

Direct View LED Displays



	FE Series (Indoor)				
NEC Model Number	LED-FE009i2	LED-FE012i2	LED-FE015i2	LED-FE019i2	LED-FE025i2
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)	3-1 SMD (Black)	3-1 SMD (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	700 cd/m ²	700 cd/m ²	1000 cd/m ²
Contrast Ratio (typical)	5000:1	4000:1	4000:1	4000:1	5000:1
Viewing Angle (typical)	70/70 horizontal / 70/70 vertical	80/80 horizontal / 80/80 vertical	80/80 horizontal / 80/80 vertical	80/80 horizontal / 80/80 vertical	80/80 horizontal / 70/70 vertical
Refresh Rate	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz
Orientation	Landscape	Landscape	Landscape	Landscape	Landscape
Diming Capability	256 levels	256 levels	256 levels	256 levels	256 levels
Color Processing	Up to 16 bit	Up to 16 bit	Up to 16 bit	Up to 16 bit	Up to 16 bit
Displayable Colors	281 Trillion	281 Trillion	281 Trillion	281 Trillion	281 Trillion
Lifetime	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours
External Control	RS232 / USB	RS232 / USB	RS232 / USB	RS232 / USB	RS232 / USB
Input Terminals	Digital: 1x 1000BaseT RJ-45 External Controls: RS232 / USB				
Power Consumption (typical)	80 Watts	66 Watts	57 Watts	57 Watts	47 Watts
Power Consumption (max)	150 Watts	125 Watts	125 Watts	125 Watts	120 Watts
Dimensions (WxHxD) w/out stand	23.9 x 13.5 x 1.9 in.	23.9 x 13.5 x 1.9 in.	23.9 x 13.5 x 1.9 in.	23.9 x 13.5 x 1.9 in.	23.9 x 13.5 x 1.9 in.
Weight w/out stand	19.4 lbs. / 8.8 kg.	19.4 lbs. / 8.8 kg.	19.4 lbs. / 8.8 kg.	19.4 lbs. / 8.8 kg.	19.4 lbs. / 8.8 kg.
Operating Temperature	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C
Operating Humidity	10% to 80%	10% to 80%	10% to 80%	10% to 80%	10% to 80%
Storage Temperature	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C
Storage Humidity	10% to 85%	10% to 85%	10% to 85%	10% to 85%	10% to 85%
Environment	Indoor	Indoor	Indoor	Indoor	Indoor

	FE Series (Indoor)				
NEC Model Number	LED-FE031i2	LED-FE038i2	LED-FE012i3	LED-FE015i3	LED-FE019i3
Module Resolution	192 x 108	160 x 90	480 X 270	384 x 216	320 x 180
Pixel Configuration	3-1 SMD (Black)	3-1 SMD (Black)	3 in 1 Flip Chip SMD	3 in 1 Flip Chip SMD	3 in 1 Flip Chip SMD
Pixel Pitch	3.16 mm	3.8 mm	1.26 mm	1.58 mm	1.9 mm
Brightness (typical)	1000 cd/m ²	1000 cd/m ²	700 cd/m ²	700 cd/m ²	700 cd/m ²
Contrast Ratio (typical)	5000:1	5000:1	8000:1	8000:1	8000:1
Viewing Angle (typical)	80/80 horizontal / 70/70 vertical	80/80 horizontal / 70/70 vertical	85/85 horizontal / 80/80 vertical	85/85 horizontal / 80/80 vertical	85/85 horizontal / 80/80 vertical
Refresh Rate	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz
Orientation	Landscape	Landscape	Landscape	Landscape	Landscape
Diming Capability	256 levels	256 levels	256 levels	256 levels	256 levels
Color Processing	Up to 16 bit	Up to 16 bit	Up to 16 bit	Up to 16 bit	Up to 16 bit
Displayable Colors	281 Trillion	281 Trillion	281 Trillion	281 Trillion	281 Trillion
Lifetime	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours
External Control	RS232 / USB	RS232 / USB	RS232 / USB	RS232 / USB	RS232 / USB
Input Terminals	Digital: 1x 1000BaseT RJ-45 External Controls: RS232 / USB				
Power Consumption (typical)	47 Watts	47 Watts	22 Watts	22 Watts	22 Watts
Power Consumption (max)	120 Watts	120 Watts	38 Watts	38 Watts	38 Watts
Dimensions (WxHxD) w/out stand	23.9 x 13.5 x 1.9 in.	23.9 x 13.5 x 1.9 in.	23.9 x 13.5 x 1.9 in.	23.9 x 13.5 x 1.9 in.	23.9 x 13.5 x 1.9 in.
Weight w/out stand	19.4 lbs. / 8.8 kg.	19.4 lbs. / 8.8 kg.	19.4 lbs. / 8.8 kg.	19.4 lbs. / 8.8 kg.	19.4 lbs. / 8.8 kg.
Operating Temperature	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C
Operating Humidity	10% to 80%	10% to 80%	10% to 80%	10% to 80%	10% to 80%
Storage Temperature	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C
Storage Humidity	10% to 85%	10% to 85%	10% to 85%	10% to 85%	10% to 85%
Environment	Indoor	Indoor	Indoor	Indoor	Indoor
Limited Warranty (parts & labor)	3 years	3 years	3 years	3 years	3 years

