



# Shenzhen Absen Optoelectronic Co., Ltd.

## ALT1.2 - Specifications

Version: V20260409

| Parameter                |   | Value                            |
|--------------------------|---|----------------------------------|
| Physical Parameter       | LED Type  | Flip-Chip COB                    |
|                          | Pixel Pitch (mm)  | 1.25                             |
|                          | Panel Dimensions (WxHxD)/(mm /inch)   | 600x337.5x37.7(23.62x13.29x1.48) |
|                          | Pixel Per Panel   | 480x270                          |
|                          | Panel Weight (kg /lbs)  | 4.5(9.9)                         |
|                          | Panel Material  | Die Casting Aluminum             |
|                          | Module Dimensions (WxH)/(mm /inch)  | 150x168.75(5.91x6.64)            |
| Optoelectronic Parameter | Brightness (nit)  | 600                              |
|                          | Refresh Rate (Hz)   | 3840                             |
|                          | Gray scale (Bit)  | 13                               |
|                          | Contrast Ratio  | 3000:1                           |
|                          | Color Temperature (K)   | 6500                             |
|                          | Viewing Angle (H/V) (°)   | 160/160                          |
|                          | Driving Type  | 1/60                             |
|                          | AC Operating Voltage (V)  | 100~240                          |
|                          | Power Consumption (Max./Avg.)(W/m <sup>2</sup> )/( W/ft <sup>2</sup> )      | 320/150(29.73/13.94)             |
|                          | Heat Generated(Max./Avg.)(BTU/h/m <sup>2</sup> ) / (BTU/h/ft <sup>2</sup> ) | 1092/512(101.37/47.52)           |
| 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                        |
|                          | Module Maintenance  | Front                            |
|                          | PSU & Others Maintenance  | Front                            |
|                          | Panel Installation Type   | Fixed                            |
|                          | Max Rigging QTY.  | /                                |
|                          | Certificate   | CCC,CE,FCC                       |

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

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# Shenzhen Absen Optoelectronic Co., Ltd.

## ALT1.5- Specifications

Version: V20260409

| Parameter                |   | Value                            |
|--------------------------|---|----------------------------------|
| Physical Parameter       | LED Type  | Flip-Chip COB                    |
|                          | Pixel Pitch (mm)  | 1.56                             |
|                          | Panel Dimensions (WxHxD)/(mm /inch)   | 600x337.5x37.7(23.62x13.29x1.48) |
|                          | Pixel Per Panel   | 384x216                          |
|                          | Panel Weight (kg /lbs)  | 4.5(9.9)                         |
|                          | Panel Material  | Die Casting Aluminum             |
|                          | Module Dimensions (WxH)/(mm /inch)  | 150x168.75(5.91x6.64)            |
| Optoelectronic Parameter | Brightness (nit)  | 600                              |
|                          | Refresh Rate (Hz)   | ≥3840                            |
|                          | Gray scale (Bit)  | 13                               |
|                          | Contrast Ratio  | 3000:1                           |
|                          | Color Temperature (K)   | 6500                             |
|                          | Viewing Angle (H/V) (°)   | 160/160                          |
|                          | Driving Type  | 1/54                             |
|                          | AC Operating Voltage (V)  | 100~240                          |
|                          | Power Consumption (Max./Avg.)(W/m <sup>2</sup> )/( W/ft <sup>2</sup> )      | 285/130(26.48/12.08)             |
|                          | Heat Generated(Max./Avg.)(BTU/h/m <sup>2</sup> ) / (BTU/h/ft <sup>2</sup> ) | 973/444(90.28/41.18)             |
| 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                        |
|                          | Module Maintenance  | Front                            |
|                          | PSU & Others Maintenance  | Front                            |
|                          | Panel Installation Type   | Fixed                            |
|                          | Max Rigging QTY.  | /                                |
|                          | Certificate   | CCC,FCC,CE                       |

Remark: Power consumption tolerance: ±15%, according to the actual situation.

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