P1.8 Indoor LED Module

MW7718-MI-H1

Features

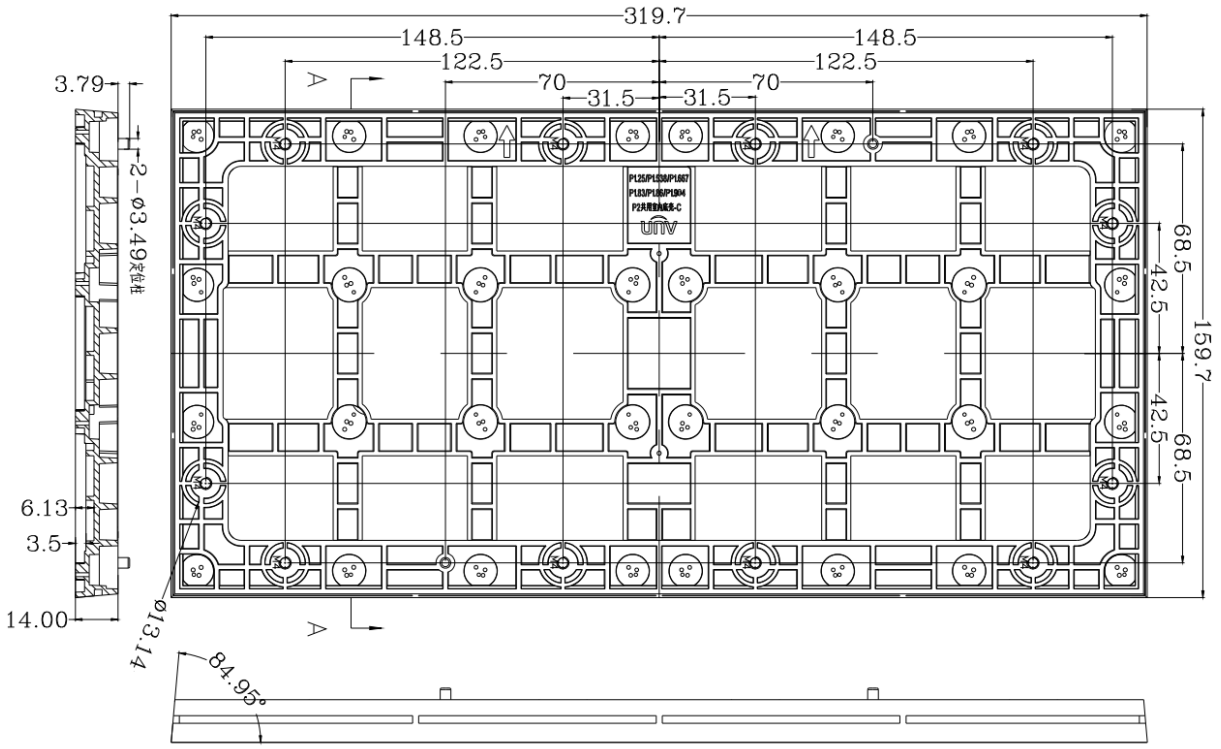
- The R, G, B wafers are encapsulated together to form a single pixel, delivering excellent color mixing effect and uniformity.
- Integrates lamp board and drive board for even current distribution, low power consumption, and fast heat dissipation.
- High refresh rate driver IC presents delicate and smooth images.
- High brightness and high reliability.
- High contrast with full black lamp.
- Long lifetime.
- Ultra-wide viewing angle ensures satisfactory viewing experience from diversified angles.

Specifications

Model	MW7718-MI-H1
Module	
Pixel Pitch	P1.8
Module Resolution (W × H)	172 × 86
Module Dimensions (mm)	320 × 160
Cabinet	
Processing Image	
Brightness (nits)	450

Color Temperature (K)	2000 to 9300 adjustable
Viewing Angle (H/V)	140°/140°
Center distance deviation of LED	≤ 3%
Brightness Uniformity	≥ 97%
Color Uniformity (Cx, Cy)	± 0.003
Contrast Ratio	3000:1
Processing performance	
Pixel Density (pitch/m²)	288906
Surface Evenness (mm)	≤ 0.2
Grayscale	12 bit
Scanning Mode	43 S
Frame Frequency (Hz)	50/60
Refresh Rate (Hz)	3840
Electrical	
Power Supply	DC 4.5 V
Average Power Consumption (W/m²)	200
Max. Power Consumption (W/m²)	600
General	
Ingress Protection	IP30
Weight (kg/pcs)	0.45 ± 0.1
Operating Temperature	-20°C to 50°C
Operating Humidity	10% to 65% RH, non-condensing
Storage Temperature	-20°C to 60°C
Storage Humidity	10% to 70% RH, non-condensing
LED Lifetime (h)	50000

Dimensions



Ordering Info

Product Model	Description
MW7718-MI-H1	P1.8 Indoor LED Module

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