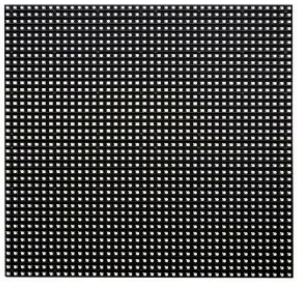
8 mm Outdoor LED Modules

NEC LED TiLE-T080Se (8 mm Outdoor)



The NEC TiLE LED series – Tailor made displays for a brighter world

The all new NEC LED TiLE series products will inspire you with an eye-catching visual experience and shine a light on what matters to you. Whether in a board room, control room, a retail store, in a museum or at the airport, the versatility of the new LED TiLE products has virtually no limits.

With NEC's TiLE LED Series you get the freedom you need to transform your walls into digital surfaces. TiLE - the intelligent Light Emitter - is the pixel card based solution with the capabilities to fit into almost any space using 240 mm to 320 mm square formats. Offering brightness levels of up to 6,000 cd even direct sunlight is not stopping your contents from shining. Protect your investment with high quality components and an exceptional longevity. Enter the world of mediatecture today – with a video wall that is made especially for you!

Benefits

Excellent homogeneity – uniform colour and brightness across the entire wall.

Supreme flexibility – tailor made pixelcards allow utmost flexibility within the available space.

Total cost of ownership reduction – with long-life LED lamp made by Nation Star, which creates the longest LED life available for a video wall.

Outstanding picture quality – through the use of Nation Star LEDs.

Specifications

Product Information

Product Name
NEC LED TiLE-T080Se (8 mm Outdoor)

Product Group
8 mm Outdoor LED Modules

Order Code
60004158

Display

Pixel Configuration
3-in-1 SMD (Black)

LED type
SMD

Pixel Pitch [mm]
8

Contrast Ratio (typ.)
6000:1

Viewing Angle [°]
140 horizontal / 140 vertical

Brightness (max.) [cd/m²]
6000

Dimming Capability
256 levels

Lifetime
100000 hrs (50% brightness)

Colour Processing
16 bit

Colours [Trill.]
281 trillion

LED Driving Method
1/4 dynamic scan

Frame Rate [Hz]
60 fps

Refresh Rate [Hz]
≤ 4200

Colour Temperature [K]
3200 - 9300

Screen Resolution

Number of Pixel per m²
15625

Resolution of Pixel Card [px]
144 x 144

Connectivity

Input Digital (via controller)
DVI

Electrical

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

Power Consumption max. [W]
730 per m²

Environmental Conditions

Operating Temperature [°C]
-20 to 40

Operating Humidity [%]
10 to 90

Mechanical

Dimensions (W x H x D) [mm] per module
1,152 x 1,152 x 210

Weight [kg]
49 per sqm

Regulatory

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

Additional Features

Manufacturer
S[quadrat]

Serviceability
Rear Service; Front Service optional

IP Level
Front: IP65; Rear: IP54

Warranty
2 years

RoHS | FCC Class A | CE

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