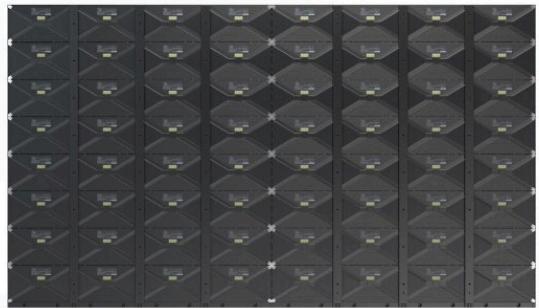


Sharp LD-E251-217

Indoor LED 2.5 mm 217" FullHD Bundle

Datasheet



High Impact. Streamlined Value

Bring the brilliance of fine-pitch LED to value-driven environments, without compromising on performance. Purpose-built for corporate meeting rooms and digital signage, the Sharp E Series delivers vivid content clarity and brightness for excellent visibility.

Available in standard-size bundles, it includes all the components needed for seamless integration of large format displays, free from distracting bezels. The slim, lightweight design supports easy installation, either wall-mounted or free-standing, while front access to all components simplifies maintenance. A durable metal chassis ensures long-term reliability, in line with Sharp's reputation for engineering quality.

An SoC-based controller enables wireless content sharing and seamless connectivity with external devices. Whether presenting or collaborating, the E Series supports intuitive operation and minimal setup.

Designed to meet the demands of modern visual communication, the E Series combines professional-grade performance with streamlined deployment, bringing high-impact LED to a broader range of applications.

Benefits

Trouble-free installation – for wall mounted or freestanding deployments, the mechanical cabinet design makes installation quick and easy.

Large scale for perfectly detailed imagery – completely bezel-less design with high contrast rates deliver an unhindered viewing experience.

Front serviceable modules – with front access to the LED modules, maintenance is easy.

Low-profile integration – the super slim and light weight modules align with perfection to create a large digital canvas which integrates unobtrusively into any environment.

Slim design – with a flush rear profile, LED modules can be integrated very close to the wall with minimal gap necessary due to very low heat emission.

Product Information

Product Name	Sharp LD-E251-217
Product Group	Indoor LED 2.5 mm 217" FullHD Bundle
Order Code	81000833 (With Powerbar), 81000961 (No Powerbar)

Display

Pixel Configuration	3-in-1 SMD (Black)
LED type	SMD (2121)
Screen Size [inch/cm]	217 / 551.18
Aspect Ratio	16:9
Pixel Pitch [mm]	2.5
Brightness (max.) [cd/ m ²]	1000
Lifetime	100000 hrs (50% brightness)
Contrast Ratio (typ.)	7000:1
Viewing Angle [°]	160 horizontal / 155 vertical
Dimming Capability	256 levels
Colour Processing	18 bit
Colours [Trill.]	18000
LED Driving Method	1/27 dynamic scan
Frame Rate [Hz]	50/60
Refresh Rate [Hz]	≤ 3840
Colour Temperature [K]	3000 - 9500

Screen Resolution

Resolution	1920 x 1080
Resolution per m ²	160000
Number of Pixel per module [dot]	240 x 135
Number of Pixel per card [dot]	60 x 135

Connectivity

Input Video Digital	1 x 3G SDI; 1 x DVI-D; 1 x HDMI
Input Control	1 x GenLock; 1 x LAN

Electrical

Total Power Consumption [W]	2560 typ. / 8000 max.
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Power Consumption typ. [W] 198 per m² (normal use)

Power Consumption max. [W] 617 per m²

Environmental Conditions

Operating Temperature [°C] -20 to 40

Operating Humidity [%] 10 to 80

Mechanical

Dimensions (W x H x D) [mm] per module 600 x 337.5 x 29

Dimensions (W x H x D) [mm] 4,812 x 2,712 x 50 without powerbar; 4,812 x 2,756 x 50 incl. powerbar

Weight [kg] 376; 388.3 without powerbar

Additional Features

Shipping Content 1x LED Controller; LED Modules (64 Cabinets, 256 Pixel Cards); Overframe Kit (8x8); Pixel Card Removal Tool; Powerbar (depending on version); Spare Parts Kit; Wall mount (8x8)

Special Characteristics Flush Surface SMD Design; Single Data Receiving Cards; Single Power Supplies

Manufacturer SHARP

Serviceability Front Service

IP Level IP20

Certifications CE; ETL; FCC Class A; RoHS

Warranty 2 years

Material Aluminum Cabinet

* 217 inch



CE



RoHS



FCC Class A

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