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Display Technology Division

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Parameter datasheet

LED Lamp						
Color	QTY	Shape	Wavelength (nm)	Brightness (mcd)	Viewing Angle (Horizontally) (°)	Viewing Angle (Vertically) (°)
RED	2	φ5 Oval DIP	625	450×2	120	60
GREEN	1	φ5 Oval DIP	525	1800	120	60
BLUE	1	φ5 Oval DIP	470	300	120	60

Unit Module						
Pixel Pitch (mm)	24	Resolution W×H (dot)	8×8	Dimension W×H (mm)	192×192	
Virtual Pixel Pitch (mm)	—	Virtual Pixel Resolution W×H (dot)	—	Maximum Power Consumption (W)	26	

Unit Cabinet			
Module Layout W×H (pcs)	6×6	Resolution W×H (dot)	48×48
Dimension W×H×T (mm)	1152×1152×190	Virtual Pixel Pitch W×H (dot)	—
Displaying Area (m ²)	1.33	Maximum Power Consumption (w)	940
Maintenance Mode	Rear		

Spec of LED Display			
Pixel Density (dot/m ²)	1736	Brightness (cd/m ²)	> 5500
Virtual Pixel Density (dot/m ²)	—	Contrast Ratio	64000:1
Display Mode	Real Pixel	Color Temperature (k)	8000
Gray scale Correction (grade)	65536 (16bit)	Brightness Adjustment (grade)	100 Manually/Timely
White Balance (X: Y)	0.29: 0.31	Partial RGB Brightness Adjustment	Independent Module Adjustment
Refreshing Frequency (Hz)	60-100	Color (trillion)	281.5
Auto Brightness Adjustment	16 grade automatically	Scanning Frequency (Hz)	2000
LED Driving mode	Constant Current drive/static latching	Average Power Consumption (w/m ²)	234
Scanning Mode	Static	Maximum Power Consumption(w/m ²)	935
Power Consumption (±10%)	220V 50Hz; 110V 60Hz	Power Supply Certification	UL / CE / CCC
Operating Temperature (°C)	-20 - +50	Operating Humidity	≤Relative Humidity 90%
Feeding Distance	120m (UTP net cable) 15km (Fiber)	Cabinet Material	Cold rolled steel
Cabinet Color	Black / Gray	Standard Resolution on computer	1024×768
MTBF	> 10000 hours	Ingress Protection Grade	IP67 front/IP55 rear
Best Viewing Distance	30-80 meters		