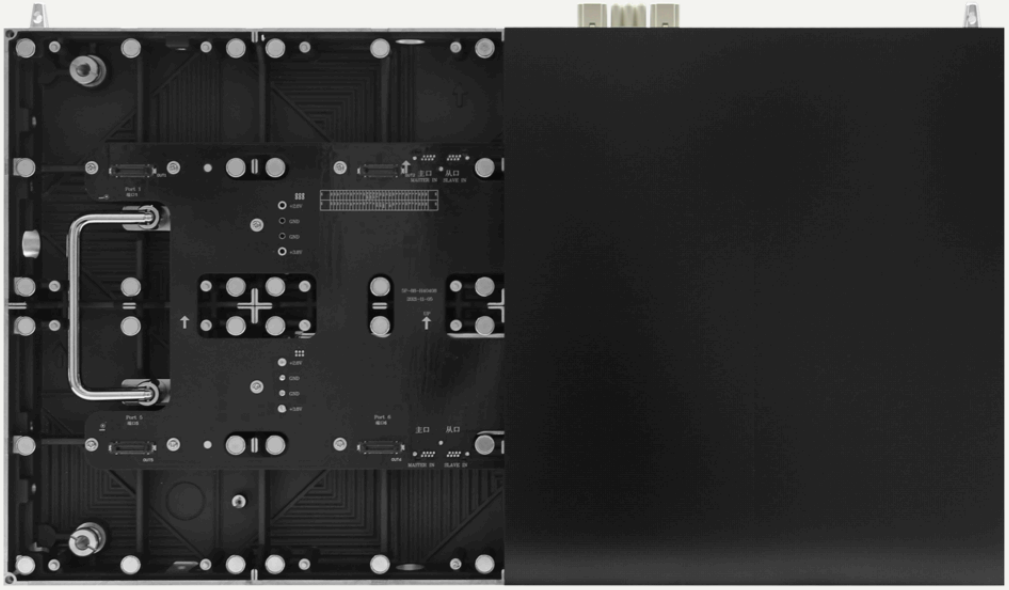
Direct View LED - Indoor

Sharp LD-D121



Next-Level Visual Performance

- Excellent contrast ratio of up to 20000:1 and deep black level ensures content is presented in vivid clarity for the best possible viewing experience.
- Significantly lowering your energy usage CoB technology is highly efficient, consuming up to 40% less power compared to standard SMD technology at the same brightness output.
- Established mechanical cabinet design supports wall mounted or freestanding installation with speed and ease, achieving precision module alignment for a single large surface perception.
- Excellent visual performance unseen colour reproduction with excellent off angle performance.
- Secure investment in high-end dvLED visualisations CoB technology enables installations to be more robust and long lasting.

Options

Value Added Services

Installation Service for Direct View LED Optional Installation Service for dedicated Sharp Direct View LED Screen Solutions
Optional Installation Service for dedicated Sharp Direct View LED Screen Solutions

Installation Supervision for Direct View LED Optional Installation Supervision Service for dedicated Sharp Direct View LED Screen Solutions
Optional Installation Supervision Service for dedicated Sharp Direct View LED Screen Solutions

Site Survey for Direct View LED Optional Site Survey for dedicated Sharp Direct View LED Screen Solutions
Optional Site Survey for dedicated Sharp Direct View LED Screen Solutions

On-site Service for Direct View LED Optional On-site Service for dedicated Sharp Direct View LED Screen Solutions
Optional On-site Service for dedicated Sharp Direct View LED Screen Solutions

Brightness Calibration Service for Direct View LED Optional Brightness Calibration Service for dedicated Sharp Direct View LED Screen Soluitons
Optional Brightness Calibration Service for dedicated Sharp Direct View LED Screen Soluitons

Preventive Maintenance for Direct VIew LED Optional Preventive Maintenance Service for dedicated Sharp Direct View LED Screen Solutions
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Pixel Card Service Pack for Direct View LED Optional free of charge Pixel Card Service Pack for dedicated Sharp Direct View LED Screen Solutions
Optional free of charge Pixel Card Service Pack for dedicated Sharp Direct View LED Screen Solutions

Remote Power Switches

LED-RPS-CL-R Remote Power Switch
Remote Power Switch

LED-RPS-CL-B1 Remote Power Switch (standalone boxed version)
Remote Power Switch (standalone boxed version)

LED-RPS-CL-BL1 Remote Power Switch (standalone boxed version - LAN)
Remote Power Switch (standalone boxed version - LAN)

Image Control and Connectivity

Hiperwall Innovative software- and IP-based solution to create reliable and flexible video wall solutions that can display data and video images from different sources at unequaled high resolutions
Innovative software- and IP-based solution to create reliable and flexible video wall solutions that can display data and video images from different sources at unequaled high resolutions.

Warranty Extensions

Warranty Extension for Direct View LED (4th to 5th year) Optional Warranty Extension (4th to 5th year) for dedicated Sharp Direct View LED Screen Solutions
Optional Warranty Extension (4th to 5th year) for dedicated Sharp Direct View LED Screen Solutions

Specifications

General

Series	[sharp-ld-d-series-indoor]
Order Code	LDD121

Display

Aspect Ratio	16:9
Brightness Max. (cd/m²)	800
Colour Processing	16 bit
Colours (Trill.)	281
Colour Temperature (K)	3000 - 9500
Contrast Ratio	20000:1
Dimming Capability	256 levels
Frame Rate (Hz)	50/60
LED Driving Method	1/45 dynamic scan
LED Type	COB (0408)
Lifetime (hrs)	100000 hrs (50% brightness)
Pixel Pitch (mm)	1.2
Refresh Rate ≤ (Hz)	3840
Viewing Angle (°)	160 horizontal / 160 vertical

Resolution

Number of Pixel Per Card (dot)	120 x 135
Resolution Per m²	623269
Number of Pixel Per Module (dot)	480 x 270

Electrical

Power Consumption Max (BTU/h per m²)	1146
Power Consumption Typ. Normal Use (BTU/h per m²)	653
Power Consumption Max (W/m²)	337
Power Consumption Typ. Normal Use (W/m²)	192

Mechanical

Module Width (mm)	608
Module Height (mm)	342
Module Depth (mm)	48.5
Weight (kg)	7

Environmental Conditions

Operating Humidity (%)	10 to 80
Operating Temperature (°C)	-20 to 40

Additional Features

Special Characteristics	Single Power Supplies, Single Data Receiving Cards
Certifications	RoHS, FCC Class A, CE, ETL
Warranty	3 years
Manufacturer	[sharp]
Material	Aluminum Cabinet
Serviceability	Front Service

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