Direct View LED Displays



	FE Series Kits (Indoor)					
NEC Model Number	LED-FE009i2-104	LED-FE009i2-165	LED-FE012i2-220	LED-FE012i2-110	LED-FE015i2-137	LED-FE025i2-220
Module Resolution	640 x 360	640 x 360	480 X 270	480 X 270	384 x 216	240 x 135
Pixel Configuration	4-1 IMD (Black)	4-1 IMD (Black)	3-1 SMD (Black)	3-1 SMD (Black)	3-1 SMD (Black)	3-1 SMD (Black)
Pixel Pitch	0.95 mm	0.95 mm	1.26 mm	1.26 mm	1.58 mm	2.53 mm
Brightness (typical)	600 cd/m ²	600 cd/m ²	700 cd/m ²	700 cd/m ²	700 cd/m ²	1000 cd/m ²
Contrast Ratio (typical)	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1
Viewing Angle (typical)	70/70 horizontal / 70/70 vertical	70/70 horizontal / 70/70 vertical	80/80 horizontal / 80/80 vertical	80/80 horizontal / 80/80 vertical	80/80 horizontal / 80/80 vertical	80/80 horizontal / 70/70 vertical
Refresh Rate	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz
Orientation	Landscape	Landscape	Landscape	Landscape	Landscape	Landscape
Diming Capability	256 levels	256 levels	256 levels	256 levels	256 levels	256 levels
Color Processing	Up to 16 bit	Up to 16 bit	Up to 16 bit	Up to 16 bit	Up to 16 bit	Up to 16 bit
Displayable Colors	281 Trillion	281 Trillion	281 Trillion	281 Trillion	281 Trillion	281 Trillion
Lifetime	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours
External Control	1 x GenLock; 1 x LAN	1 x GenLock; 1 x LAN	1 x GenLock; 1 x LAN	1 x GenLock; 1 x LAN	1 x GenLock; 1 x LAN	1 x GenLock; 1 x LAN
Input Terminals	1 x 3G SDI; 1 x DVI-D; 1 x HDMI External Controls: RS232 / USB					
Power Consumption (typical)	960 Watts	2880 Watts	4224 Watts	1056 Watts	1425 Watts	3008 Watts
Power Consumption (max)	1800 Watts	5400 Watts	8000 Watts	2000 Watts	3125 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.	193.1 x 112.4 x 3.2 in.
Weight w/out stand	232.8 lbs.	860.6 lbs.	1245.7 lbs.	313 lbs.	490.2 lbs.	1245.7 lbs.
Operating Temperature	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C
Operating Humidity	10% to 80%	10% to 80%	10% to 80%	10% to 80%	10% to 80%	10% to 80%
Storage Temperature	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C
Storage Humidity	10% to 85%	10% to 85%	10% to 85%	10% to 85%	10% to 85%	10% to 85%
Environment	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
Limited Warranty (parts & labor)	3 years	3 years	3 years	3 years	3 years	3 years

