

## 16mm Outdoor



### Key Features

- Outdoor applications
- High resolution 16mm pixel spacing
- Modules are 16X16 matrices
- Multiple communications options
- Made of only the highest quality LEDs
- Manufactured entirely in the United States

### Specifications

|                     |  |                      |                                   |
|---------------------|--|----------------------|-----------------------------------|
| Pixel Pitch         | 16.5mm (.65") centers                                  | Module Configuration | 16x16 matrix                      |
| Pixel Configuration | 3-in1 SMD  | Module Size (in)     | 10.4" H x 10.4" W                 |
| Diode Type          | Surface Mount Technology (SMT)                         | Module Size (mm)     | 264.16mm H x 264.16mm W           |
| Pixel Density       | 3,669 m <sup>2</sup> / 344 ft <sup>2</sup>             | Module Weight        | 2.1 lbs / .95kg                   |
| Diode Density       | 11,077 m <sup>2</sup> / 1,032 ft <sup>2</sup>          | Power Frequency      | 120/240 volts, 50/60 Hz           |
| Brightness          | 7,500 nits   | Animation Rate       | 60 frames per second              |
| Viewing Angle       | 160° (+/- 80°) horizontal<br>75° (+17°/- 58°) vertical | Video Rate           | 60 frames per second              |
| LED Lifetime        | 100,000 hours  | Refresh Rate         | 49,920hz                          |
| Video Processing    | 24 bit, 100% digital                                   | Scan Rate            | 1:1 non-multiplexed               |
| Color Processing    | 16 bit per color (48 bit total)                        | Calibration          | Pixel to Pixel - Module to Module |
| Number of Colors    | 281 trillion colors                                    | Working Temperature  | (-40°F to 131°F) (-40°C to 55°C)  |
| Dimming Capability  | 8 bit (256 levels of brightness)                       | Cabinet Construction | All aluminum construction         |
| Color Wavelength    | red: 630nm<br>green: 530nm<br>blue:468nm               | Louvers              | Injection molded                  |
| Color Temperature   | 4,500 - 9,000K (adjustable)                            | Certification        | CE, UL/ULC listed                 |
|                     |  | Cooling              | Quiet running vent fans           |
|                     |  | IP Rating            | Module IP67, Cabinet IP65         |