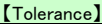




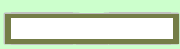



**Specification of OLED Lighting Panels --P07 Series--**

**LTS-1\*\*\*\***

| Models                         |   | Standard Model *1   |   |   |  |   |   | Measuring method  |  |
|--------------------------------|---|---|---|---|--|---|---|---|--|
| Product Numbers                |   | P07B0507W-<br>A14A  | P07A0203W-<br>A14A  | P07C0610W-<br>A14A  | P07D0407W-<br>A14A   | P07E0305W-<br>A14A  | P07F0000W-<br>B04*  |   |  |
| Externals                      |   |  |  |  |  |  |  |  |  |
| Size (W x L)                   | mm  | ±0.7  | 145 x 145   | 97.6 x 97.6   | 287 x 97   | 287 x 74  | 287 x 59.5  | 44.7 x 46.7   | Caliper  |
| (T)                            | mm  | ±0.30   | 2.30  | 2.10  | 2.30   |   | 1.46  |   | Micrometer                                       |
| Active area (W x L)            | mm  | ±0.5  | 125 x 125   | 77.8 x 77.8   | 264 x76.8  | 264 x 53.8  | 264 x 39.3  | 36.7 x 35.9   | Caliper  |
| Weight                         | g   | ±10%  | 107   | 43  | 143  | 107   | 84  | 7   | Microbalance                                     |
| Operating Temperature Range *2 | °C  | —   | 5 ~ 40  |   |  |   |   |   |  |
| Storage Temperature Range      | °C  | —   | -20 ~ 50  |   |  |   |   |   |  |
| Correlated Color Temperature   | K   | ±15%  | 4,000<br>(White)  |   |  |   |   |   | Integrating sphere<br>Spectroradiometer(CS-2000) |
| Maximum Luminous Flux          | lm  | ±15%  | 142   | 55  | 184  | 129   | 94  | 12  | Integrating sphere<br>Spectroradiometer(CS-2000) |
| Maximum Luminance              | cd/m <sup>2</sup>                         | ±15%  | 3,000   |   |  |   |   |   | 2D Color Analyzer (UA-1000A)                     |
| Luminance Umifomity            | %   | —   | ≤20   |   |  |   |   |   | Standard deviation/Average luminance             |
| Color Rendering Index (Ra)     |   | ±10%  | 90  |   |  |   |   |   | Integrating sphere<br>Spectroradiometer(CS-2000) |
| Chromaticity coordinate (x,y)  |   | ±0.025  | (0.377, 0.373)  |   |  |   |   |   | 2D Color Analyzer(UA-1000A)                      |
| Rated current                  | A   | ±0.01   | 0.74  | 0.29  | 0.96   | 0.67  | 0.49  | 0.066   | Digital multimeter                               |
| Rated voltage *3               | V   | —   | 6.3   | 5.9   | 6.3  |   | 6.1   | 5.9   | Digital multimeter                               |
| Energy Comsunption             | W   | —   | 4.66  | 1.71  | 6.05   | 4.22  | 2.99  | 0.39  | Rated current x Rated voltage                    |
| Luminous efficacy              | lm/w                                      | —   | 30  | 32  | 30   |   | 31  | 31  | Maximum Luminous Flux/Energy Comsunption         |
| Life-time *4                   | (L <sub>0</sub> =1000 cd/m <sup>2</sup> ) | h   | 120,000   |   |  |   |   |   |  |
|                                | (L <sub>0</sub> =3000 cd/m <sup>2</sup> ) | h   | 24,000  |   |  |   |   |   |  |
| LT50                           | (L <sub>0</sub> =1000 cd/m <sup>2</sup> ) | h   | 60,000  |   |  |   |   |   |  |
|                                | (L <sub>0</sub> =3000 cd/m <sup>2</sup> ) | h   | 12,000  |   |  |   |   |   |  |

160706

\*1 The figures here may be changed without any notice. The above performance data (except for life-time data @1000cd/m2) are values when operating at the rated current.

\*2 Surface temperature of the driving panel must be less than 50°C.

\*3 A constant current power source is needed since a rated current defines a rated voltage. A protection circuit to turn off electricity is needed in case of short circuit.

When driven by a constant current, if the voltage applied to the panel is less than 4V, the power should be shut off.

\*4 We accept no responsibility for product life-time since the above life-time data are design values.