



# Shenzhen Absen Optoelectronic Co., Ltd.

## K1.9 PLUS -Specifications

Version : V20191226

| Parameter                |  | Value                |
|--------------------------|--|----------------------|
| Physical Parameter       | LED Type   | SMD 3in1 1415        |
|                          | Pixel Pitch (mm)                                 | 1.95                 |
|                          | Panel Dimensions (WxHxD)/(mm)                    | 500*1000*62.5        |
|                          | Pixel Per Panel                                  | 256*512              |
|                          | Panel Weight (kg)                                | 11                   |
|                          | Panel Material                                   | Die Casting Aluminum |
|                          | Module Dimensions (WxH)/(mm)                     | 250*250              |
| Optoelectronic Parameter | Brightness (nit)                                 | 700                  |
|                          | Refresh Rate (Hz)                                | 1920/3840            |
|                          | Gray scale ( Bit )                               | 13                   |
|                          | Contrast Ratio                                   | 3000:1               |
|                          | Color Temperature (K)                            | 6500                 |
|                          | Viewing Angle (H/V) (°)                          | 160/160              |
|                          | Driving Type                                     | 1/64                 |
|                          | AC Operating Voltage (V)                         | 100 ~ 240            |
|                          | Power Consumption (Max./Avg.)(W/m <sup>2</sup> ) | 480/160              |
| Application Parameter    | Storage Temperature (°C)                         | - 40 ~ + 60          |
|                          | Operating Temperature (°C)                       | -10 ~ + 40           |
|                          | Storage Humidity (RH)                            | 10% ~ 85%            |
|                          | Operating Humidity (RH)                          | 10% ~ 80%            |
|                          | IP Rating (Front/Rear)                           | IP40/IP21            |
|                          | LED Lifetime (H)                                 | 100000               |
|                          | Module Maintenance                               | Front or Rear        |
|                          | PSU & Others Maintenance                         | Front or Rear        |
|                          | Panel Installation Type                          | Front/Rear           |
|                          | Max Rigging QTY.                                 | 6                    |
|                          | Certificate                                      | CCC,CE,ETL,FCC,ROHS  |

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