

## Denali LED Display Series

The Denali LED Display series is an economical, durable and easy to install indoor LED display solution. The high reliability and low maintenance demands make this series a great solution for customers on a budget. Its modular design delivers any desired screen size while the tile design completely endoses and locks the electrical components inside the cabinet making it easy to install, safe and low maintenance. The Denali series offers a great visual experience from only a few feet away.

In addition to an impactful video walls, you can also design an infinite number of ways to configure the tiles. They can be used to outline doorways, line stages, embed into walls or simply create a beautiful background for a room or lobby.

### Great option for:

- Stages
- Busy Hallways / Walkways
- Airport/Train Station
- Hard to Maintain Areas
- Video Walls
- Hotels/Banks
- Retail
- Churches /Classrooms
- & countless other applications



#### Pixel Pitch

- 4 mm

#### Brightness

- 1200 nits
- 1500 nits
- Adjustable

#### Resolution Capabilities

- HD
- 2K
- 4K

#### View Distance

- 12 ft+

#### Mounting Options

- Stacked
- Suspended
- Pole mount
- Wall mount
- Ceiling mount
- Tile to tile mounting hardware included

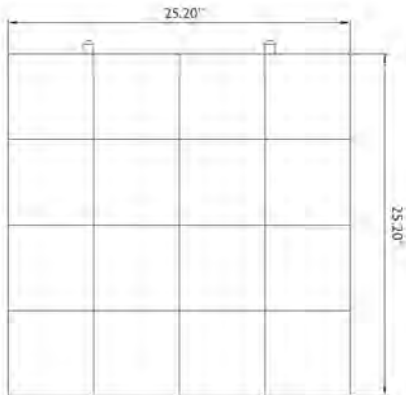
#### Tile Size

- 25.2" x 25.2"
- 4.41 ft<sup>2</sup>
- 30.2" x 30.2"
- 6.35 ft<sup>2</sup>

#### Warranty

- 6-Year Warranty - Includes labor
- 15-Month Lease to Upgrade Option
- 36-Month Lease to Own Option

# Denali 4P - 4A



## Front Module Matrix

### Design

|                           |                          |
|---------------------------|--------------------------|
| Screen size (area)        | 4.41 ft <sup>2</sup>     |
| Tile Size (WxHxD)         | 25.20" x 25.20" x 4.72"  |
| Aspect ratio              | 1:1                      |
| Tile Weight               | 44 lbs                   |
| Cabinet Material          | Aluminum                 |
| Operating Temperature/Hum | 32F - 113F / 10 - 90% RH |
| Viewing Angle             | H:120 ; V:100            |
| Lifetime                  | >100,000 hours           |

### Picture Quality

|                |                  |
|----------------|------------------|
| Pixel Pitch    | 4 mm             |
| Resolution     | 160 x 160 pixels |
| Refresh Rate   | >1000 Hz         |
| Contrast Ratio | 4000:1           |
| Brightness     | 1500 nits        |
| Pixel Density  | 25,600 pixels    |

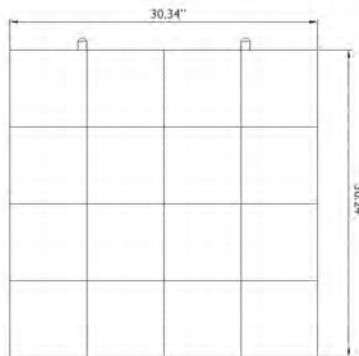
### LED Features

|                   |         |
|-------------------|---------|
| Color Temperature | 6500K   |
| LED type          | SMD2121 |

### Electrical Characteristics

|                         |                                      |
|-------------------------|--------------------------------------|
| Power Consumption       | 108 W/Tile TYP / 326 W/Tile MAX      |
| Amp Draw                | See Performance Specs                |
| Power Supply Options    | 120 VAC std / 277 & 480 VAC Option   |
| Tile Interconnect Cable | RJ45 Cable                           |
| Control Input           | DVI, HDMI, USB                       |
| Accessories Included    | RJ45 Connectors, HDMI-DVI, USB.B-USB |

