

PRODUCT. PEOPLE. COMMITMENT.

**DIAMOND
VISION**
SYSTEMS DIVISION



YOUR COMPLETE LED PROJECT DELIVERED

Mitsubishi Electric offers solutions that can help resellers and system integrators lower their total project cost while delivering superior value to their clients, and eliminating the hassles of using multiple subcontractors. We are here to support your next project with a full-line of products, factory engineered mounting solutions, and the ability to offer self-performed installation services.

- Factory direct mounting brackets
- Complete installation services
- Complete product line



XLSERIES[®]
Designed for Performance[®]

OUTDOOR RATED DISPLAYS

	Surface Mount Device (SMD) Technology							Lamp Technology	
Pixel Pitch	4.0mm	6.0mm	8.0mm	10.0mm	12.0mm	16.0mm	20.0mm	16.00mm	20.0mm
Pixel Density (SQM)	62,500	27,777	15,625	10,000	6,944	3,906	2,500	3,906	2,500
Pixel Density (SQFT)	5,807	2,581	1,452	929	645	363	232	363	232
Brightness cd/m² (NIT)	3,500	6,500		7,500			6,500	9,000	9,000
LED Unit Size (H x W)	320 x 320	192 x 192	128 x 256	160 x 320	192 x 192	128 x 256	160 x 320	128 x 256	160 x 320
Horizontal Viewing Angle	+70° ~ -70° (140°)								
Vertical Viewing Angle	+70° ~ -70° (140°)	+39° ~ -53° (92°)	+35° ~ -60° (95°)	+39° ~ -61° (100°)	+29° ~ -63° (92°)	+29° ~ -67° (96°)	+39° ~ -74° (113°)	+25° ~ -35° (60°)	+25° ~ -33° (58°)
Color Processing	14 Bit / 16,384 levels [16 Bit / 65,536 levels HDR Option]								
Refresh Rate	3,840 Hz	2,000 Hz							
Power (Max)	600W/m² (56W/ft²)							500W/m² (46W/ft²)	
Power (Avg)	180W/m² (17W/ft²)							150W/m² (14W/ft²)	
Weight	60kg/m² (12.3lb/ft²) Standard 45kg/m² (9.2lb/ft²) Option								

INDOOR RATED DISPLAYS

Pixel Pitch	2.667mm	4.0mm	6.0mm	8.0mm	10.0mm
Pixel Density (SQM)	140,625	62,500	27,777	15,625	10,000
Pixel Density (SQFT)	13,066	5,807	2,581	1,452	929
Brightness cd/m ² (NIT)	1,500	1,200		1,800	
Brightness cd/m ² (NIT)	2,000	1,500		3,500	
Brightness cd/m ² (NIT)			2,000		
LED Unit Size H x W	192 x 384	384 x 192	192 x 192	128 x 256	160 x 320
Horizontal Viewing Angle	+70° ~ -70° (140°)				
Vertical Viewing Angle	+70° ~ -70° (140°)				
Color Processing	14 Bit / 16,384 levels [16 Bit / 65,536 levels HDR Option]				
Refresh Rate	2,000 Hz				
Power (Max)	500W/m ² (46W/ft ²)	400W/m ² (37W/ft ²)			
Power (Avg)	167W/m ² (16W/ft ²)	150W/m ² (14W/ft ²)			
Weight	23kg/m ² (4.9lb/ft ²)	50kg/m ² (10.2lb/ft ²) Standard 35kg/m ² (7.2lb/ft ²) Option			

SOFTWARE & SERVICE



- 24/7 support hotline
- Stocked parts, service & repair depot in the U.S.

FINE PITCH DISPLAYS

	16:9 Ratio Cabinets				Mitered Corners on Cabinets		
Pixel Pitch	0.95mm	1.27mm	1.587mm	1.905mm	1.875mm	2.5mm	3.0mm
Pixel Density (SQM)	1,102,224	620,000	396,800	275,556	284,444	160,000	111,111
Pixel Density (SQFT)	102,400	57,600	36,864	25,600	26,426	14,865	10,323
Brightness cd/m² (NIT)	700	600	700			1,100	
Horizontal Viewing Angle	+70° ~ -70° (140°)						
Vertical Viewing Angle	+70° ~ -70° (140°)						
Color Processing	14 Bit / 16,384 levels [16 Bit / 65,536 levels HDR Option]						
Refresh Rate	3,840 Hz	3,600 Hz			3,840 Hz		
Power (Max)	700W/m² (65W/ft²)	600W/m² (56W/ft²)	650W/m² (60W/ft²)	620W/m² (58W/ft²)	600W/m² (56W/ft²)		500W/m² (46W/ft²)
Power (Avg)	231W/m² (21W/ft²)	200W/m² (19W/ft²)	216W/m² (20W/ft²)	205W/m² (19W/ft²)	200W/m² (19W/ft²)		167W/m² (16W/ft²)
Weight	46kg/m² (9.4lb/ft²) Option				26kg/m² (5.3lb/ft²)		

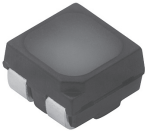
* All viewing angles are based on viewable area

Indicates Black Package LED

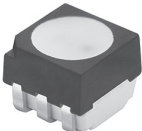


MITSUBISHI ELECTRIC POWER PRODUCTS, INC.

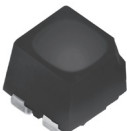
530 Keystone Drive
Warrendale, PA 15086
Phone: 724.772.2555
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Indoor Black Package



Outdoor Black Package



Real black LED for New Outdoor 4mm

Specifications are subject to change without notice due to continual development.

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