

|                          |                                          |                                                  |
|--------------------------|------------------------------------------|--------------------------------------------------|
| Physical Parameters      | Pixel Configuration                      | 1R1G1B                                           |
|                          | LED Type                                 | SMD2020                                          |
|                          | Pixel Pitch (mm)                         | 2.976                                            |
|                          | Cabinet Resolution                       | 168x336                                          |
|                          | Pixel Density (dots/m <sup>2</sup> )     | 112896                                           |
|                          | Cabinet Size (L×W×H, mm)                 | 500X1000X78                                      |
|                          | Module Size (L×W×H, mm)                  | 250X250X16                                       |
|                          | Cabinet Material                         | die-casting aluminum                             |
|                          | Cabinet Weight (kg/cabinet)              | 13                                               |
|                          | Module Weight (kg/module)                | 0.6                                              |
|                          | Connection Method                        | Hardwired                                        |
| Electronic Parameters    | Gray Scale (bit)                         | 14-16bit                                         |
|                          | Gray Scale per Color (level)             | ≥16384                                           |
|                          | Refresh Rate (Hz)                        | 7680                                             |
|                          | Driving Type                             | 1/28                                             |
|                          | Signal Transmission Distance (m)         | CAT5 cable: <100 m;<br>Single mode fiber: <10 km |
| Optical Parameters       | Brightness (nit)                         | 600                                              |
|                          | Horizontal Viewing Angle (°)             | 140                                              |
|                          | Vertical Viewing Angle (°)               | 140                                              |
| Electrical Parameters    | Input Voltage (V)                        | AC: 100-240V±10%                                 |
|                          | Input Power Frequency (Hz)               | 50-60                                            |
|                          | Input Power, Max (W/m <sup>2</sup> )     | 600                                              |
|                          | Input Power, Typical (W/m <sup>2</sup> ) | 200                                              |
| Environmental Parameters | Storage Temperature (°C)                 | -40 -70                                          |
|                          | Operating Temperature (°C)               | -20 -50                                          |
|                          | IP Rating (Front/Rear)                   | IP31/IP31                                        |
|                          | Storage Humidity (RH)                    | 10%~90%                                          |
|                          | Operating Humidity (RH)                  | 10%~90%                                          |
|                          | LED Lifetime (hrs)                       | 100000                                           |
| Installation             | Installation Mode                        | Fix\Lifting                                      |
|                          | Max. Rigging Quantity (Vertical, pcs)    | \                                                |

Note: Specifications are subject to change due to product upgrades; the actual product shall prevail.