



## P10 1R1G1B Outdoor Energy-Saving LED Display Screen

<b>Model</b>		<b>EP10-O4L-1R1G1B32x32-L960H960</b>			
<b>1. LED</b>					
					
Color	Package	Intensity	Viewing angle	Wavelength	Testing condition
Red	DIP346	450-550mcd	110/50	622-625nm	25 °C ,20mA
Green	DIP346	1800-2200mcd	110/50	522.5-525nm	25 °C ,20mA
Blue	DIP346	350-450mcd	110/50	465-467.5nm	25 °C ,20mA

<b>2. LED Module</b>	
	
Pixel Pitch	10
Pixel configuration	1R1G1B
Density	10,000 pixels/m <sup>2</sup> (real pixel)
Module Resolution	32(L) * 32(H)
Module Dimension	320(L) * 320(H) * 35(D)
Driving Mode	Constant current, static (1/4 duty)
Module Mask	Pure black mask---high contrast screen

<b>3. LED Cabinet</b>
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Customized cabinet dimension;

Different cabinet styles for easy installation.

Module Quantity in a Cabinet	3(L) * 3(H)
Cabinet Dimension	960(L) * 960(H) * 175(D)mm
Cabinet Resolution	96(L) * 96(H)
Cabinet Material	Steel; Aluminum
Cabinet Weight	≈47KG; 35KG

<b>4. Electricity Parameter</b>	
<b>Optical Ratings</b>	
Brightness	≥8000 cd/m <sup>2</sup>
Viewing Angle	110 °(Horizontal); 50 °(Vertical)
Best Viewing Distance	≥10m
Gray Grade	16384 levels for each color
Display Color	4,398,046,511,104
Brightness Adjustment	100 grades by software or automatically by sensor
<b>Power Supply</b>	
Operation Power	AC100-240V 50-60Hz Switchable
<b>Max. Power Consumption</b>	<b>300W/m<sup>2</sup></b>
<b>Average Power Consumption</b>	<b>≈100 W/m<sup>2</sup></b>
<b>Control System</b>	
Correction Scale Level	16bits
Frame Frequency	≥60Hz
Screen Refresh Frequency	≥3600Hz
Gamma Correction	-5.0~5.0
Input Signal	Composite Video, S-video, DVI, HDMI, SDI, HD-SDI
Control Distance	100m(Ethernet cable); 10KM(optical fiber cable)



# SHENZHEN EAGER LED CO., LTD.

LED Display Factory    Web:[www.eagerled.com](http://www.eagerled.com)

Support VGA Mode	800*600, 1024*768, 1280*1024, 1600*1200
Color Temperature	5000—9300 adjustable
Brightness Correction	Pixel by pixel, module by module, cabinet by cabinet
<b>Reliability</b>	
Working Temperature	-20~+60 ℃
Stored Temperature	-30~+70 ℃
Working Humidity	10%~90% RH
Lifetime	100,000 hours
MTBF	5000 hours
Continuous Working Time	≥72 hours
Protection Grade	IP65(front side); IP54(rear side)
Out of Control Pixel Rate	≤0.01%