

# LEDSOLUTION 4.81mm Die-Cast Outdoor SMD LED Panel

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SHENZHEN LEDSOLUTION TECHNOLOGY CO.,LTD

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| Parameter                                   | Unit         | Value                   |
|---|--------------|-------------------------|
| Pitch                                       | mm           | 4.81                    |
| Brightness                                  | nits         | 1200                    |
| Color temperature                           | deg. K       | 6500                    |
| Viewing angle - Horizontal (50% brightness) | deg.         | 140(-70 ~ +70)          |
| Viewing angle - Vertical (50% brightness)   | deg.         | 140(-70 ~ +70)          |
| Panel weight                                | kg           | 6                       |
| Panel width                                 | mm           | 500                     |
| Panel height                                | mm           | 500                     |
| Panel depth                                 | mm           | 65                      |
| Panel area                                  | sq. m.       | 0.25                    |
| Panel material                              |              | Die-cast Aluminum       |
| Panel Mode                                  |              | Die-Cast rental         |
| Operating temperature range                 | deg. C       | -20 to +60              |
| Humidity operating                          | RH           | 10% ~ 60%               |
| Pixel type and configuration                | R/G/B        | 3-in-1 SMD              |
| Resolution per panel                        |              | 104*104                 |
| Dot per panel                               |              | 10816                   |
| Dot per sq. meter                           |              | 43264                   |
| LED per sq. meter                           |              | 43264                   |
| Recommended minimum viewing distance        | m            | 3.6                     |
| Recommended best viewing distance           | m            | 4~100                   |
| Colors                                      |              | 281 Trillion            |
| Grey scale (linear)                         | Levels       | 65536                   |
| Brightness control                          | Levels       | 256                     |
| Contrast ratio                              |              | 3000:1                  |
| Processing depth                            | bit          | 16                      |
| Video frame rate                            | Hertz        | 60                      |
| Display refresh rate                        | Hertz        | 180~3000                |
| Input voltage (nominal)                     | VAC          | 110 to 240              |
| Input power frequency                       | Hertz        | 50 to 60                |
| Input power (max)                           | Watts / sqm. | 600                     |
| Input power (typical)                       | Watts / sqm. | 240                     |
| Lifetime (50% brightness)                   | Hours        | ≥100000                 |
| Red wavelength (dominant)                   | nm           | 620~625                 |
| Green wavelength (dominant)                 | nm           | 520~525                 |
| Blue wavelength (dominant)                  | nm           | 470~475                 |
| Multimedia data format                      |              | DVI,MPG,AVI,WMV,RM etc. |
| Data interconnection                        |              | UTP Cat 5/Optical Fiber |
| Mounting system                             |              | Hanging/Fixed           |

\*LEDSOLUTION reserves the right to change any specifications without notice.