

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	0.95mm	1.26mm	1.58mm	1.9mm	2.53mm	3.16mm	3.8mm
Brightness (maximum)	600 cd/m2			800 cd/m2		1200 cd/m2	
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)	75 Watts	57 Watts			47 Watts		
Power Consumption (max)	140 Watts	125 Watts			120 Watts		
Dimensions (WxHxD) w/out stand	23.9 x 13.5 x 1.9 in						
Weight s/out stand	19.4lbs / 8.8kg						
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 (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	0.95mm	1.26mm	1.58mm	1.9mm	2.53mm	3.16mm	3.8mm
Brightness (maximum)	600 cd/m2			770 cd/m2		1100 cd/m2	
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						
Power Consumption (typical)	75 Watts	57 Watts			47 Watts		
Power Consumption (max)	140 Watts	125 Watts			120 Watts		
Dimensions (WxHxD) w/ out stand	23.9 x 13.5 x 1.9 in						
Weight s/out stand	19.4lbs / 8.8kg						
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						

Full HD LED kits are available (includes installation):  
Kit includes everything needed for an LED installation including the LED modules, power bar, dual controllers, mounting structure, overframe kit as well as spare parts and a pixel card removal tool.

### NEC Model Numbers-

- LED-FA012i2-110IN
- LED-FA012i2-220IN
- LED-FA015i2-137IN
- LED-FA019i2-110IN
- LED-FA009i2-165IN
- LED-FA019i2-165IN
- LED-FA012i2-220IN
- LED-FA025i2-220IN
- LED-FE012i2-110IN
- LED-FE012i2-220IN
- LED-FE015i2-137IN
- LED-FE019i2-110IN
- LED-FE009i2-165IN
- LED-FE019i2-165IN
- LED-FE012i2-220IN
- LED-FE025i2-220IN



# NEC Direct View LED Displays

	Q Series (Outdoor)		
NEC Model Number	LED-Q028e2	LED-Q039e2	LED-Q048e2
Module Resolution	176 X 176	128 x 128	104 x 104
Pixel Configuration	3-1 SMD (Black)		
Pixel Pitch	2.84mm	3.9mm	4.8mm
Brightness (maximum)	3000 cd/m2	5000 cd/m2	
Contrast Ratio (typical)	3000:1	6000:1	
Viewing Angle (typical)	70/70 horizontal/vertical		
Refresh Rate	3000	1920	
Orientation	Landscape		
Dimming Capability	256 levels		
Color Processing	14 bit	16 bit	
Displayable Colors	281 Trillion		
Lifetime	80,000 hours		
External Control	USB		
Input Terminals	Digital: DVI-D Dual Link in/out or HDMI   Externtal Control: RS232 / USB		
Power Consumption (typical)	On 280 Watts/sqm		
Power Consumption (max)	700 Watts/sqm		
Dimensions (WxHxD) with stand	500 x 500 x 78mm		
Weight	Net (with stand): 19.8lbs (9kg)		
Operating Temperature	-4° to 122°F / -20° to 50°C		
Operating Humidity	10% to 90%		
Storage Temperature	-4° to 122°F / -20° to 50°C		
Storage Humidity	10% to 90%		
Environment	Outdoor (IP65)		
Limited Warranty (parts & labor)	3 years		

	Q Series (Indoor)	
NEC Model Number	LED-Q028i2	LED-Q039i2
Module Resolution	176 X 176	128 x 128
Pixel Configuration	3-1 SMD (Black)	
Pixel Pitch	2.84mm	3.9mm
Brightness (typical/maximum)	330/1000 cd/m2	396/1200 cd/m2
Contrast Ratio (typical)	6000:1	
Viewing Angle (typical)	80/80 horizontal/vertical	
Refresh Rate	2880	1920
Orientation	Landscape	
Dimming Capability	256 levels	
Color Processing	14 bit	16 bit
Displayable Colors	281 Trillion	
Lifetime	80,000 hours	
External Control	USB	
Input Terminals	Digital: DVI-D Dual Link in/out or HDMI   Externtal Control: RS232 / USB	
Power Consumption (typical)	On 262 Watts/sqm	
Power Consumption (max)	750 Watts/sqm	
Dimensions (WxHxD) with stand	500 x 500 x 78mm	
Weight	Net (with stand): 19.8lbs (9kg)	
Operating Temperature	14° to 113°F / -10° to 45°C	
Operating Humidity	10% to 90%	
Storage Temperature	14° to 113°F / -10° to 45°C	
Storage Humidity	10% to 90%	
Environment	Indoor	
Limited Warranty (parts & labor)	3 years	

	A Series (Indoor)	
NEC Model Number	LED-A019i	LED-A025i
Module Resolution	288 X 972	224 X 756
Pixel Configuration	3-1 SMD (Black)	
Pixel Pitch	1.94 mm	2.5 mm
Brightness (maximum)	1000/1100 cd/m2	
Contrast Ratio (typical)	4500:1	
Viewing Angle (typical)	75/75 horizontal / 70/70 vertical	
Refresh Rate	2880 Hz	
Orientation	Portrait	
Dimming Capability	256 levels	
Color Processing	Up to 13 bit	
Displayable Colors	281 Trillion	
Lifetime	100,000 hours	
External Control	RJ-45	
Input Terminals	Digital: HDMI/Data: USB	
Power Consumption (typical)	520 Watts	
Dimensions (WxHxD) w/out stand	22.5 x 74.9 x 1.4 in	
Weight s/out stand	Net (w/out stand) 65 lbs/42kg	
Operating Temperature	-4° to 95°F / -20° to 35°C	
Operating Humidity	10% to 80%	
Storage Temperature	-4° to 140°F / -10° to 60°C	
Storage Humidity	10% to 85%	
Environment	Indoor	
Limited Warranty (parts & labor)	2 years	