	FE Series Kits (Indoor)					
NEC Model Number	LED-FE019i2-165	LED-FE019i2-110	LED-FE012i3-220	LED-FE012i3-110	LED-FE015i3-137	LED-FE019i3-165
Module Resolution	320 x 180	320 x 180	480 X 270	480 X 270	384 x 216	320 x 180
Pixel Configuration	3-1 SMD (Black)	3-1 SMD (Black)	3 in 1 Flip Chip SMD	3 in 1 Flip Chip SMD	3 in 1 Flip Chip SMD	3 in 1 Flip Chip SMD
Pixel Pitch	1.9 mm	1.9 mm	1.2 mm	1.2 mm	1.58 mm	1.9 mm
Brightness (typical)	700 cd/m ²	700 cd/m ²	700 cd/m ²	700 cd/m ²	700 cd/m ²	700 cd/m ²
Contrast Ratio (typical)	5000:1	5000:1	8000:1	8000:1	8000:1	8000:1
Viewing Angle (typical)	80/80 horizontal / 80/80 vertical	80/80 horizontal / 80/80 vertical	85/85 horizontal / 80/80 vertical	85/85 horizontal / 80/80 vertical	85/85 horizontal / 80/80 vertical	85/85 horizontal / 80/80 vertical
Refresh Rate	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz
Orientation	Landscape	Landscape	Landscape	Landscape	Landscape	Landscape
Diming Capability	256 levels	256 levels	256 levels	256 levels	256 levels	256 levels
Color Processing	Up to 16 bit	Up to 16 bit	Up to 16 bit	Up to 16 bit	Up to 16 bit	Up to 16 bit
Displayable Colors	281 Trillion	281 Trillion	281 Trillion	281 Trillion	281 Trillion	281 Trillion
Lifetime	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours
External Control	1 x GenLock; 1 x LAN	1 x GenLock; 1 x LAN	1 x GenLock; 1 x LAN	1 x GenLock; 1 x LAN	1 x GenLock; 1 x LAN	1 x GenLock; 1 x LAN
Input Terminals	1 x 3G SDI; 1 x DVI-D; 1 x HDMI External Controls: RS232 / USB					
Power Consumption (typical)	2052 Watts	912 Watts	1056 Watts	352 Watts	550 Watts	792 Watts
Power Consumption (max)	4500 Watts	2000 Watts	1824 Watts	608 Watts	950 Watts	1368 Watts
Dimensions (WxHxD) w/out stand	143.4 x 85.5 x 1.9 in.	95.6 x 58.6 x 3.2 in.	192 x 111.9 x 3.1 in.	96.2 x 58.1 x 3.1 in.	120.2 x 71.6 x 3.1 in.	144.1 x 85 x 3.1 in.
Weight w/out stand	701.2 lbs.	313.1 lbs.	401.3 lbs.	1453.3 lbs.	615.1 lbs.	861.6 lbs.
Operating Temperature	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C
Operating Humidity	10% to 80%	10% to 80%	10% to 80%	10% to 80%	10% to 80%	10% to 80%
Storage Temperature	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C
Storage Humidity	10% to 85%	10% to 85%	10% to 85%	10% to 85%	10% to 85%	10% to 85%
Environment	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
Limited Warranty (parts & labor)	3 years	3 years	3 years	3 years	3 years	3 years

