

Direct View LED Displays



	FE Series (Indoor)						
NEC Model Number	LED-FE009i2	LED-FE012i2	LED-FE015i2	LED-FE019i2	LED-FE025i2	LED-FE031i2	LED-FE038i2
Module Resolution	640 x 360	480 X 270	384 x 216	320 x 180	240 x 135	192 x 108	160 x 90
Pixel Configuration	4-1 IMD (Black)		3-1 SMD (Black)				
Pixel Pitch	0.95 mm	1.26 mm	1.58 mm	1.9 mm	2.53 mm	3.16 mm	3.8 mm
Brightness (typical)	600 cd/m ²		700 cd/m ²		1000 cd/m ²		
Contrast Ratio (typical)	5000:1		4000:1		5000:1		
Viewing Angle (typical)	70/70 horizontal / 70/70 vertical		80/80 horizontal / 80/80 vertical		80/80 horizontal / 70/70 vertical		
Refresh Rate	Up to 3840 Hz						
Orientation	Landscape						
Dimming Capability	256 levels						
Color Processing	Up to 16 bit						
Displayable Colors	281 Trillion						
Lifetime	100,000 hours						
External Control	RS232 / USB						
Input Terminals	Digital: 1x 1000BaseT RJ-45			1x 1000BaseT RJ-45			
Power Consumption (typical)	80 Watts	66 Watts	57 Watts		47 Watts		
Power Consumption (max)	150 Watts	125 Watts	125 Watts	125 Watts	120 Watts	120 Watts	120 Watts
Dimensions (WxHxD) w/out stand	23.9 x 13.5 x 1.9 in.						
Weight w/out stand	19.4 lbs.						
Operating Temperature	-4° to 104°F / -20° to 40°C						
Operating Humidity	10% to 80%						
Storage Temperature	-4° to 113°F / -20° to 45°C						
Storage Humidity	10% to 85%						
Environment	Indoor						
Limited Warranty (parts & labor)	3 years						



	FE Series Kits (Indoor)								
NEC Model Number	LED-FE009i2-104 / LED-FE009i2-165		LED-FE012i2-220 / LED-FE012i2-110		LED-FE015i2-137		LED-FE019i2-165 / LED-FE019i2-110		LED-FE025i2-220
Module Resolution	640 x 360		480 X 270		384 x 216		320 x 180		240 x 135
Pixel Configuration	4-1 IMD (Black)		3-1 SMD (Black)						
Pixel Pitch	0.95 mm		1.26 mm		1.58 mm		1.9 mm		2.53 mm
Brightness (typical)	600 cd/m ²		700 cd/m ²						1000 cd/m ²
Contrast Ratio (typical)	5000:1								
Viewing Angle (typical)	70/70 horizontal / 70/70 vertical		80/80 horizontal / 80/80 vertical				80/80 horizontal / 70/70 vertical		
Refresh Rate	Up to 3840 Hz								
Orientation	Landscape								
Dimming Capability	256 levels								
Color Processing	Up to 16 bit								
Displayable Colors	281 Trillion								
Lifetime	100,000 hours								
External Control	RS232 / USB		1 x GenLock; 1 x LAN						
Input Terminals	Digital: 1x 1000BaseT RJ-45		1 x 3G SDI; 1 x DVI-D; 1 x HDMI						
Power Consumption (typical)	960 Watts	2880 Watts	4224 Watts	1056 Watts	1425 Watts	2052 Watts	912 Watts	3008 Watts	
Power Consumption (max)	1800 Watts	5400 Watts	8000 Watts	2000 Watts	3125 Watts	4500 Watts	2000 Watts	7680 Watts	
Dimensions (WxHxD) w/out stand	97.3 x 42 x 3.2 in.	143.4 x 85.5 x 3.2 in.	193.1 x 112.4 x 3.2 in.	95.6 x 58.6 x 3.2 in.	119.5 x 72 x 3.2 in.	143.4 x 85.5 x 1.9 in.	95.6 x 58.6 x 3.2 in.	193.1 x 112.4 x 3.2 in.	
Weight w/out stand	232.8 lbs.	861.6 lbs.	1245.7 lbs.	313 lbs.	490.2 lbs.	701.2 lbs.	313.1 lbs.	1245.7 lbs.	
Operating Temperature	-4° to 104°F / -20° to 40°C								
Operating Humidity	10% to 80%								
Storage Temperature	-4° to 113°F / -20° to 45°C								
Storage Humidity	10% to 85%								
Environment	Indoor								
Limited Warranty (parts & labor)	3 years								

