Direct View LED - UW-HD Bundle

Sharp LD-FE093-104



Engineered for efficiency, without compromise

- Significantly lower energy usage Highly efficient Flip-Chip IMD technology reduces power consumption by up to 60% compared to standard SMD, at the same brightness.
- Uncompromised image quality An exceptional contrast ratio, ultra-deep black levels, fine pixel pitch, and wide viewing angles ensure vivid clarity and accurate colour reproduction even in bright ambient light conditions.
- Minimised interference low electromagnetic emissions allowing for EMC Class-B certified modules.
- Easy installation Bundled solutions include all components for fast, hassle-free deployment.
- 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.

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
Optional Preventive Maintenance Service for dedicated Sharp Direct View LED Screen Solutions

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-fe-series-indoor]
Order Code	LDFE093-104

Display

Aspect Ratio	21:9
Brightness Max. (cd/m²)	600
Colour Processing	16 bit
Colours (Trill.)	281
Colour Temperature (K)	3000 - 9500
Contrast Ratio	4000:1
Dimming Capability	256 levels
Frame Rate (Hz)	50/60
LED Driving Method	1/46 dynamic scan
LED Type	FlipChip IMD (1616)
Lifetime (hrs)	100000 hrs (50% brightness)
[AVLEDSpecificationPixelConfiguration]	4-in-1 IMD (Black)
Pixel Pitch (mm)	0.9
Refresh Rate ≤ (Hz)	3840
Screen Size (inch)	104
Screen Size (cm)	264
Viewing Angle (°)	170 horizontal / 170 vertical

Resolution

Number of Pixel Per Card (dot)	160 x 180
Resolution Per m²	1108033
Number of Pixel Per Module (dot)	640 x 360
Resolution	2560 x 1080

Connectivity

Input Control	1 x LAN
Input Video Digital (via controller)	1 x HDMI

Electrical

Power Consumption Max (BTU/h per m²)	574
Power Consumption Typ. Normal Use (BTU/h per m²)	328
Power Consumption Max (W/m²)	168
Power Consumption Typ. Normal Use (W/m²)	96
[AVLEDSpecificationTotalPowerConsumptionTypW]	240
[AVLEDSpecificationTotalPowerConsumptionMaxW]	420

Mechanical

Module Width (mm)	608
Module Height (mm)	342
Module Depth (mm)	49
Bundle Width (mm)	2444
Bundle Height (mm)	1083
Bundle Depth (mm)	73.5
Weight (kg)	139.4

Environmental Conditions

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

Additional Features

Special Characteristics	Single Power Supplies, Single Data Receiving Cards, Flush Surface SMD Design
Certifications	CE, EMC Class B, FCC Class A, RoHS, ETL
Warranty	3 years
Manufacturer	[sharp]
Material	Aluminum Cabinet
Serviceability	Front Service
Shipping Content	Pixel Card Removal Tool, 1x LED Controller, Spare Parts Kit, LED Modules (12 Cabinets, 96 Pixel Cards), Overframe Kit (4x3), Wall mount (4x3), 4 x 3

© 2026 Sharp Display Solutions Europe GmbH. All rights reserved. All product names, company names, logos, trademarks, service marks and registered trademarks are the property of their respective owners. Design, features and specifications are subject to change without notice. Information is believed to be accurate at the time of publication. Errors and omissions excepted. Revision date: 09 July 2026. Sharp LD-FE093-104, 15/10/2026