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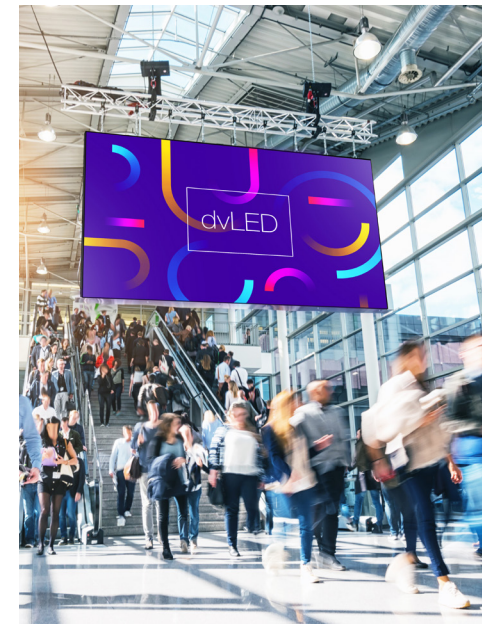
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	FC Series (Indoor)		
NEC Model Number	LED-FC009i	LED-FC012i	LED-FC015i
Module Resolution	640 x 360	480 X 270	384 x 216
Pixel Configuration	Flip Chip COB	Flip Chip COB	Flip Chip COB
Pixel Pitch	0.95 mm	1.26 mm	1.58 mm
Brightness (typical)	800 cd/m ²	800 cd/m ²	800 cd/m ²
Contrast Ratio (typical)	20000:1	20000:1	20000:1
Viewing Angle (typical)	80/80 horizontal / 75/75 vertical	80/80 horizontal / 80/80 vertical	80/80 horizontal / 80/80 vertical
Refresh Rate	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz
Orientation	Landscape	Landscape	Landscape
Dimming Capability	256 levels	256 levels	256 levels
Color Processing	Up to 16 bit	Up to 16 bit	Up to 16 bit
Displayable Colors	281 Trillion	281 Trillion	281 Trillion
Lifetime	100,000 hours	100,000 hours	100,000 hours
External Control	RS232 / USB	RS232 / USB	RS232 / USB
Input Terminals	Digital: 1x 1000BaseT RJ-45 External Controls: RS232 / USB		
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.	23.9 x 13.5 x 1.9 in.	23.9 x 13.5 x 1.9 in.
Weight w/out stand	15.4 lbs.	15.4 lbs.	15.4 lbs.
Operating Temperature	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C
Operating Humidity	10% to 80%	10% to 80%	10% to 80%
Storage Temperature	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C
Storage Humidity	10% to 85%	10% to 85%	10% to 85%
Environment	Indoor	Indoor	Indoor
Limited Warranty (parts & labor)	3 years	3 years	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	480 X 270	384 x 216
Pixel Configuration	Flip Chip COB	Flip Chip COB	Flip Chip COB	Flip Chip COB
Pixel Pitch	0.95 mm	1.26 mm	1.26 mm	1.58 mm
Brightness (typical)	800 cd/m ²	800 cd/m ²	800 cd/m ²	800 cd/m ²
Contrast Ratio (typical)	20000:1	20000:1	20000:1	20000:1
Viewing Angle (typical)	80/80 horizontal / 75/75 vertical	80/80 horizontal / 80/80 vertical	80/80 horizontal / 80/80 vertical	80/80 horizontal / 80/80 vertical
Refresh Rate	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz
Orientation	Landscape	Landscape	Landscape	Landscape
Dimming Capability	256 levels	256 levels	256 levels	256 levels
Color Processing	Up to 16 bit	Up to 16 bit	Up to 16 bit	Up to 16 bit
Displayable Colors	281 Trillion	281 Trillion	281 Trillion	281 Trillion
Lifetime	100,000 hours	100,000 hours	100,000 hours	100,000 hours
External Control	RS232 / USB	RS232 / USB	RS232 / USB	RS232 / USB
Input Terminals	Digital: 1x 1000BaseT RJ-45 External Controls: RS232 / USB			
Power Consumption (typical)	1008 Watts	640 Watts	1120 Watts	900 Watts
Power Consumption (max)	2160 Watts	2560 Watts	4480 Watts	1625 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.	119.5 x 67.5 x 1.9 in.
Weight w/out stand	553.3 lbs.	246.9 lbs.	983.2 lbs.	385.7 lbs.
Operating Temperature	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C
Operating Humidity	10% to 80%	10% to 80%	10% to 80%	10% to 80%
Storage Temperature	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C
Storage Humidity	10% to 85%	10% to 85%	10% to 85%	10% to 85%
Environment	Indoor	Indoor	Indoor	Indoor
Limited Warranty (parts & labor)	3 years	3 years	3 years	3 years



