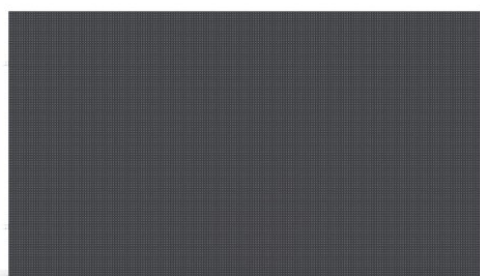


1.8 mm Indoor FinePitch LED Module

NEC LED-E018i



Large Image Presentation, Budget Preservation

Bringing all the advantages of fine-pitch LED to more cost-conscious applications in corporate meeting rooms and digital signage, the E series lacks nothing in high impact content delivery. The direct view LED solution includes everything you need to implement large surface visualisation without hindrance from bezels, with superb brightness and high contrast which gets noticed even in areas of high ambient light.

Designed for quick and easy set-up, the product is light weight and super slim for unobtrusive integration. Front serviceable, all components are easily accessed for maintenance.

As you would expect from a quality manufacturer, there is no compromise to reliability, longevity and safety in offering the E series solution. Consistent with all LED products from Sharp, the chassis is of metal construction.

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.

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

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.

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.

Specifications

Product Information

Product Name
NEC LED-E018i

Product Group
1.8 mm Indoor FinePitch LED Module

Order Code
81000222

Display

Pixel Configuration
3-in-1 SMD (Black)

LED type
SMD (1415)

Aspect Ratio
16:9

Pixel Pitch [mm]
1.8

Brightness (max.) [cd/m²]
800

Lifetime
100000 hrs (50% brightness)

Contrast Ratio (typ.)
5000:1

Viewing Angle [°]
140 horizontal / 140 vertical

Dimming Capability
256 levels

Colour Processing
16 bit

Colours [Trill.]
281

LED Driving Method
1/60 dynamic scan

Frame Rate [Hz]
50/60

Refresh Rate [Hz]
≤ 3840

Colour Temperature [K]
3000 - 9500

Screen Resolution

Resolution per m²
284444

Number of Pixel per module [dot]
320 x 180

Number of Pixel per card [dot]
80 x 180

Electrical

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

Power Consumption max. [W]
617 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); Spare Parts Kit

Special Characteristics
Flush Surface SMD Design; Single Data Receiving Cards; Single Power Supplies

Manufacturer
NEC

Serviceability
Front Service

IP Level

IP20

Warranty

2 years

Certifications

CE; ETL; FCC Class A; RoHS

Material

Aluminum Cabinet



FCC Class A



RoHS



CE

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