Direct View LED Displays



	FC Series (Indoor)		
NEC Model Number	LED-FC009i	LED-FC012i	LED-FC015i
Module Resolution	640 x 360	480 X 270	384 x 216
Pixel Configuration	Flip Chip COB		
Pixel Pitch	0.95 mm	1.26 mm	1.58 mm
Brightness (typical)	800 cd/m ²		
Contrast Ratio (typical)	20000:1		
Viewing Angle (typical)	780/80 horizontal / 75/75 vertical	80/80 horizontal / 80/80 vertical	
Refresh Rate	Up to 3840 Hz		
Orientation	Landscape		
Dimming Capability	256 levels		
Color Processing	Up to 16 bit		
Displayable Colors	281 Trillion		
Lifetime	100,000 hours		
External Control	RS232 / USB		
Input Terminals	Digital: 1x 1000BaseT RJ-45		
Power Consumption (typical)	28 Watts	40 Watts	36 Watts
Power Consumption (max)	60 Watts	70 Watts	65 Watts
Dimensions (WxHxD) w/out stand	23.9 x 13.5 x 1.9 in.		
Weight w/out stand	15.4 lbs.		
Operating Temperature	-4° to 104°F / -20° to 40°C		
Operating Humidity	10% to 80%		
Storage Temperature	-4° to 113°F / -20° to 45°C		
Storage Humidity	10% to 85%		
Environment	Indoor		
Limited Warranty (parts & labor)	3 years		

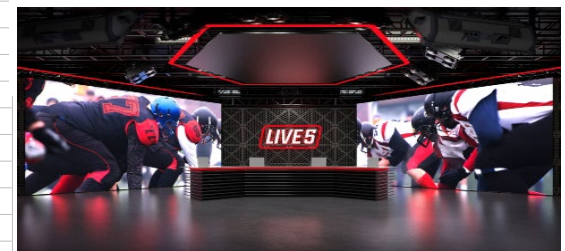
	FC Series Kits (Indoor)		
NEC Model Number	LED-FC009i-165	LED-FC012i-110 / LED-FC012i-220	LED-FC015i-137
Module Resolution	640 x 360	480 X 270	384 x 216
Pixel Configuration	Flip Chip COB		
Pixel Pitch	0.95 mm	1.26 mm	1.58 mm
Brightness (typical)	800 cd/m ²		
Contrast Ratio (typical)	20000:1		
Viewing Angle (typical)	780/80 horizontal / 75/75 vertical	80/80 horizontal / 80/80 vertical	
Refresh Rate	Up to 3840 Hz		
Orientation	Landscape		
Dimming Capability	256 levels		
Color Processing	Up to 16 bit		
Displayable Colors	281 Trillion		
Lifetime	100,000 hours		
External Control	RS232 / USB		
Input Terminals	Digital: 1x 1000BaseT RJ-45		
Power Consumption (typical)	1008 Watts	640 Watts	1120 Watts
Power Consumption (max)	2160 Watts	2560 Watts	4480 Watts
Dimensions (WxHxD) w/out stand	143.4 x 85.6 x 1.9 in.	95.6 x 13.5 x 1.9 in.	191.2 x 108 x 1.9 in.
Weight w/out stand	553.3 lbs.	246.9 lbs.	983.2 lbs.
Operating Temperature	-4° to 104°F / -20° to 40°C		
Operating Humidity	10% to 80%		
Storage Temperature	-4° to 113°F / -20° to 45°C		
Storage Humidity	10% to 85%		
Environment	Indoor		
Limited Warranty (parts & labor)	3 years		



