



# Shenzhen Absen Optoelectronic Co., Ltd.

## A1021- Specifications

Version : V20211018

| Parameter                |                                                  | Value            |
|--------------------------|--------------------------------------------------|------------------|
| Physical Parameter       | LED Type                                         | SMD 3in1 2727    |
|                          | Pixel Pitch (mm)                                 | 10               |
|                          | Panel Dimensions (WxHxD)/(mm)                    | 960x640x72       |
|                          | Pixel Per Panel                                  | 96x64            |
|                          | Panel Weight (kg)                                | 18               |
|                          | Panel Material                                   | Aluminum Profile |
|                          | Module Dimensions (WxH)/(mm)                     | 320x320          |
| Optoelectronic Parameter | Brightness (nit)                                 | 7500             |
|                          | Refresh Rate (Hz)                                | > 15000          |
|                          | Gray scale ( Bit )                               | 16               |
|                          | Contrast Ratio                                   | 14000 : 1        |
|                          | Color Temperature (K)                            | 7500             |
|                          | Viewing Angle (H/V) (°)                          | 160/80           |
|                          | Driving Type                                     | 1/2              |
|                          | AC Operating Voltage (V)                         | 100 ~ 240        |
|                          | Power Consumption (Max./Avg.)(W/m <sup>2</sup> ) | 700/233          |
| Application Parameter    | Storage Temperature (°C)                         | -40 ~ +60        |
|                          | Operating Temperature (°C)                       | -30 ~ +50        |
|                          | Storage Humidity (RH)                            | 10% ~ 90%        |
|                          | Operating Humidity (RH)                          | 10% ~ 90%        |
|                          | IP Rating (Front/Rear)                           | IP65/IP54        |
|                          | Module Maintenance                               | Front or Rear    |
|                          | PSU & Others Maintenance                         | Front or Rear    |
|                          | Panel Installation Type                          | Fixed            |
|                          | Max Rigging QTY.                                 | /                |
|                          | Certificate                                      | CE,FCC,CCC,ETL   |

Remark:Power consumption tolerance:  $\pm 15\%$ , according to the actual situation.