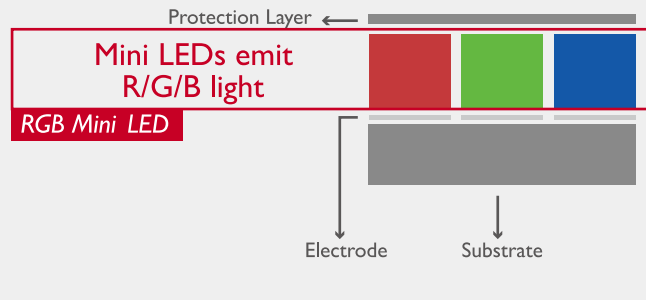


# Mini LED Display

## Self-emissive Mini LED



## 54" 0404 LED Display (Pitch 1.25mm)

- Yenrich 0404 Mini LED PKG inside
- Epistar R/G/B flip chip inside with good optical quality
- High contrast ratio LED module design (black area>90%)
- Wide color gamut LED, DCI-P3
- Perfect display surface treatment
- Wide viewing angle: 160°
- Suitable for indoor and semi-outdoor

Yenrich

Module Dimensions	150x168.75 mm
Pixel Pitch	1.25 mm
LED Type	0404 RGB Package
Color Gamut	100% DCI-P3
Brightness	1000 cd/m <sup>2</sup>
Power	70W (Avg. per cabinet)

## 135" LED Display (Pitch 0.78mm)

- Yenrich 4-in-1 1213 mini LED package
- Epistar R/G/B flip chip inside with good optical quality
- Wide viewing angle: 170°
- For 135" 4K LED display solution

Yenrich

Module Dimensions	150x168.75 mm
Pixel Pitch	P0.78125 mm
LED Type	4-in-1 1213 RGB Package
Color Gamut	REC. 709
Brightness	400 cd/m <sup>2</sup>
Power	650W Avg. / set

## 27" 16-in-1 LED Display (Pitch 0.46mm)

- Yenrich 16-in-1 1818 mini LED package inside
- Epistar 3 x 5 mil R/G/B flip chip inside with good optical quality
- High contrast ratio package design
- Wide viewing angle: 160°
- For 81" 4K LED display solution

Yenrich

Module Dimensions	150x168.75 mm
Pixel Pitch	P0.46872 mm
LED Type	16-in-1 1818 RGB Package
Color Gamut	REC. 709
Brightness	800-1000 cd/m <sup>2</sup>
Power	120-130W Avg. / cabinet

## P0.9375 Module /Cabinet Spec.

ES available in 2021/Q2

- 16:9 die-casting aluminum cabinet, can be used for HD/ full HD/4K resolution
- Complete front maintenance
- Ultra thin design, 43.5mm thickness
- Ultra low power by flip chip LED, 3X~4X or higher efficiency than face-up LED



Lextar Yenrich

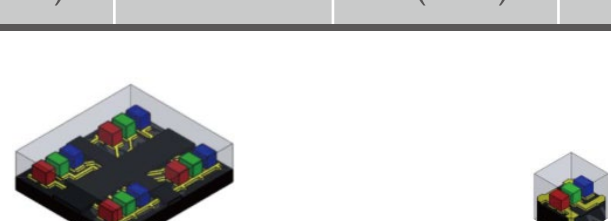
Pixel Pitch	0.9375mm
LED	SMD 1515 (4-in-1)
Pixel Density	1,137,778 pixels/m <sup>2</sup>
Module Size	150x168.75mm
Module Resolution	160 x 180 pixels
Cabinet Dimension	600 x 337.5 x 43.5mm
Cabinet Resolution	640 x 360 pixels
Structure Material	Die-casting aluminum
Cabinet weight	6.5Kg
Brightness	1000 nits (2000 nits available)
Contrast Ratio	10,000:1
Driving mode	1/32 scan
Grayscale level	15bit
Refresh rate	3840 Hz
Life Time	100,000 hours
Input Voltage	100~240 V AC, 50/60Hz
Power Consumption	250W/m <sup>2</sup> (max)
Temp Range (operation)	-10°C~40°C
Temp Range (storage)	-20°C~60°C

## RGB Mini LED Package

- Top view SMD LED
- R/G/B flip chip inside
- High contrast
- Easy for SMT
- Environmental friendly ; RoHS compliance



	Model name	PQ15X01			PQ12X01		
	Package size	1515(4 in 1)			1213(4 in 1)		
	Chip type	Flip chip			Flip chip		
	Pixel pitch	0.9375mm			0.7812mm		
	Pad design	Common Cathode			Common Cathode		
	Peak wavelength (nm)	R(1mA)	615~630		R(1mA)	615~630	
G(1mA)		528~540		G(1mA)	528~540		
B(1mA)		461~473		B(1mA)	461~473		
	Luminous Intensity (mcd)	R(1mA)	11~24		R(1mA)	11~24	
G(1mA)		35~77		G(1mA)	35~77		
B(1mA)		7~15		B(1mA)	7~15		



	Model name	PQ10X01			PF04X02		
	Package size	1011(4 in 1)			0404		
	Chip type	Flip chip			Flip chip		
	Pixel pitch	0.625mm			0.6~1.9mm		
	Pad design	Common Cathode			Common Cathode		
	Peak wavelength (nm)	R(1mA)	615~630		R(1mA)	615~630	
G(1mA)		528~540		G(1mA)	528~540		
B(1mA)		461~473		B(1mA)	461~473		
	Luminous Intensity (mcd)	R(1mA)	11~23		R(1mA)	10~22	
G(1mA)		35~77		G(1mA)	26~57		
B(1mA)		6~13		B(1mA)	4~9		

# Micro-LED



## 5.1" Transparent Micro LED Display

- 8 x 15 micro LED chip
- Transparent glass substrate
- Finest pitch micro LED display

Lextar display

Backplane	Glass & μ-IC
PPI	70
Resolution	320 x 160
Chip Dimension	8 x 15 μm
Brightness	3,000 cd/m <sup>2</sup> (Max.)

## i-micro LED Display

- Lextar i-pixel with micro LED chip inside (30 x 60μm)
- No glare surface
- Ultra high black ratio (>99%)
- Excellent color uniformity
- For 150" 4K LED display solution

i-micro

Black Ratio	>99%
Pixel Pitch	0.833 mm
LED Package	045045 Package
Display Dimension	400 x 300 mm
Brightness	1,000 cd/m <sup>2</sup>