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	FA Series (Indoor)			
NEC Model Number	LED-FA009i2	LED-FA012i2	LED-FA015i2	LED-FA019i2
Module Resolution	640 x 360	480 X 270	384 x 216	320 x 180
Pixel Configuration	4-1 IMD (Black)	3-1 SMD (Black)	3-1 SMD (Black)	3-1 SMD (Black)
Pixel Pitch	0.95 mm	1.26 mm	1.58 mm	1.9 mm
Brightness (typical)	600 cd/m ²	800 cd/m ²	800 cd/m ²	800 cd/m ²
Contrast Ratio (typical)	5000:1	5000:1	5000:1	5000:1
Viewing Angle (typical)	70/70 horizontal / 70/70 vertical	85/85 horizontal / 85/85 vertical	85/85 horizontal / 85/85 vertical	85/85 horizontal / 85/85 vertical
Refresh Rate	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz
Orientation	Landscape	Landscape	Landscape	Landscape
Diming Capability	256 levels	256 levels	256 levels	256 levels
Color Processing	Up to16 bit	Up to16 bit	Up to16 bit	Up to16 bit
Displayable Colors	281 Trillion	281 Trillion	281 Trillion	281 Trillion
Lifetime	100,000 hours	100,000 hours	100,000 hours	100,000 hours
External Control	RS232 / USB	RS232 / USB	RS232 / USB	RS232 / USB
Input Terminals	Digital: 2x 1000BaseT RJ-45 External Controls: RS232 / USB			
Power Consumption (typical)	80 Watts	66 Watts	57 Watts	57 Watts
Power Consumption (max)	150 Watts	125 Watts	125 Watts	125 Watts
Dimensions (WxHxD) w/out stand	23.9 x 13.5 x 1.9 in.	23.9 x 13.5 x 1.9 in.	23.9 x 13.5 x 1.9 in.	23.9 x 13.5 x 1.9 in.
Weight w/out stand	19.4l bs.	19.4l bs.	19.4l bs.	19.4l bs.
Operating Temperature	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C
Operating Humidity	10% to 80%	10% to 80%	10% to 80%	10% to 80%
Storage Temperature	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C
Storage Humidity	10% to 85%	10% to 85%	10% to 85%	10% to 85%
Environment	Indoor	Indoor	Indoor	Indoor
Limited Warranty (parts & labor)	3 years	3 years	3 years	3 years



	FA Series (Indoor)		
NEC Model Number	LED-FA025i2	LED-FA031i2	LED-FA038i2
Module Resolution	240 x 135	192 x 108	160 x 90
Pixel Configuration	3-1 SMD (Black)	3-1 SMD (Black)	3-1 SMD (Black)
Pixel Pitch	2.53 mm	3.16 mm	3.8 mm
Brightness (typical)	1200 cd/m ²	1200 cd/m ²	1200 cd/m ²
Contrast Ratio (typical)	7000:1	7000:1	7000:1
Viewing Angle (typical)	80/80 horizontal / 70/70 vertical	80/80 horizontal / 70/70 vertical	80/80 horizontal / 70/70 vertical
Refresh Rate	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz
Orientation	Landscape	Landscape	Landscape
Diming Capability	256 levels	256 levels	256 levels
Color Processing	Up to16 bit	Up to16 bit	Up to16 bit
Displayable Colors	281 Trillion	281 Trillion	281 Trillion
Lifetime	100,000 hours	100,000 hours	100,000 hours
External Control	RS232 / USB	RS232 / USB	RS232 / USB
Input Terminals	Digital: 2x 1000BaseT RJ-45 External Controls: RS232 / USB		
Power Consumption (typical)	47 Watts	47 Watts	47 Watts
Power Consumption (max)	120 Watts	120 Watts	120 Watts
Dimensions (WxHxD) w/out stand	23.9 x 13.5 x 1.9 in.	23.9 x 13.5 x 1.9 in.	23.9 x 13.5 x 1.9 in.
Weight w/out stand	19.4l bs.	19.4l bs.	19.4l bs.
Operating Temperature	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C
Operating Humidity	10% to 80%	10% to 80%	10% to 80%
Storage Temperature	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C
Storage Humidity	10% to 85%	10% to 85%	10% to 85%
Environment	Indoor	Indoor	Indoor
Limited Warranty (parts & labor)	3 years	3 years	3 years



