



Shenzhen Dicolor Optoelectronics Co., Ltd.  
F2-100-SPECIFICATIONS

|                           |   |                          |                  |
|---------------------------|---|--------------------------|------------------|
| Product NO.               | F2-100                                      |                          |                  |
| <b>Module Parameters</b>  |   |                          |                  |
| Pixel Pitch               | 10mm  |                          |                  |
| Resolution                | 32 × 32                                     |                          |                  |
| Pixel Quantity            | 1024  |                          |                  |
| Dimension                 | 320 × 320mm                                 |                          |                  |
| Pixel Configuration       | SMD2727 3-in-1                              |                          |                  |
| Driving Mode              | 1/2Scan                                     |                          |                  |
| Application               | Outdoor                                     |                          |                  |
| Weight                    | 1.9Kg                                       |                          |                  |
| <b>Cabinet Parameters</b> |   |                          |                  |
| Dimension                 | 1280 × 960 × 100mm                          |                          |                  |
| Resolution                | 128 × 96                                    |                          |                  |
| Pixel Quantity            | 12288                                       |                          |                  |
| Module Quantity           | 4 × 3                                       |                          |                  |
| Type                      | Aluminum                                    |                          |                  |
| Weight                    | Fix 44Kg, Sport 46Kg                        |                          |                  |
| Signal Interface          | DVI   |                          |                  |
| Source Compatibility      | YPbPr, PAL/NTSC, S-Video, HDMI, VGA, HD_SDI |                          |                  |
| Maintenance type          | Front/Back                                  |                          |                  |
| <b>Screen Parameters</b>  |   |                          |                  |
| Pixel Density             | 10000 Dot/m <sup>2</sup>                    | Input Voltage            | 110~220V AC      |
| Ave.Power Consumption     | 258W/sqm                                    | Working Temperature      | -20°C~+50°C      |
| Max.Power Consumption     | 775W/sqm                                    | Working Humidity         | 10%~90%RH        |
| Input Power               | 950W/sqm                                    | Optimal Viewing Distance | 10~100M          |
| Brightness                | 6000nits                                    | Viewing Angle            | H: 140° /V: 120° |
| Color Depth               | 14Bit                                       | IP Grade                 | IP65/IP54        |
| Refresh Rate              | ≥3840Hz                                     | Lifespan                 | 100000H          |
| Frame Frequency           | 50/60Hz                                     | Rotation angle           | --               |