

SHARP

LD-FE093 | LD-FE123
LD-FE153 | LD-FE193

FE-Series 3 Indoor dvLED



Direct View LED – Intelligent display solutions for a brighter world

The Sharp FE Series 3 provides uncompromising LED imaging in a power-efficient, cost-effective package. With 4 different fine pixel pitches (0.95mm, 1.2mm, 1.5mm, and 1.9mm) the optimum display resolution can be achieved regardless of viewing distance. The FE Series is ideal for demanding applications in education and retail, as well as in boardrooms and auditoriums. Engineered with innovative Multi-Color Flip-Chip SMDs, the FE Series provides excellent brightness and contrast with industry-leading power efficiency among SMD products. Sharp 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.

Direct View LED Module		LD-FE093	LD-FE123	LD-FE153	LD-FE193
Display	Panel Technology	Direct View LED			
	Pixel Configuration	4-in-1 Flip Chip SMD	3-1 Flip Chip SMD		
	Panel Resolution	640 x 360	480 x 270	384 x 216	320 x 180
	Aspect Ratio	16:9	16:9	16:9	16:9
	Pixel Pitch	0.95mm	1.26mm	1.58mm	1.9mm
	Brightness (typical)	600 cd/m²	700cd/m²		
	Contrast Ratio (typical)	4000:1	8000:1		
	Viewing Angle (typical)	85/85 horizontal / 85/85 vertical	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 Cabinet)	On (typical)	20W	22 Watts		
	Max	35W	38 Watts		
	Maximum Cabinets per 120v/20a Circuit	25	40		
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.

