

Sharp LD-E151-135 Indoor LED 1.5 mm 135" 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.

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.

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

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-E151-135
Product Group	Indoor LED 1.5 mm 135" FullHD Bundle
Order Code	81000831 (With Powerbar), 81000959 (No Powerbar)

Display

Pixel Configuration	3-in-1 SMD (Black)
LED type	SMD (1212)
Screen Size [inch/cm]	135 / 342.9
Aspect Ratio	16:9
Pixel Pitch [mm]	1.5
Brightness (max.) [cd/m ²]	600
Lifetime	100000 hrs (50% brightness)
Contrast Ratio (typ.)	4000:1
Viewing Angle [°]	140 horizontal / 140 vertical
Dimming Capability	256 levels
Colour Processing	16 bit
Colours [Trill.]	281 trillion
LED Driving Method	1/54 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	409600
Number of Pixel per module [dot]	384 x 216
Number of Pixel per card [dot]	96 x 216

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]	1000 typ. / 3125 max.
-----------------------------	-----------------------

Power Consumption typ. [W]	198 per m ² (normal use)
Power Consumption max. [W]	617 per m ²
Power Consumption typ. [BTU]	672 per m ² (normal use)
Power Consumption max. [BTU]	2099 per m ²

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]	3,012 x 1,699.5 x 50 without powerbar; 3,012 x 1,743.5 x 50 incl. powerbar
Weight [kg]	150.2; 154.1 without powerbar

Additional Features

Shipping Content	1x LED Controller; LED Modules (25 Cabinets, 100 Pixel Cards); Overframe Kit (5x5); Pixel Card Removal Tool; Powerbar (depending on version); Spare Parts Kit; Wall mount (5x5)
Special Characteristics	Flush Surface SMD Design; Single Data Receiving Cards; Single Power Supplies
Manufacturer	NEC
Serviceability	Front Service
IP Level	IP20
Certifications	CE; ETL; FCC Class A; RoHS
Warranty	2 years
Material	Aluminum Cabinet

* 135 inch



CE



RoHS



FCC Class A

This document is © 2025 Sharp NEC Display Solutions Europe GmbH.

All rights reserved in favour of their respective owners. All hardware and software names are brand names and/or registered trademarks of the respective manufacturers. All specifications are subject to change without notice. Errors and omissions are excepted. 24.09.2025