



Shenzhen Absen Optoelectronic Co., Ltd.

A97-SPECIFICATIONS

Version: V1.3

| Parameter | | Value |
|------------------------------|---------------------------------------|---|
| Physical Parameter | Pixel Configuration | 3535 3in1 SMD |
| | Pixel Pitch (mm) | 10 |
| | Pixel matrix per panel | 128×96 |
| | Pixel density (pixels/sq.m.) | 10000 |
| | Module Dimensions (LxWxH)/ (mm) | 320×320 |
| | Cabinet Dimensions (LxWxH)/ (mm) | 1280×960×150 |
| | Panel material | Aluminum |
| | Cabinet weight (kg/panel) | 63 |
| Electronic Parameter | Color Grayscale (Bit) | 16 |
| | Gray Scale per Color (level) | 65536 |
| | Refresh Rate (Hz) | 2800 |
| | Driving Type | 1/2 |
| | Frame Frequency (Hz) | 50/60 |
| | Signal Transmission Distance (m) | CAT5 cable: <100 m; Single mode fiber: <10 km |
| Optical Parameter | Brightness (nit) | 5500 |
| | Color Contrast | 2000:01:00 |
| | Optimal Horizontal Viewing Angle (°) | 140 |
| | Optimal Vertical Viewing Angle (°) | 140 |
| Electrical Parameter | AC Input Voltage (V) | 100~240 |
| | AC Input Frequency (Hz) | 50/60 |
| | AC Input Power Maximum Value (W/sq.m) | 555 |
| | AC Input Power Typical Value (W/sq.m) | 185 |
| Circumstance Parameter | Storage Temperature (°C) | —40~+60 |
| | Operating Temperature (°C) | —20~+50 |
| | Storage Humidity (RH) | 10%~90% |
| | Operating Humidity (RH) | 10%~90% |
| | IP rating (Front/Rear) | IP65/IP54 |
| | Lifetime Typical Value (hrs) | 100000 |
| Installation type for rental | Cabinet installation type | rental \fix |
| | Maximum number of panel for Lifting | 9 |

B-A5-PD0-045-A