

# DAKTRONICS PRODUCT SPECIFICATION

## SERIES SPECIFICATION

### DVX-2801-10MN-6000-WC

|                                         |                                                        |
|-----------------------------------------|--------------------------------------------------------|
| Pixel Configuration                     | RGB 3-in-1 SMD                                         |
| Line and Column Spacing                 | 0.4 inches - 10.16 millimeters                         |
| Module Configuration - Pixels (RxC)     | 36 x 36 pixels                                         |
| Module Dimensions (HxW)                 | 14.4 x 14.4 inches - 365.76 x 365.76 mm                |
| Maximum Power per Module <sup>1</sup>   | 65.1888 Watts                                          |
| Average Power per Module <sup>1</sup>   | 22.817 Watts                                           |
| Display Weight per Module <sup>2</sup>  | 13 pounds - 5.9 kilograms                              |
| Processing                              | 22 bit Distributed                                     |
| Color Capacity                          | 16 bit (281 Trillion Colors)                           |
| Dimming                                 | 256 levels                                             |
| Color Temperature                       | 3,000°-10,000° kelvin (adjustable)                     |
| Calibration                             | LED to LED                                             |
| LED Refresh Rate                        | 3840 hertz                                             |
| LED Lifetime                            | 100,000 hrs                                            |
| Brightness - Typical Nits               | 6000 nits (cd/sm)                                      |
| Horizontal Viewing Angle                | 160°                                                   |
| Vertical Viewing Angle (Up/Down)        | +5/-65°                                                |
| Contrast Ratio                          | 1200:1                                                 |
| Service Access                          | Front or Rear                                          |
| Cabinet Depth                           | 4.787 inches - 121.6 millimeters                       |
| Cabinet Construction                    | Steel and Aluminum (corrosion resistant)               |
| Ingress Protection Rating               | IP-66 Rated Components                                 |
| Working Temperature Rating <sup>3</sup> | -40° to 122° F - -40° to 50° C                         |
| Ventilation                             | Fan                                                    |
| Data Transmission to Display            | Direct: Fiberoptic Cable Remote: Internet/Network (IP) |

Note 1: Power draw varies depending on display ventilation.

Note 2: Display Weight per Module factors in cabinet, but not the structure.

Note 3: Temperature range is based on typical usage (100% daytime brightness, 50% content, 250W/m<sup>2</sup> solar, no wind).

Note 4: Ventilation solution may require external supplemental A/C in some areas of the world. Please consult your Daktronics representative regarding your area.

Note 5: Consistent with Daktronics policy of continuing product improvement, specifications shown on this document are subject to change without notice.

Note 6: See contract specific drawings for customized product weights

## DISPLAY SPECIFICATION

### DVX-2801-10MN-6000-WC-DW-324x1080-230BR-MT-MR-FOR-SBB-CNTLRM

|                                                |                                                                                                                       |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Active Screen Size (HxW)                       | 10.8 feet x 36 feet - 3.29 meters x 10.97 meters                                                                      |
| Active Screen Size (Square Dimensions)         | 388.8 square feet - 36.09 square meters                                                                               |
| Number of Modules (HxW)                        | 9 Modules x 30 Modules                                                                                                |
| Total Modules                                  | 270 Modules                                                                                                           |
| Matrix Size (HxW)                              | 324 pixels x 1080 pixels                                                                                              |
| Aspect Ratio                                   | 0.3 (Reference - 16:9 = .5625 and 4:3 = .75)                                                                          |
| Display Weight <sup>6</sup>                    | 3510 lb - 1593 kg                                                                                                     |
| Display Weight per Square Dimension            | 9.03 lb/sq. ft - 44.14 kg/sq. m                                                                                       |
| Total Average Power Consumed                   | 6160.59 Watts                                                                                                         |
| Total Maximum Power Consumed                   | 17600.98 Watts                                                                                                        |
| Maximum Power Consumption per Square Dimension | 45.3 W/sq. ft - 487.7W/sq. m                                                                                          |
| Current Draw                                   | 48.9 amps @ 208v 3P (3L - N - G)<br>73.3 amps @ 240v Split Phase (2L - N - G)<br>25.5 amps @ 230/400v 3P (3L - N - G) |
| Control Method                                 | Rack Mount Control System                                                                                             |

