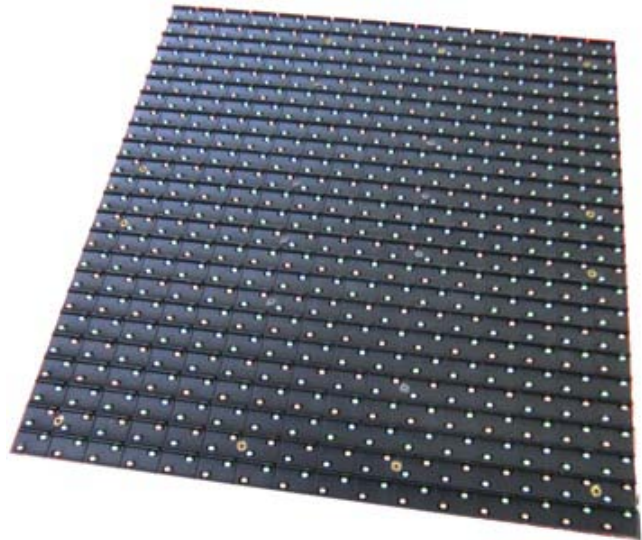


Introduction

SDM-P25RGB1616-OFVS is combine 2pcs of 16×8 full color Module made by Red, Green, Blue, LAMP LED together, design for wide range of applications such as video screens, graphic, and VMS without color distribution.

Applications

- Full Color Video Screen
- Outdoor Concert & Performance Screen
- Stadium Display
- Advertising Display
- Sport Parameter Screen
- Front Accessing



Features

| | | |
|-----------------------|----------------------------|------------|
| Module Type | Outdoor LED Display Module | |
| Maintenance Direction | Front Accessing | |
| Pixel Arrangement | 1R 1G 1B, LAMP LED | |
| Display Color | Full Color | |
| Module dimension | 400mm x 400mm | |
| Module Pixel | 256 pixel / module | |
| Pixel Pitch | 25mm | |
| Resolution | 1600 dot / m2 | |
| Brightness (Typ.) | 5000 cd/m2 | |
| View Angel | Horizontal Axis | 110 Degree |
| | Vertical Axis | 40 Degree |
| Weight (Avg.) | 2000g / Module | |

Product Characterize

Recommended Rating (Ta = 25°C)

| Item | Symbol | Value | Unit |
|----------------------|--------|-----------|------|
| Input Voltage | VCC | 5.0 ± 0.2 | DC V |
| Activity Temperature | Topr | 0 ~ 45 | °C |

Absolute Rating (Ta = 25°C)

| Item | Symbol | Value | Unit |
|-------------------------|--------|-------------|------|
| Control Circuit Voltage | VCC | - 0.3 ~ 5.2 | DC V |
| Activity Temperature | Topr | - 10 ~ 60 | °C |
| Storage Temperature | Tstg | - 20 ~ 85 | °C |

Electrical / Luminance Characterize

| | | | |
|----------------------|-----------------|---------|-----------|
| Luminance (Typ.) | Red | 1500 | cd/m2 |
| | Green | 3000 | cd/m2 |
| | Blue | 500 | cd/m2 |
| | White | 5000 | cd/m2 |
| Wavelength | Red | 625 ± 5 | nm |
| | Green | 525 ± 5 | nm |
| | Blue | 470 ± 5 | nm |
| Current Usage (Typ.) | Icc | 13 | A (DC 5V) |
| Viewing Angle (Typ.) | Horizontal Axis | 110 | Degree |
| | Vertical Axis | 40 | Degree |

*Drive Method : Static Drive (shift resistor type External & internal 4,096 gray level)

*Luminance Tolerance : 15% for each color

Module dimension