Direct View LED Displays



	FA Series (Indoor)						
NEC Model Number	LED-FA009i2	LED-FA012i2	LED-FA015i2	LED-FA019i2	LED-FA025i2	LED-FA031i2	LED-FA038i2
Module Resolution	640 x 360	480 X 270	384 x 216	320 x 180	240 x 135	192 x 108	160 x 90
Pixel Configuration	4-1 IMD (Black)		3-1 SMD (Black)				
Pixel Pitch	0.95 mm	1.26 mm	1.58 mm	1.9 mm	2.53 mm	3.16 mm	3.8 mm
Brightness (typical)	600 cd/m ²		800 cd/m ²		1200 cd/m ²		
Contrast Ratio (typical)	5000:1				7000:1		
Viewing Angle (typical)	70/70 horizontal / 70/70 vertical		85/85 horizontal / 85/85 vertical		80/80 horizontal / 70/70 vertical		
Refresh Rate	Up to 3840 Hz						
Orientation	Landscape						
Dimming Capability	256 levels						
Color Processing	Up to 16 bit						
Displayable Colors	281 Trillion						
Lifetime	100,000 hours						
External Control	RS232 / USB						
Input Terminals	Digital: 2x 1000BaseT RJ-45						
Power Consumption (typical)	80 Watts	66 Watts	57 Watts		47 Watts		
Power Consumption (max)	150 Watts	125 Watts		120 Watts			
Dimensions (WxHxD) w/out stand	23.9 x 13.5 x 1.9 in.						
Weight w/out stand	19.4l bs.						
Operating Temperature	-4° to 104°F / -20° to 40°C						
Operating Humidity	10% to 80%						
Storage Temperature	-4° to 113°F / -20° to 45°C						
Storage Humidity	10% to 85%						
Environment	Indoor						
Limited Warranty (parts & labor)	3 years						



LED-FA012i2 and LED-FA015i2 also available in super black

	FA Series Kits (Indoor)						
NEC Model Number	LED-FA009i2-165	LED-FA012i2-110 / LED-FA012i2-220		LED-FA015i2-137	LED-FA019i2-110 / LED-FA019i2-65		LED-FA025i2-220
Module Resolution	640 x 360	480 X 270		384 x 216	320 x 180		240 x 135
Pixel Configuration	4-1 IMD (Black)			3-1 SMD (Black)			
Pixel Pitch	0.95 mm	1.26 mm		1.58 mm	1.9 mm		2.53 mm
Brightness (typical)	600 cd/m ²		800 cd/m ²		1200 cd/m ²		
Contrast Ratio (typical)	5000:1				7000:1		
Viewing Angle (typical)	70/70 horizontal / 70/70 vertical		85/85 horizontal / 85/85 vertical		80/80 horizontal / 70/70 vertical		
Refresh Rate	Up to 3840 Hz						
Orientation	Landscape						
Dimming Capability	256 levels						
Color Processing	Up to 16 bit						
Displayable Colors	281 Trillion						
Lifetime	100,000 hours						
External Control	1 x GenLock; 1 x LAN						
Input Terminals	1 x 3G SDI; 1 x DVI-D; 1 x HDMI						
Power Consumption (typical)	2880 Watts	1056 Watts	4224 Watts	1425 Watts	912 Watts	2052 Watts	3008 Watts
Power Consumption (max)	5400 Watts	2000 Watts	8000 Watts	3125 Watts	2000 Watts	4500 Watts	7680 Watts
Dimensions (WxHxD) w/out stand	143.4x 85.5 x 3.2 in.	95.6 x 58.6 x 3.2 in.	193.1 x 112.4 x 3.2 in.	119.5 x 72 x 3.2 in.	95.6 x 58.6 x 3.2 in.	143.4 x 85.5 x 3.2 in.	193.1 x 112.4 x 3.2 in.
Weight w/out stand	861.6 lbs.	313.1 lbs.	1245.7 lbs.	416.7 lbs.	313.1 lbs.	701.2 lbs.	1245.7 lbs.
Operating Temperature	-4° to 104°F / -20° to 40°C						
Operating Humidity	10% to 80%						
Storage Temperature	-4° to 113°F / -20° to 45°C						
Storage Humidity	10% to 85%						
Environment	Indoor						
Limited Warranty (parts & labor)	3 years						

