

# Product Specification

ModelName: YM5340

## Product Specification



### Product Features

- ◆ Innovative module PSU circuit design, reduce transmission current thus to decrease module heating and transmission loss;
- ◆ CVTE self-brand power supply and high-efficiency voltage converting technology adopted;
- ◆ RoHS-standard components processed with lead-free technology, shoulder the responsibility of environmental protection to benefit future generations;
- ◆ CCC, CQC, CE, ETL, FCC, CB certified;
- ◆ Cabinet with 68mm thickness and 20.5kg weight, reduce steel structure cost and save onsite space, highly merged with buildings;
- ◆ 18bit+ color depth, 3840Hz ultra-high refresh rate, 13000:1 high contrast, enabling outstanding display effect even under strong direct sunlight and dark night;
- ◆ Fully-enclosed cabinet (IP65 for front and rear sides), suits the normal use under harsh environment and bad weather;
- ◆ Cabinet supported with full front and rear service application requirements, satisfy different application needs;
- ◆ Supported to customize outdoor projects, with option to do the 3D naked-eye arc or 90°splicing large screen, etc.

| Product Parameter                                 |                                           |
|---------------------------------------------------|-------------------------------------------|
| Physical Parameter                                |                                           |
| Pixel Composition                                 | SMD 1921                                  |
| Pixel Pitch (mm)                                  | 4.0                                       |
| Module Resolution (dots)                          | 120*80                                    |
| Cabinet Resolution (dots)                         | 240*240                                   |
| Pixel Density (dots/m <sup>2</sup> )              | 62500                                     |
| Module Size (mm)                                  | 480*320                                   |
| Cabinet Size (L*W*H) / (mm)                       | 960*960*68                                |
| Cabinet Material                                  | Aluminum Profile                          |
| Cabinet Module Layout (W*H)                       | 2*3                                       |
| Cabinet Maintenance                               | Front & Rear Access                       |
| Module Maintenance                                | Front & Rear Access                       |
| Weight                                            | 20.5kg/SingleCabinet22.5kg/m <sup>2</sup> |
| Optical Parameter                                 |                                           |
| Color Processing Depth (Bit)                      | 18+                                       |
| Contrast                                          | ≥ 10000:1                                 |
| White Balance Brightness (nit)                    | 5500                                      |
| Refresh Rate Frequency (Hz)                       | 3840                                      |
| Viewing Angle ( H/V °)                            | 140/120                                   |
| Electrical Parameter                              |                                           |
| AC Input Voltage (V)                              | AC100~240V@ 50/60Hz                       |
| Single Cabinet Maximum Power Consumption (W/Unit) | 480                                       |

|                                                   |                         |
|---------------------------------------------------|-------------------------|
| Single Cabinet Average Power Consumption (W/Unit) | 160                     |
| Maximum Power Consumption (W/m <sup>2</sup> )     | 520                     |
| Average Power Consumption (W/m <sup>2</sup> )     | 173                     |
| Brightness Uniformity                             | ≥ 95%                   |
| Operating Temperature(℃)                          | -20~+50                 |
| Operating Humidity (RH)                           | 10%~90% No Condensation |

Note: the actual parameters may vary due to different configurations. Above data is for reference only.

1. Brightness and power consumption and other indicators may have a difference of  $\pm 15\%$  due to the difference of LED batches

## Product Structure Dimensions