# Denali 4P - 6A



## Front Module Matrix

### Design

|                           |                          |
|---------------------------|--------------------------|
| Screen size (area)        | 6.35 ft <sup>2</sup>     |
| Tile Size (WxHxD)         | 30.24" x 30.24" x 4.72"  |
| Aspect ratio              | 1:1                      |
| Tile Weight               | 48 lbs                   |
| Cabinet Material          | Epoxy Paint Coated Iron  |
| Operating Temperature/Hum | 32F - 113F / 10 - 90% RH |
| Viewing Angle             | H:120 ; V:100            |
| Lifetime                  | >100,000 hours           |

### Picture Quality

|                |                  |
|----------------|------------------|
| Pixel Pitch    | 4 mm             |
| Resolution     | 192 x 192 pixels |
| Refresh Rate   | >1000 Hz         |
| Contrast Ratio | 4000:1           |
| Brightness     | 1200 nits        |
| Pixel Density  | 36,864 pixels    |

### LED Features

|                   |                            |
|-------------------|----------------------------|
| Color Temperature | 3000K to 10000K Adjustable |
| LED type          | SMD2121                    |

### Electrical Characteristics

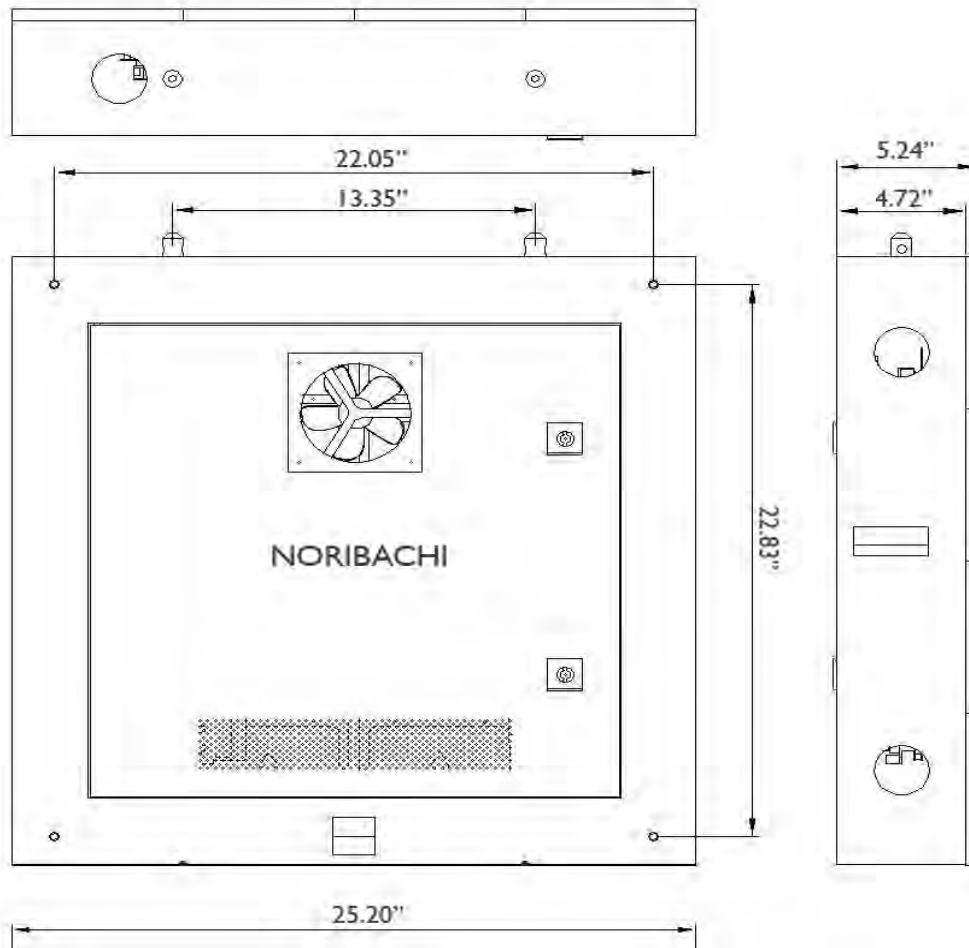
|                         |                                      |
|-------------------------|--------------------------------------|
| Power Consumption       | 160 W/Tile TYP/ 480 W/Tile MAX       |
| Amp Draw                | See Performance Specs                |
| Power Supply Options    | 120 VAC std / 277 & 480 VAC Option   |
| Tile Interconnect Cable | RJ45 Cable                           |
| Control Input           | DVI, HDMI, USB                       |
| Accessories Included    | RJ45 Connectors, HDMI-DVI, USB.B-USB |

