



SignlightsLED LLC

www.signlightleds.com

P8 SMD Outdoor LED Display

Our LED Displays with high quality and scientific design passed MET Certification, which it is comply with UL48 standard. Listing Number E114414; MET Project Number 93786



Because we care

Signlights LED Display Division

South Carolina :

109 Interstate Blvd

Anderson, SC 29621

828-455-1787

North Carolina :

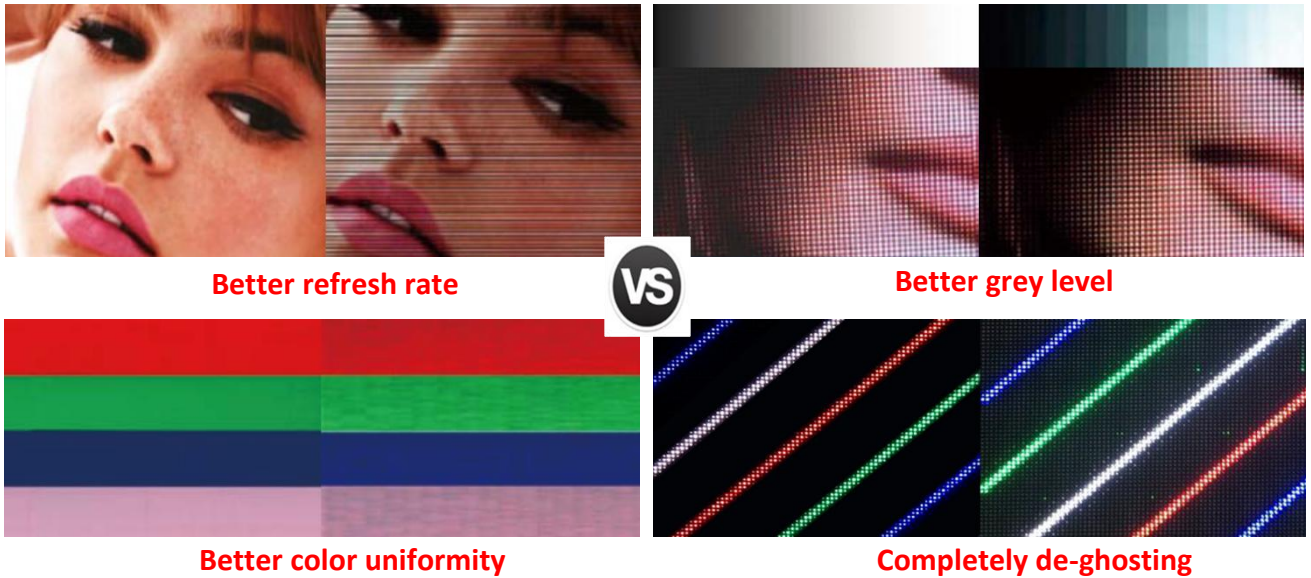
30, S. Main St.

Granite Falls, NC 28630

828-455-1787

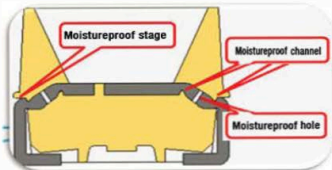
General Features

Outstanding Performance

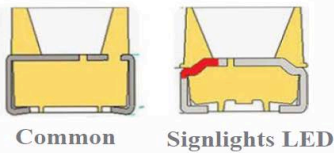


Outstanding Longevity and Stability

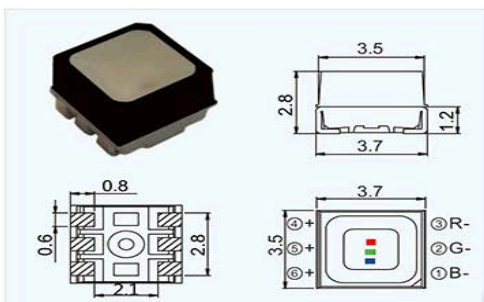
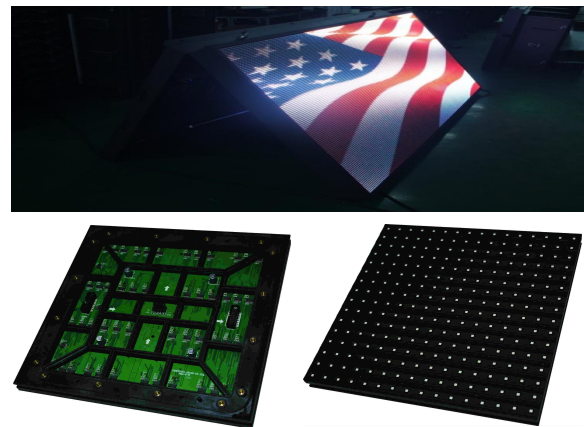
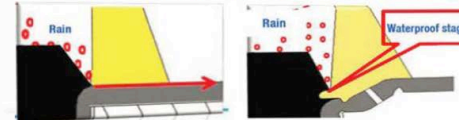
Besides of high class materials & components, strict QC is applied to all the production processes.



1. High brightness
White len, high luminous intensity
2. High contrast
Black coating, matte encapsulation with non-mirror reflection
3. High reliability
Dust-proof, Water-proof, UV proof



4. Long lifespan
Good thermal dissipation, low luminous degradation and power consumption



Model	Color	IF(mA) TEST	Rd(nm) Typ	Iv(mcd) Typ	Vf(V) Typ	View angle (deg.)
SMD3535		20	620	750	2	160
		20	525	2100	3	160
		20	470	530	3	160

Specifications

Pixel pitch	8mm
LED type	Original Epistar SMD3535 LED
Pixel density	15,625/m ²
Module size	320x160mm
Driving method	1/5 constant current
Refresh rate	≥1920Hz (adjustable)
Brightness	≥7,000nits (adjustable)
Suggested viewing distance	≥8m
Best viewing angle	Within 160°(H)/120°(V)
Grey scale	65,536 level (color range 281 trillion)
Processing depth	16bit
Brightness control	256 levels (auto-dimming optional)
Max. Power consumption	900W/m ²
Avg. Power consumption	300W/m ²
Input voltage	90~132VAC / 180~264VAC by switch (manually)
Working temperature	-25 ~ +70°C
Working humidity	20 ~ 90% RH non-condensing
MTBF	> 5,000 hours
Lifetime	100,000 hours
Cabinet type	Single side front open lid cabinet
Display size (W x H)	2560mm x 1280mm (8.39ft x 4.19ft)
Cabinet size (Add 60mm frame)	2620mm x 1340mm (8.59ft x 4.39ft)
Cabinet material	Steel plate
Cabinet weight	65kg/m ²

Benefits

1. In order to avoid the potential defects existed in the design and production, we conduct a series of reliability tests such as the electronic performance test for the semi-finished products and finished products, the anti-dust test, the waterproof test, the vibration test and thermal shock tester, etc. before displays leaves our manufacturing plant.

2. SMD technology consumes less power than traditional DIP displays

3. SMD viewing angle is the same (>120°) horizontally and vertically. allowing for optimal viewing from any position.

4. one of the biggest advantages of SMD vs DIP is that SMD displays have the advantage of:

A. the color output is more vivid and crisper and truer to the intended color along with better color uniformity.

B. SMD displays are lighter in weight compared to DIP displays.

5. P16 stands for the distance in pixel distance in Millimeters.

We carry the following sizes: 2x6, 3x6, 4x6, 2x7, 3x7, 2x8, 3x8, 4x8, 5x10, 6x12 (available in P16 & P8)