Environment Parameter

Working Temperature                                      -40°C~60°C  
Storage Temperature                                      -50°C~80°C  
IP Degree                                      **IP65**

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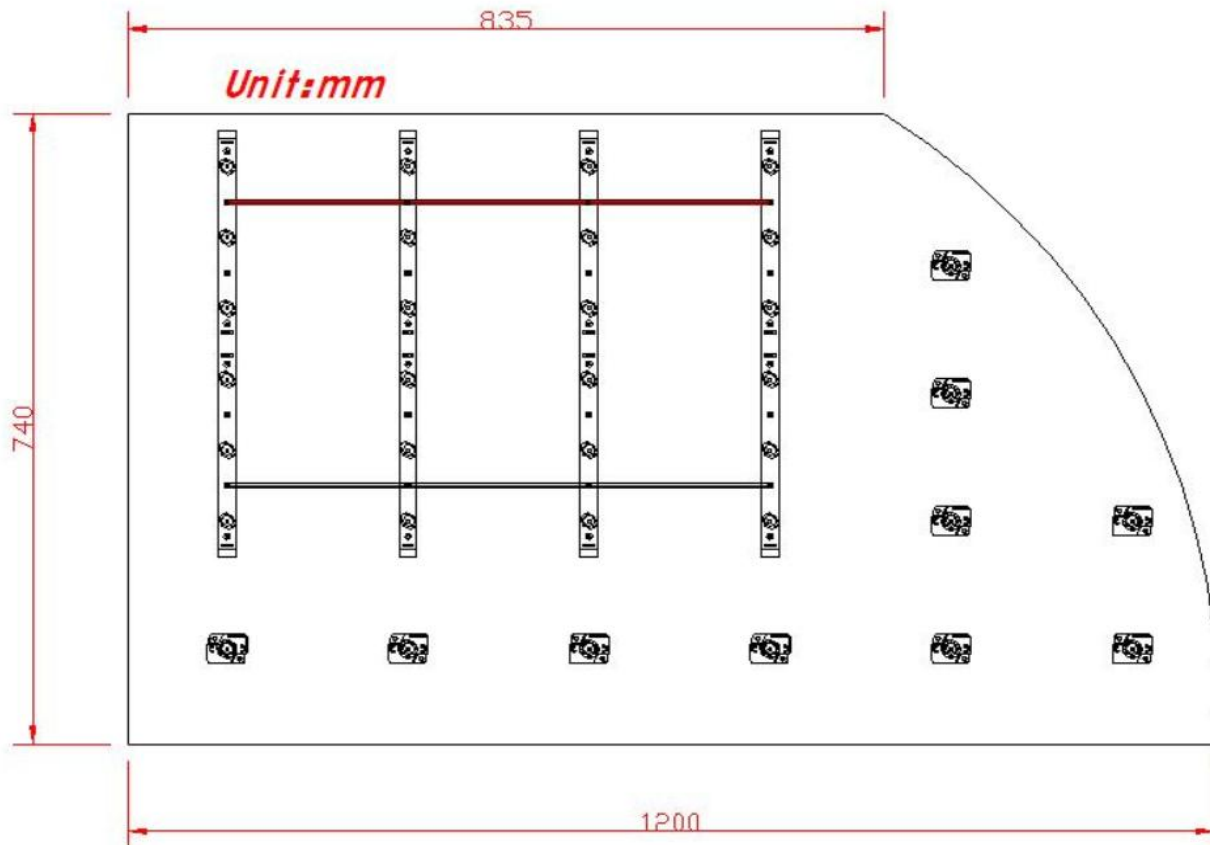
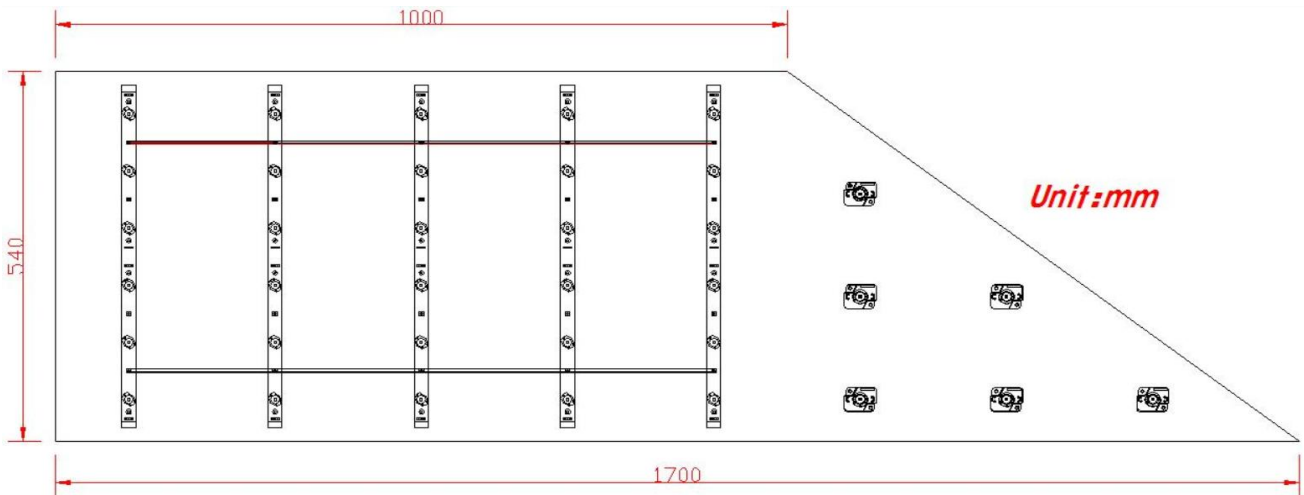
Module dimension (Unit: mm) :



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



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