

Indoor LED 1.8 mm 162" FullHD Bundle

Sharp LD-E181-162



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.

Specifications

Product Information

Product Name

Sharp LD-E181-162

Product Group

Indoor LED 1.8 mm 162" FullHD Bundle

Order Code

LDE181-162, LDE181-162-NP (no powerbar)

Display

Pixel Configuration

3-in-1 SMD (Black)

LED type

SMD (1415)

Screen Size [inch/cm]

162 / 411.5

Pixel Pitch [mm]

1.8

Aspect Ratio

16:9

Contrast Ratio (typ.)

5000:1

Viewing Angle [°]

140 horizontal / 140 vertical

Brightness (max.) [cd/m²]

800

Dimming Capability

256 levels

Lifetime

100000 hrs (50% brightness)

Colour Processing

16 bit

Colours [Trill.]

281

LED Driving Method

1/60 dynamic scan

Frame Rate [Hz]

50/60

Refresh Rate [Hz]

≤ 3840

Colour Temperature [K]

3000 - 9500

Screen Resolution

Resolution

1920 x 1080

Number of Pixel per m²

284444

Resolution of Pixel per module [dot]

320 x 180

Resolution of Pixel Card [px]

80 x 180

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]

1548 typ. / 4500 max.

Power Consumption typ. [W]

212 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]
3,612 x 2,037 x 50 without powerbar; 3,612 x 2,081 x 50

Weight [kg]
215.8; 220.6 without powerbar

Regulatory
Safety and Ergonomics
CE; ETL; FCC Class A; RoHS

Additional Features
Shipping Content
1x LED Controller; LED Modules (36 Cabinets, 144 Pixel Cards);
Overframe Kit (6x6); Pixel Card Removal Tool; Powerbar
(depending on version); Spare Parts Kit; Wall mount (6x6)

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

Manufacturer
SHARP

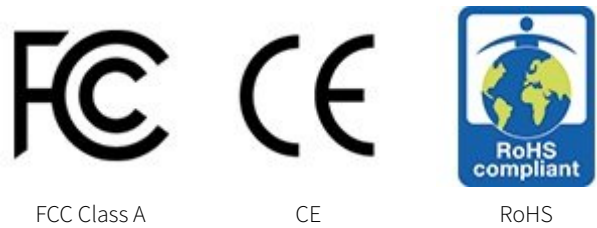
Serviceability
Front Service

IP Level
IP20

Warranty
2 years

Material
Aluminum Cabinet

* 162 inch



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