# Physical Attributes – 4A

## Denali 4P

### Mounting

- 4 M10 holes in the corners of the display
- Sturdy frame can be utilized during installation
- Mount directly to other tiles using included hardware
- Mount directly to wall using customer's hardware
- Studs on top of tiles mate with holes on bottom of tiles ensure perfect alignment during installation



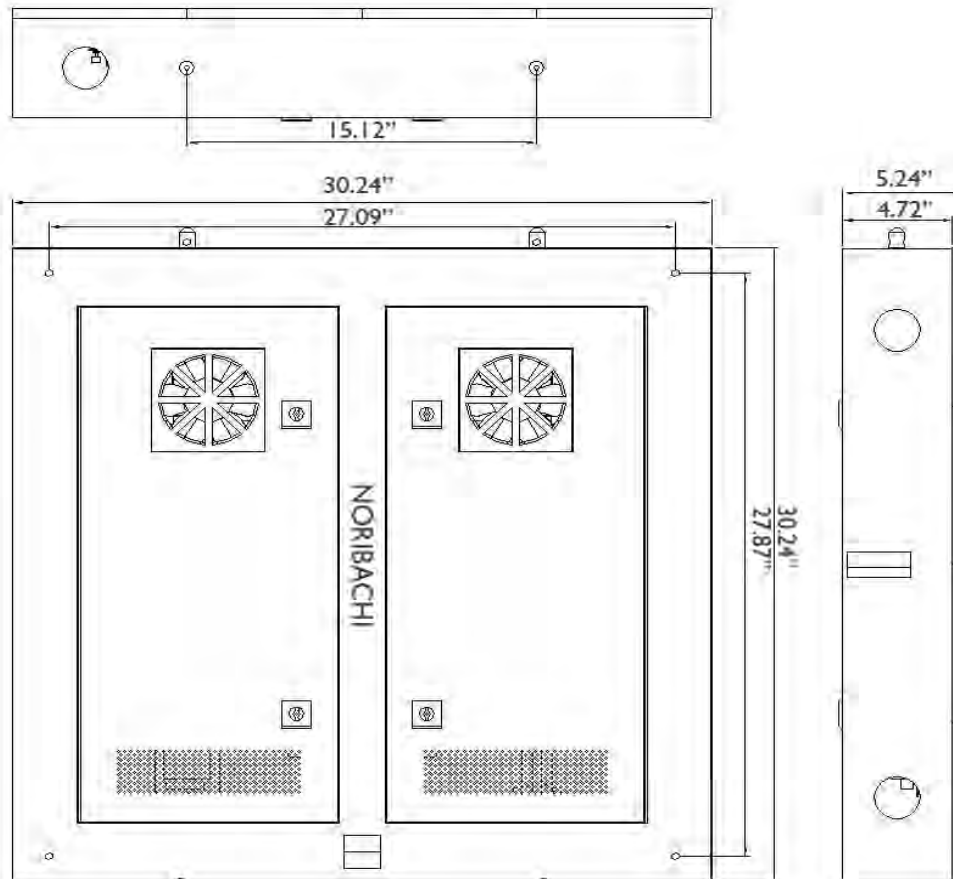
Specifications and tile cabinet appearance subject to change without notice. All values typical unless otherwise noted. Visit [www.Noribachi.com](http://www.Noribachi.com) for more information. ©2016

# Physical Attributes – 6A

## Denali 4P

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## System Specifications

### Electrical Characteristics

All panels come standard for 100 – 240 VAC input. Optional upgrade to 277 and 480VAC. The driving method is Constant Current. The LED wavelength ranges are R:630-630nm, G:520-535nm, B:465-475nm.

