

|                           |                                                 | LAS012DB2-F                           | LAS014DB2-F                           | LAS015DB2-F                           | LAS018DB2-F                           | LAS025DB2-F                           |
|---------------------------|-------------------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| PHYSICAL PARAMETERS       | Pixel Configuration                             | 3 in 1 SMD                            | 3 in 1 SMD                            | 3 in 1 SMD                            | 3 in 1 SMD                            | LAS025DB2-F                           |
|                           | Pixel Pitch (mm)                                | 1.26                                  | 1.45                                  | 1.58                                  | 1.89                                  | 2.52                                  |
|                           | Module Resolution (W × H)                       | 240 × 135                             | 208 × 117                             | 192 × 108                             | 160 × 90                              | 120 × 68                              |
|                           | Module Dimensions (W × H, mm)                   | 302.4 × 170.1                         | 302.4 × 170.1                         | 302.4 × 170.1                         | 302.4 × 170.1                         | 302.4 × 170.1                         |
|                           | Weight per Module (kg)                          | 0.52                                  | 0.52                                  | 0.52                                  | 0.52                                  | 0.52                                  |
|                           | No. of Modules per Unit Case (W × H)            | 2 × 2                                 | 2 × 2                                 | 2 × 2                                 | 2 × 2                                 | 2 × 2                                 |
|                           | Unit Case Resolution (W × H)                    | 480 × 270                             | 416 × 234                             | 384 × 216                             | 320 × 180                             | 240 × 136                             |
|                           | Unit Case Dimensions (W × H × D, mm)            | 604.8 × 340.2 × 72.5                  | 604.8 × 340.2 × 72.5                  | 604.8 × 340.2 × 72.5                  | 604.8 × 340.2 × 72.5                  | 604.8 × 340.2 × 72.5                  |
|                           | Unit Case Surface Area (m <sup>2</sup> )        | 0.206                                 | 0.206                                 | 0.206                                 | 0.206                                 | 0.206                                 |
|                           | Weight per Unit Case (kg/unit)                  | 5.2                                   | 5.2                                   | 5.2                                   | 5.2                                   | 5.2                                   |
|                           | Weight per Square Meter (kg/m <sup>2</sup> )    | 26.0                                  | 26.0                                  | 26.0                                  | 26.0                                  | 26.0                                  |
|                           | Physical Pixel Density (pixels/m <sup>2</sup> ) | 629,882                               | 473,111                               | 403,124                               | 279,947                               | 158,637                               |
|                           | Flatness of Unit Case (mm)                      | ±0.5                                  | ±0.5                                  | ±0.5                                  | ±0.5                                  | ±0.5                                  |
|                           | Unit Case Material                              | Magnesium Alloy                       | Magnesium Alloy                       | Magnesium Alloy                       | Magnesium Alloy                       | Magnesium Alloy                       |
|                           | Service Access                                  | Front                                 | Front                                 | Front                                 | Front                                 | Front                                 |
| OPTICAL SPECIFICATIONS    | Brightness (After Calibration)                  | 600 cd/m <sup>2</sup>                 | 600 cd/m <sup>2</sup>                 | 600 cd/m <sup>2</sup>                 | 600 cd/m <sup>2</sup>                 | 600 cd/m <sup>2</sup>                 |
|                           | Color Temperature                               | 3,000 ~ 10,000                        | 3,000 ~ 10,000                        | 3,000 ~ 10,000                        | 3,000 ~ 10,000                        | 3,000 ~ 10,000                        |
|                           | Viewing Angle (H × V)                           | 160 × 140                             | 160 × 140                             | 160 × 140                             | 160 × 140                             | 160 × 140                             |
|                           | Brightness Uniformity                           | ≥97%                                  | ≥97%                                  | ≥97%                                  | ≥97%                                  | ≥97%                                  |
|                           | Color Uniformity                                | ±0.003Cx,Cy                           | ±0.003Cx,Cy                           | ±0.003Cx,Cy                           | ±0.003Cx,Cy                           | ±0.003Cx,Cy                           |
|                           | Contrast Ratio                                  | 7,000                                 | 7,000                                 | 7,000                                 | 7,000                                 | 7,000                                 |
|                           | Processing Depth (bit)                          | 16                                    | 16                                    | 16                                    | 16                                    | 16                                    |
| ELECTRICAL SPECIFICATIONS | Power Consumption (W/Unit, Avg.)                | 54                                    | 54                                    | 54                                    | 54                                    | 54                                    |
|                           | Power Consumption (W/Unit, Max.)                | 180                                   | 180                                   | 180                                   | 180                                   | 180                                   |
|                           | Power Consumption (W/m <sup>2</sup> , Max.)     | 874                                   | 874                                   | 874                                   | 874                                   | 874                                   |
|                           | Power Supply (V)                                | 100 to 240                            | 100 to 240                            | 100 to 240                            | 100 to 240                            | 100 to 240                            |
|                           | Frame Rate (Hz)                                 | 50 / 60                               | 50 / 60                               | 50 / 60                               | 50 / 60                               | 50 / 60                               |
|                           | Refresh Rate (Hz)                               | 3,000                                 | 3,000                                 | 3,000                                 | 3,000                                 | 3,000                                 |
| OPERATION SPECIFICATIONS  | Lifetime (Half brightness)                      | 100,000                               | 100,000                               | 100,000                               | 100,000                               | 100,000                               |
|                           | Operating Temperature (°C)                      | -10°C to +40°C                        | -10°C to +40°C                        | -10°C to +40°C                        | -10°C to +40°C                        | -10°C to +40°C                        |
|                           | Operating Humidity                              | 10 ~ 80%RH                            | 10 ~ 80%RH                            | 10 ~ 80%RH                            | 10 ~ 80%RH                            | 10 ~ 80%RH                            |
| CERTIFICATION             | Safety                                          | IEC 60950-1 / EN 60950-1 / UL 60950-1 | IEC 60950-1 / EN 60950-1 / UL 60950-1 | IEC 60950-1 / EN 60950-1 / UL 60950-1 | IEC 60950-1 / EN 60950-1 / UL 60950-1 | IEC 60950-1 / EN 60950-1 / UL 60950-1 |
|                           | EMC                                             | FCC Class "A" / CE / KC               | FCC Class "A" / CE / KC               | FCC Class "A" / CE / KC               | FCC Class "A" / CE / KC               | FCC Class "A" / CE / KC               |
|                           | Environment                                     | RoHS                                  | RoHS                                  | RoHS                                  | RoHS                                  | RoHS                                  |
| CONTROLLER                |                                                 | LCLY006HD                             | LCLY006HD                             | LCLY006HD                             | LCLY006HD                             | LCLY006HD                             |

\*Specifications are subject to change without notice and the lifetime (Half brightness) spec is subject to LED package spec.