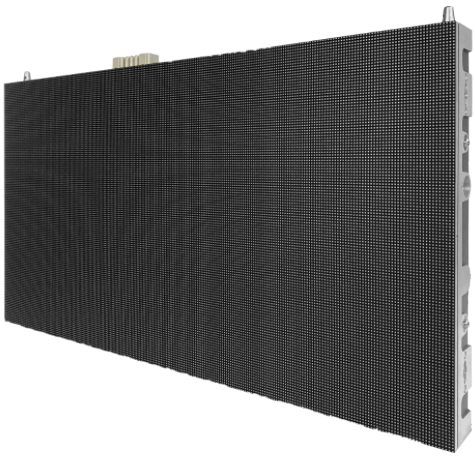
3.8 mm Indoor FinePitch LED Module

NEC LED-FE038i2



Essential modules of brilliance

For bezel-free viewing experiences using vivid LED technology, NEC's FE Series delivers essential visualization for scalable large digital surfaces. Even for cost-conscious deployments for presentation and signage, NEC's FE Series provides long lasting NEC quality with industrial-grade power supplies in easy to install, off the shelf bundle solutions for safe operation with minimised downtimes.

Either free standing or for seamless integration into interiors, the slim design is sleek and chic as befits the latest innovation in digital content delivery. Benefit from excellent viewing angles, consistent vibrant colours, superb brightness and long lasting performance for meeting rooms and signage applications.

Benefits

Ultimate Versatility – small 16:9 modules allowing excellent flexibility within the available space.

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

Large scale for perfectly detailed imagery – completely bezel-less design with high contrast rates deliver an unhindered viewing experience.

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.

Visual excellence – high contrast and high brightness is inherent in LED delivery, benefit from NEC's long lasting quality.

Specifications

Product Information

Product Name
NEC LED-FE038i2

Product Group
3.8 mm Indoor FinePitch LED Module

Order Code
81000151

Display

Pixel Configuration
3-in-1 SMD (Black)

LED type
SMD (1415)

Pixel Pitch [mm]
3.8

Contrast Ratio (typ.)
5000:1

Viewing Angle [°]
160 horizontal / 140 vertical

Brightness (max.) [cd/m²]
1000

Dimming Capability
256 levels

Lifetime
100000 hrs (50% brightness)

Colour Processing
16 bit

Colours [Trill.]
281

LED Driving Method
1/15 dynamic scan

Frame Rate [Hz]
50/60

Refresh Rate [Hz]
≤ 3840

Colour Temperature [K]
3000 - 9500

Screen Resolution

Number of Pixel per m²
69252

Resolution of Pixel per module [dot]
160 x 90

Resolution of Pixel Card [px]
40 x 45

Electrical

Power Consumption typ. [W]
225 per m² (normal use)

Power Consumption max. [W]
575 per m²

Power Consumption typ. [BTU]
765 per m² (normal use)

Power Consumption max. [BTU]
1955 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
608 x 342 x 49

Weight [kg]
8.8

Regulatory

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

Additional Features

Special Characteristics
Cableless Connector for Data and Power; Flush Surface SMD Design; Humidity-proof SMD Design; Single Data Receiving Cards; Single Power Supplies

Manufacturer
NEC

Serviceability
Front Service

Warranty
3 years

IP Level
IP20

Material
Aluminum Cabinet

CE

FCC Class A

RoHS

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