### Maintenance

The Denali Series is rear serviceable. Meaning the electrical components can be accessed from the back of the tiles. All electrical components can be accessed through a door with a key on the back of the tile. This adds a measure of safety and security to this durable cabinet.

### Software and Control Options

Standard Noribachi Software comes with all Noribachi ALiVE display purchases. Software features allow users to create complex timed schedules; use endless media inputs; program videos: URLs; RSS xml files; and date and time options. An optional software upgrade is available for a monthly subscription fee. Upgrade builds on the standard Noribachi software with more media inputs, remote control of displays from central computer and 24/7 customer support. Additional information on the Noribachi software features is located in the Media section of the ALiVE Product Family Brochure.

### Video Processor

A Video processor is needed when displaying 2K or greater content. Configurations that need a video processor are outlined for this series in the following Performance Specifications section. Video processor specifications are located in the controls section of the ALiVE Product Family Brochure.

### Connecting Tiles

The tiles have threaded holes in its 4 corners as well as holes in the top and sides of the tile frames. The holes and frame can be used in many ways to either mount the tiles together or on a wall. The media is sent to the tiles and distributed using RJ45 connectors. Virtually unlimited number of tiles can be made into a single video wall. For more Denali Series information or specific mounting questions, please contact Noribachi Display Support at 855.283.1100.

# Performance Specifications

| Electrical Load |                              |      |                               |      |                              |      |                      |     |
|-----------------|------------------------------|------|-------------------------------|------|------------------------------|------|----------------------|-----|
| Tile Part No.   | Drive current (Amps @120VAC) |      | Drive Current (Amps @277 VAC) |      | Drive Current (Amps @480VAC) |      | System Power (Watts) |     |
|                 | Typ                          | Max  | Typ                           | Max  | Typ                          | Max  | Typ                  | Max |
| 4P-4A           | 0.90                         | 2.72 | 0.39                          | 1.18 | 0.23                         | 0.68 | 108                  | 326 |
| 4P-6A           | 1.33                         | 4.00 | 0.58                          | 1.73 | 0.33                         | 1.00 | 160                  | 480 |

| Tiles per Standard 20 Amp Outlet |                |                |                |
|----------------------------------|----------------|----------------|----------------|
| Tile Part No.                    | Tiles @120 VAC | Tiles @277 VAC | Tiles @480 VAC |
| 4P-4A                            | ≤ 7            | ≤ 16           | ≤ 29           |
| 4P-6A                            | ≤ 5            | ≤ 11           | ≤ 20           |

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# How to Order

| Denali Series   |               |                      |                |                                |
|-----------------|---------------|----------------------|----------------|--------------------------------|
| Numbering Order | Specification | Required or Optional | Allowed Values | Description                    |
| 1               | Series Name   | Required             | DNL            | Denali Series                  |
| 2               | Pixel Pitch   | Required             | 4P             | 4.0 Pixel Pitch                |
| 3               | Tile Size     | Required             | 4A             | 4.41 ft <sup>2</sup> Tile area |
|                 |               |                      | 6A             | 6.35 ft <sup>2</sup> Tile area |

**Sample Order Code**  
DNL-4P-4A

| Control Configuration Needed<br>(Based on quantity of tiles ordered) |                       |                       |                               |
|--|-----------------------|-----------------------|-------------------------------|
| Tile Part No.  | Nori300 Configuration | Nori600 Configuration | Video Processor Configuration |
| DNL-4P-4A  | 1 - 45 Tiles          | 46 - 77 Tiles         | > 77 Tiles                    |
| DNL-4P-6A  | 1 - 31 Tiles          | 32 - 53 Tiles         | > 53 Tiles                    |