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# SUPERIOR LED DISPLAYS

## E-Series



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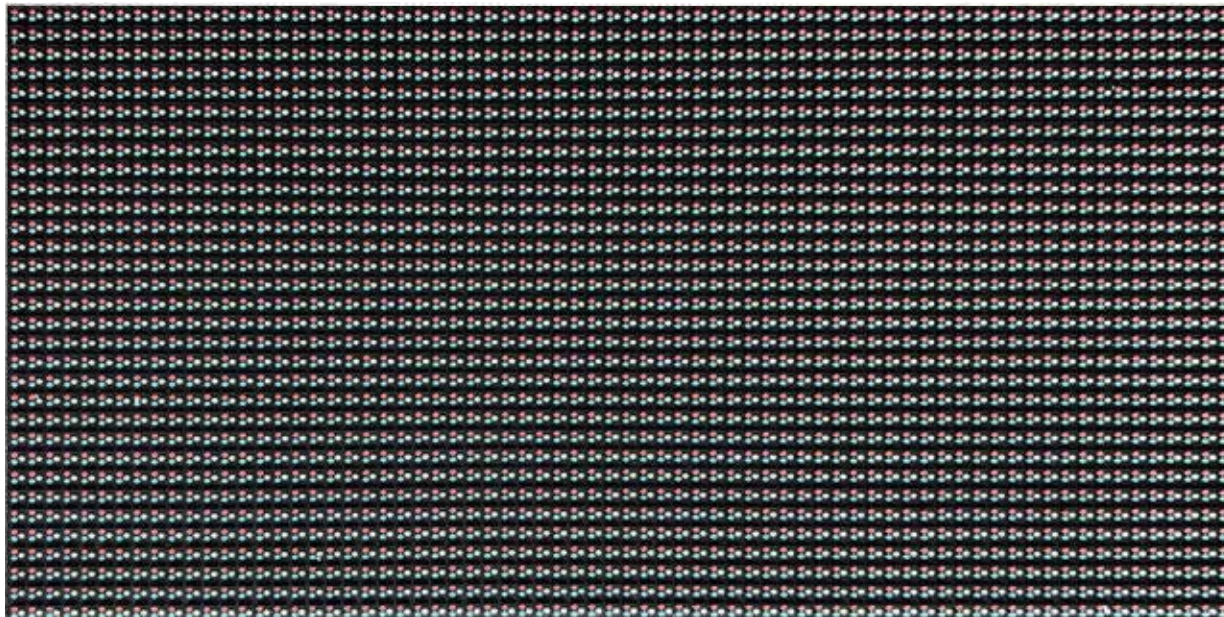
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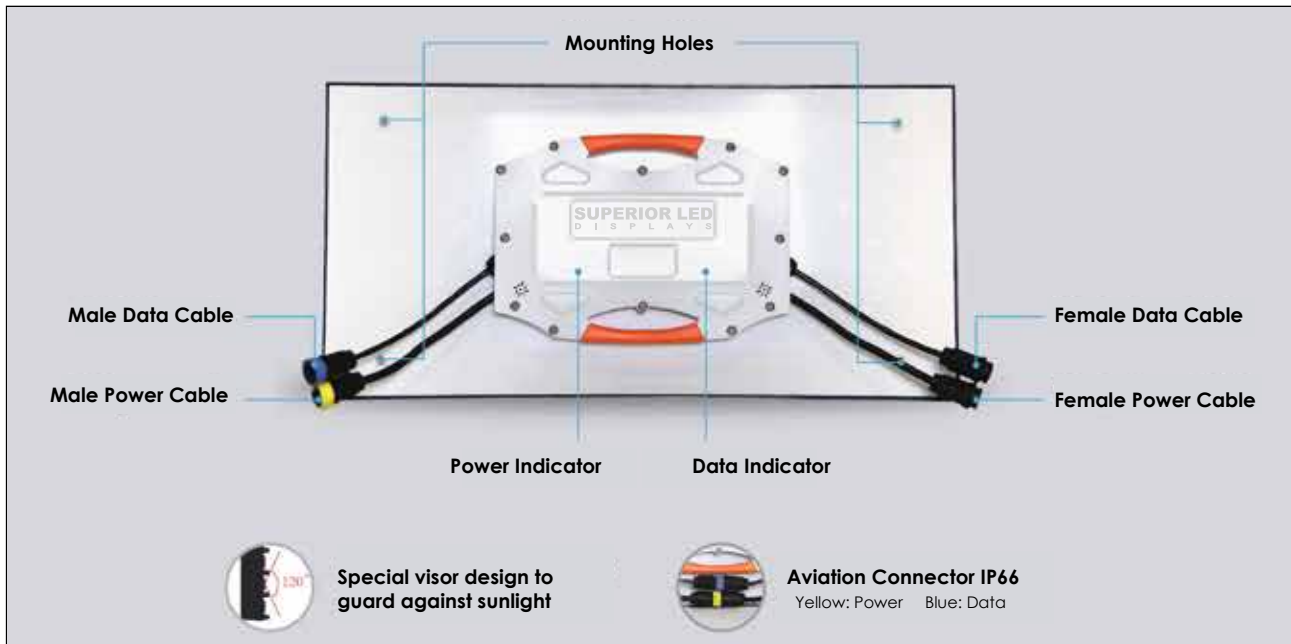
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**SUPERIOR LED**  
D I S P L A Y S



| PART                   | INFO                                              |
|------------------------|---------------------------------------------------|
| Pixel Pitch            | 9 mm                                              |
| Physical Density       | 2,048 pixels/m <sup>2</sup>                       |
| LED Arrangement        | REAL DIP 1R1G1B                                   |
| Matrix Pixel           | 64 x 32 pixels                                    |
| Module Dimension       | 1'- 0" x 2'- 0" x 2 <sup>3</sup> / <sub>8</sub> " |
| Service Access         | Front / Rear                                      |
| Viewing Angle          | 110° H / 40° V                                    |
| Panel Weight           | 13.22 lbs                                         |
| Brightness Level       | 10,000 nits                                       |
| Max Power Consumption  | 150w/panel                                        |
| Ave Power Consumption  | 55w/panel                                         |
| Operating Power Source | 120-220V AC 50-60Hz                               |
| Refresh Rate           | 3,000 Hz                                          |
| Life Span              | 100,000 Hours                                     |
| Protecting Rating      | IP66 - Waterproof                                 |