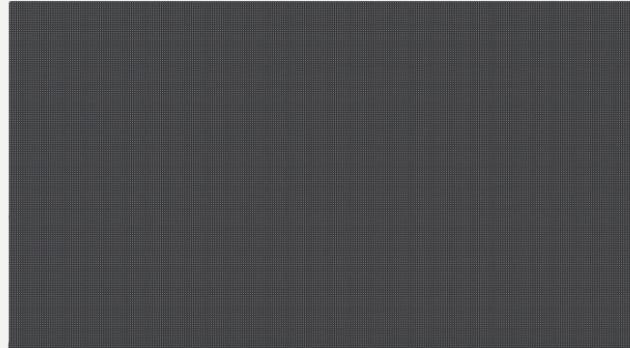


1.2 mm Indoor FinePitch LED Module

Sharp LD-E121



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.

Modular in design, the E Series can be configured to any size or shape to create seamless large format surfaces, 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.

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

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

Specifications

Product Information

Product Name

Sharp LD-E121

Product Group

1.2 mm Indoor FinePitch LED Module

Order Code

81000841

Display

Pixel Configuration

3-in-1 SMD (Black)

LED type

SMD (1010)

Aspect Ratio

16:9

Pixel Pitch [mm]

1.2

Brightness (max.) [cd/m²]

600

Lifetime

100000 hrs (50% brightness)

Contrast Ratio (typ.)

5000:1

Viewing Angle [°]

170 horizontal / 160 vertical

Dimming Capability

256 levels

Colour Processing

16 bit

Colours [Trill.]

281

LED Driving Method

1/45 dynamic scan

Frame Rate [Hz]

50/60

Refresh Rate [Hz]

≤ 3840

Colour Temperature [K]

3000 - 9500

Screen Resolution

Resolution per m²

640000

Number of Pixel per module [dot]

480 x 270

Number of Pixel per card [dot]

120 x 270

Electrical

Power Consumption typ. [W]

291 per m² (normal use)

Power Consumption max. [W]

617 per m²

Power Consumption typ. [BTU]

991 per m² (normal use)

Power Consumption max. [BTU]

2099 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

Weight [kg]

4.7

Additional Features

Shipping Content

LED Modules (1 Cabinets, 4 Pixel Cards)

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



RoHS



FCC Class A

CE

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