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	FA Series Kits (Indoor)			
NEC Model Number	LED-FA009i2-165	LED-FA012i2-110	LED-FA012i2-220	LED-FA015i2-137
Module Resolution	640 x 360	480 X 270	480 X 270	384 x 216
Pixel Configuration	4-1 IMD (Black)	3-1 SMD (Black)	3-1 SMD (Black)	3-1 SMD (Black)
Pixel Pitch	0.95 mm	1.26 mm	1.26 mm	1.58 mm
Brightness (typical)	600 cd/m ²	800 cd/m ²	800 cd/m ²	800 cd/m ²
Contrast Ratio (typical)	5000:1	5000:1	5000:1	5000:1
Viewing Angle (typical)	70/70 horizontal / 70/70 vertical	85/85 horizontal / 85/85 vertical	85/85 horizontal / 85/85 vertical	85/85 horizontal / 85/85 vertical
Refresh Rate	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz
Orientation	Landscape	Landscape	Landscape	Landscape
Diming Capability	256 levels	256 levels	256 levels	256 levels
Color Processing	Up to16 bit	Up to16 bit	Up to16 bit	Up to16 bit
Displayable Colors	281 Trillion	281 Trillion	281 Trillion	281 Trillion
Lifetime	100,000 hours	100,000 hours	100,000 hours	100,000 hours
External Control	1 x GenLock; 1 x LAN	1 x GenLock; 1 x LAN	1 x GenLock; 1 x LAN	1 x GenLock; 1 x LAN
Input Terminals	Digital: 1 x 3G SDI; 1 x DVI-D; 1 x HDMI External Controls: RS232 / USB			
Power Consumption (typical)	2880 Watts	1056 Watts	4224 Watts	1425 Watts
Power Consumption (max)	5400 Watts	2000 Watts	8000 Watts	3125 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.
Weight w/out stand	861.6 lbs.	313.1 lbs.	1245.7 lbs.	416.7 lbs.
Operating Temperature	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C
Operating Humidity	10% to 80%	10% to 80%	10% to 80%	10% to 80%
Storage Temperature	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C
Storage Humidity	10% to 85%	10% to 85%	10% to 85%	10% to 85%
Environment	Indoor	Indoor	Indoor	Indoor
Limited Warranty (parts & labor)	3 years	3 years	3 years	3 years



	FA Series Kits (Indoor)		
NEC Model Number	LED-FA019i2-110	LED-FA019i2-65	LED-FA025i2-220
Module Resolution	320 x 180	320 x 180	240 x 135
Pixel Configuration	3-1 SMD (Black)	3-1 SMD (Black)	3-1 SMD (Black)
Pixel Pitch	1.9 mm	1.9 mm	2.53 mm
Brightness (typical)	800 cd/m ²	800 cd/m ²	1200 cd/m ²
Contrast Ratio (typical)	5000:1	5000:1	7000:1
Viewing Angle (typical)	85/85 horizontal / 85/85 vertical	85/85 horizontal / 85/85 vertical	80/80 horizontal / 70/70 vertical
Refresh Rate	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz
Orientation	Landscape	Landscape	Landscape
Diming Capability	256 levels	256 levels	256 levels
Color Processing	Up to16 bit	Up to16 bit	Up to16 bit
Displayable Colors	281 Trillion	281 Trillion	281 Trillion
Lifetime	100,000 hours	100,000 hours	100,000 hours
External Control	1 x GenLock; 1 x LAN	1 x GenLock; 1 x LAN	1 x GenLock; 1 x LAN
Input Terminals	Digital: 1 x 3G SDI; 1 x DVI-D; 1 x HDMI External Controls: RS232 / USB		
Power Consumption (typical)	912 Watts	2052 Watts	3008 Watts
Power Consumption (max)	2000 Watts	4500 Watts	7680 Watts
Dimensions (WxHxD) w/out stand	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	313.1 lbs.	701.2 lbs.	1245.7 lbs.
Operating Temperature	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C
Operating Humidity	10% to 80%	10% to 80%	10% to 80%
Storage Temperature	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C
Storage Humidity	10% to 85%	10% to 85%	10% to 85%
Environment	Indoor	Indoor	Indoor
Limited Warranty (parts & labor)	3 years	3 years	3 years



