

## Product Information Sheet

Outdoor 4.81 mm LED Panel – Frameless Hanging with Front and Rear Access

## LED-PRO-E 048-D



## High Resolution Front & Rear Access Brilliance

Rental style frame for low weight suspended applications with front and rear access, NEC's LED Solution delivers essential visualization for scalable large digital surfaces.

NEC's innovative Front & Rear Access compatible PRO-E SMD series generates crisp, clear viewing without fading or distortion in any ambient light, whether it's day or night, bright or dark.

The design allows IP65 rated front and rear access for ease of maintenance. NEC products benefit from excellent color and brightness stability and longevity for consistent vibrant colours, superb brightness and long lasting performance for high impact display projects.

### Benefits

**Care-free installation** – Smart rental style solution that deliver all you need to get your LED video wall up and running.

**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 no gap necessary due to minimal heat emission. The panels allow 5 degree faceted mounting as standard if required.

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

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

## Product information

Product Code	LED-PRO-E 048 -D
Product Group	Outdoor 4.81 mm LED Panel – Frameless Hanging with Front and Rear Access

## Display

Pixel Configuration	3-in 1 SMD
LED type	SMD 1921
Panel Size [mm]	500 × 1000/500
Aspect Ratio	2:3/1:1
Pixel Pitch [mm]	4.81
Brightness (max.) [cd/m²]	5500
Lifetime	100000 hrs (50% brightness)
Contrast Ratio (typ.)	5000:1
Viewing Angle [°]	140 horizontal / 120 vertical
Dimming Capability	256 levels
Colour Processing	14 bit
Colours	4.4 trillion
LED Driving Method	1/13 dynamic scan
Frame Rate	50/60 Hz
Refresh Rate [Hz]	< 3840
Colour Temperature [K]	2500 - 10000

## Screen Resolution

Resolution	104 × 208/104 × 104
Resolution per m²	43,264
Number of Pixel per module [dot]	52 × 52
Number of Pixel per card [dot]	32,768 / 16,384

## Connectivity

Input Video Digital	1 × HDMI 2.0; 1 × DP 1.2; 1 × DVI-D
Input Control	1 × GenLock; 1 × LAN; 1 × USB IN; 1 × USB OUT (Cascading)

## Electrical

Total Power Consumption [W]	50 typ. 162.5 max.
Power Consumption typ. [W]	200 per m² (normal use)
Power Consumption max. [W]	650 per m²

## Environmental Conditions

Operating Temperature [°C]	-40 to 80
Operating Humidity [%]	10 to 95

## Mechanical

Dimensions (W × H × D) [mm]	500 × 1000/500 × 80
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Dimensions (W × H × D) [mm] per module	250 × 250 × 8
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Weight [kg]	14/9.5
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## Additional Features

Shipping Content	LED Controller; LED Modules; Pixel Card Removal Tool; Spare Parts Kit
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Manufacturer	NEC
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Serviceability	Front Service
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IP Level	IP65 Front / IP65 Rear
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Certifications	CCC; CE; FCC Class B
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Warranty	3 Year Conditional Warranty
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## For more information:


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