

SHARP®

LED-FE012i3
LED-FE015i3
LED-FE019i3
FE-Series 3 Indoor dvLED



NEC Direct View LED – Intelligent display solutions for a brighter world

The NEC FE Series 3 provides uncompromising LED imaging in a power-efficient, cost-effective package. With 3 different fine pixel pitches (1.2mm, 1.5mm, and 1.9mm) the optimum display resolution can be achieved regardless of viewing distance. Boardrooms, auditoriums, education, and retail are just some of the applications where the NEC FE series 3 is designed to be integrated. The FE Series 3 is engineered with innovative Multi-Color Flip-Chip SMDs that provide excellent brightness and contrast with industry-leading power efficiency among SMD products. NEC offers full planning and design, installation and post installation maintenance support, ensuring you get a custom-tailored solution allowing you to focus on what's most important – your business.

Benefits

Innovative 3 in 1 Flip Chip SMD Multi-Color LEDs provide improved performance with up to 60% less power consumption compared to traditional SMDs

Front Serviceable Design minimizes downtime by providing easy access and quick maintenance

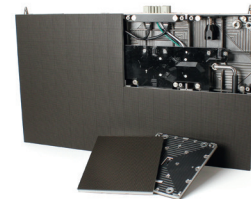
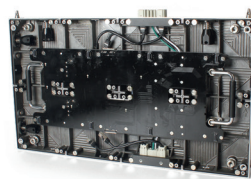
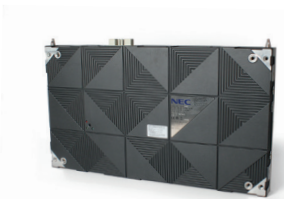
Upgradeable Pixel Cards can be upgraded to a finer pixel pitch without changing the cabinets or mounting structure

Hot-Swappable Pixel Cards can be replaced without turning the display off

Specifications

Direct View LED Module		LED-FE012i3	LED-FE015i3	LED-FE019i3
Display	Panel Technology	Direct View LED		
	Pixel Configuration	3-1 Flip Chip SMD		
	Panel Resolution	480 x 270	384 x 216	320 x 180
	Aspect Ratio	16:9	16:9	16:9
	Pixel Pitch	1.26mm	1.58mm	1.9mm
	Brightness (typical)	700cd/m ²		
	Contrast Ratio (typical)	8000:1		
	Viewing Angle (typical)	85/85 horizontal / 80/80 vertical		
	Dimming Capability	256 levels		
	Color Processing	Up to 16 bit		
	Displayable Colors	281 Trillion		
	Color Gamut (cover Ratio)	Adobe: 99.9 DCI: 98.4		
	Refresh Rate	Up to 3840 Hz		
	Lifetime (typical)	100,000 Hours*		
CONNECTIVITY	Input Terminals Digital	1x 1000BaseT RJ-45		
	External Control	RS232 / USB		
POWER CONSUMPTION (PER MODULE)	On (typical)	22 Watts		
	Max	38 Watts		
PHYSICAL SPECIFICATIONS	Dimensions (W x H x D)	23.9 x 13.5 x 1.9 in / 608 x 342 x 49 mm		
	Diagonal	27"		
	Weight (Net)	19.4lbs / 8.8kg		
ENVIRONMENTAL CONDITIONS	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%		
	IP Rating	IP20		
LIMITED WARRANTY	3 years			

*Does not constitute a warranty beyond the three year limited warranty period.



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