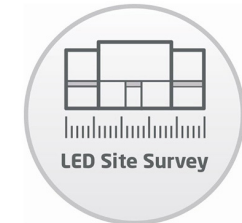
Direct View LED Displays



NEC Model Number	E Series (Indoor)		
	LED-E012i	LED-E015i	LED-E018i
Module Resolution	480 X 270	384 x 216	320 x 180
Pixel Configuration	3-1 SMD (Black)	3-1 SMD (Black)	3-1 SMD (Black)
Pixel Pitch	1.25 mm	1.56 mm	1.875 mm
Brightness (typical)	600 cd/m ²	600 cd/m ²	800 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	70/70 horizontal / 70/70 vertical
Refresh Rate	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz
Orientation	Landscape	Landscape	Landscape
Dimming Capability	256 levels	256 levels	256 levels
Color Processing	Up to 16 bit	Up to 16 bit	Up to 16 bit
Displayable Colors	281 Trillion	281 Trillion	281 Trillion
Lifetime	100,000 hours	100,000 hours	100,000 hours
External Control	RS232 / USB	RS232 / USB	RS232 / USB
Input Terminals	Digital: 1x 1000BaseT RJ-45 External Controls: RS232 / USB		
Power Consumption (typical)	59 Watts	40 Watts	43 Watts
Power Consumption (max)	125 Watts	125 Watts	125 Watts
Dimensions (WxHxD) with stand	23.6 x 13.3 x 1.1 in.	23.6 x 13.3 x 1.1 in.	23.6 x 13.3 x 1.1 in.
Weight	10.4 lbs.	10.4 lbs.	10.4 lbs.
Operating Temperature	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C
Operating Humidity	10% to 80%	10% to 80%	10% to 80%
Storage Temperature	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C
Storage Humidity	10% to 85%	10% to 85%	10% to 85%
Environment	Indoor	Indoor	Indoor
Limited Warranty (parts & labor)	2 years	2 years	2 years



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



Onsite Survey for LED Installations

NEC Model Number	E Series Kits (Indoor)				
	LED-E012i-108	LED-E012i-217	LED-E015i-135	LED-E018i-162	LED-E025i-217
Module Resolution	480 X 270	480 X 270	384 x 216	320 x 180	240 x 135
Pixel Configuration	3-1 SMD (Black)	3-1 SMD (Black)	3-1 SMD (Black)	3-1 SMD (Black)	3-1 SMD (Black)
Pixel Pitch	1.25 mm	1.25 mm	1.56 mm	1.875 mm	2.5 mm
Brightness (typical)	600 cd/m ²	600 cd/m ²	600 cd/m ²	800 cd/m ²	1000 cd/m ²
Contrast Ratio (typical)	5000:1	5000:1	4000:1	5000:1	7000:1
Viewing Angle (typical)	85/85 horizontal / 80/80 vertical	85/85 horizontal / 80/80 vertical	70/70 horizontal / 70/70 vertical	70/70 horizontal / 70/70 vertical	80/80 horizontal / 80/75 vertical
Refresh Rate	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz
Orientation	Landscape	Landscape	Landscape	Landscape	Landscape
Dimming Capability	256 levels	256 levels	256 levels	256 levels	256 levels
Color Processing	Up to 16 bit	Up to 16 bit	Up to 16 bit	Up to 16 bit	Up to 18 bit
Displayable Colors	281 Trillion	281 Trillion	281 Trillion	281 Trillion	281 Trillion
Lifetime	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours
External Control	1 x GenLock; 1 x LAN	1 x GenLock; 1 x LAN	1 x GenLock; 1 x LAN	1 x GenLock; 1 x LAN	1 x GenLock; 1 x LAN
Input Terminals	Digital: 1 x 3G SDI; 1 x DVI-D; 1 x HDMI External Controls: RS232 / USB				
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	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C	-4° to 104°F / -20° to 40°C
Operating Humidity	10% to 80%	10% to 80%	10% to 80%	10% to 80%	10% to 80%
Storage Temperature	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C	-4° to 113°F / -20° to 45°C
Storage Humidity	10% to 85%	10% to 85%	10% to 85%	10% to 85%	10% to 85%
Environment	Indoor	Indoor	Indoor	Indoor	Indoor
Limited Warranty (parts & labor)	2 years	2 years	2 years	2 years	2 years

All specifications are subject to change without notice