All specifications are subject to change without notice

Visit www.sharpeccdisplays.us for more information

Direct View LED Displays



	E Series (Indoor)		
	LED-E012i	LED-E015i	LED-E018i
NEC Model Number			
Module Resolution	480 X 270	384 x 216	320 x 180
Pixel Configuration	3-1 SMD (Black)		
Pixel Pitch	1.25 mm	1.56 mm	1.875 mm
Brightness (typical)	600 cd/m ²		
Contrast Ratio (typical)	5000:1	4000:1	5000:1
Viewing Angle (typical)	85/85 horizontal / 80/80 vertical	70/70 horizontal / 70/70 vertical	
Refresh Rate	Up to 3840 Hz		
Orientation	Landscape		
Dimming Capability	256 levels		
Color Processing	Up to 16 bit		
Displayable Colors	281 Trillion		
Lifetime	100,000 hours		
External Control	RS232 / USB		
Input Terminals	Digital: 1x 1000BaseT RJ-45		
Power Consumption (typical)	59 Watts	40 Watts	43 Watts
Power Consumption (max)	125 Watts		
Dimensions (WxHxD) with stand	23.6 x 13.3 x 1.1 in.		
Weight	10.4 lbs.		
Operating Temperature	-4° to 104°F / -20° to 40°C		
Operating Humidity	10% to 80%		
Storage Temperature	-4° to 113°F / -20° to 45°C		
Storage Humidity	10% to 85%		
Environment	Indoor		
Limited Warranty (parts & labor)	2 years		



LED Installation Service
Standard LED Installation available for 4x4, 5x5, 6x6 and 8x8 Configurations



LED Site Survey
Onsite Survey for LED Installations



	E Series Kits (Indoor)				
	LED-E012i-108 / LED-E012i-217	LED-E015i-135	LED-E018i-162	LED-E025i-217	
NEC Model Number					
Module Resolution	480 X 270		320 x 180		
Pixel Configuration	3-1 SMD (Black)				
Pixel Pitch	1.25 mm	1.56 mm	1.875 mm	2.5 mm	
Brightness (typical)	600 cd/m ²		800 cd/m ²	1000 cd/m ²	
Contrast Ratio (typical)	5000:1	4000:1	5000:1	7000:1	
Viewing Angle (typical)	85/85 horizontal / 80/80 vertical	70/70 horizontal / 70/70 vertical		80/80 horizontal / 80/75 vertical	
Refresh Rate	Up to 3840 Hz				
Orientation	Landscape				
Dimming Capability	256 levels				
Color Processing	Up to 16 bit			Up to 18 bit	
Displayable Colors	281 Trillion				
Lifetime	100,000 hours				
External Control	1 x GenLock; 1 x LAN				
Input Terminals	1 x 3G SDI; 1 x DVI-D; 1 x HDMI				
Power Consumption (typical)	944 Watts	3776 Watts	1000 Watts	1548 Watts	2560 Watts
Power Consumption (max)	2000 Watts	8000 Watts	3125 Watts	4500 Watts	8000 Watts
Dimensions (WxHxD) with stand	94.4 x 53.2 x 1.1 in.	188.8 x 106.4 x 1.1 in.	118.6 x 66.5 x 1.1 in.	142.2 x 83.9 x 1.1 in.	188.8 x 106.4 x 1.1 in.
Weight	166.4 lbs.	665.6 lbs.	259.1 lbs.	373.1 lbs.	665.6 lbs.
Operating Temperature	-4° to 104°F / -20° to 40°C				
Operating Humidity	10% to 80%				
Storage Temperature	-4° to 113°F / -20° to 45°C				
Storage Humidity	10% to 85%				
Environment	Indoor				
Limited Warranty (parts & labor)	2 years				