

# Usurface Series

## PRODUCT SPECIFICATION

### UsurfaceⅢ8.33 Pro Eco-Bright, Steady Light



#### Product Features

- Excellent display performance
- Energy saving circuit technology
- IP69K high protection level
- Front & Rear installation maintenance
- 5 years brightness warranty\*

\*Optional

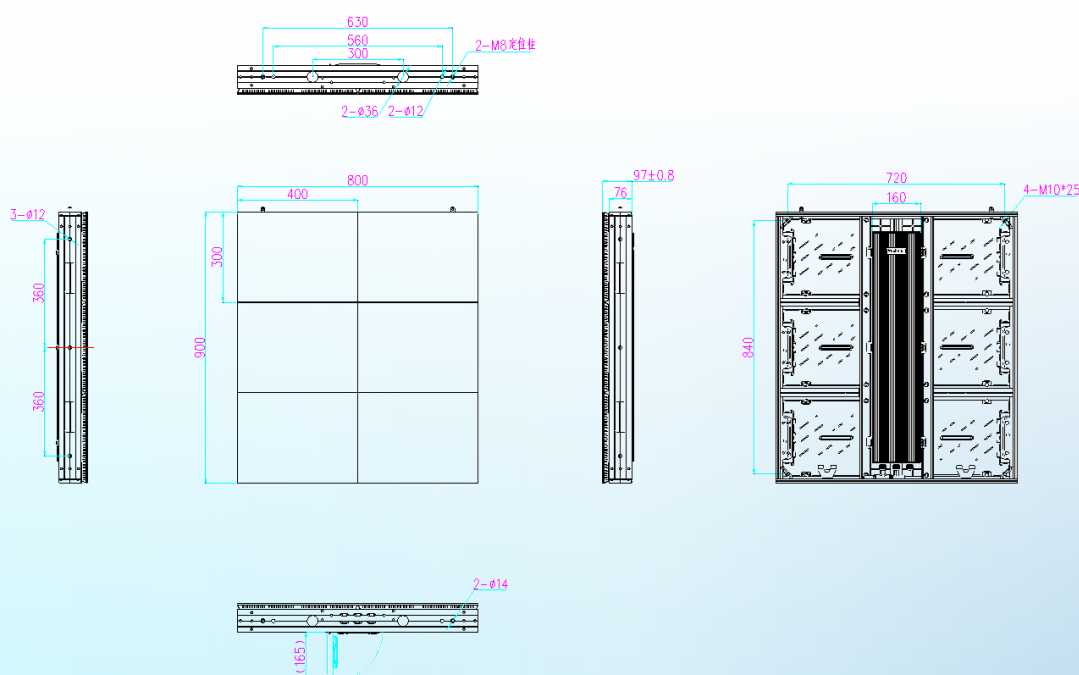


Figure 1 800\*900mm Drawing of Cabinet

## SPECIFICATION PARAMETERS

| Specification           |                                          | UsurfaceⅢ8.33 Pro                 |              |              |                |
|-------------------------|------------------------------------------|-----------------------------------|--------------|--------------|----------------|
| Cabinet<br>Parameter    | Pixel Pitch(mm)                          | 8.33                              |              |              |                |
|                         | LED Type                                 | SMD2727                           |              |              |                |
|                         | Pixel Density(pixels/m <sup>2</sup> )    | 14,400                            |              |              |                |
|                         | Pixels Per Module(pixels)                | 48×36                             |              |              |                |
|                         | Module Size(W×H)/(mm)                    | 400×300                           |              |              |                |
|                         | Pixels Per Panel(pixels)                 | 96×108                            | 96×144       | 144×108      | 144×144        |
|                         | Panel Size(W×H×D)/(mm)                   | 800×900×97                        | 800×1,200×97 | 1,200×900×97 | 1,200×1,200×97 |
|                         | Weight(kg/m <sup>2</sup> )               | 29                                | 29           | 30           | 30             |
|                         | Maintenance                              | Front & Rear                      |              |              |                |
|                         | Ingress Protection                       | IP69K                             |              |              |                |
|                         | Planeness(mm)                            | ≤0.45                             |              |              |                |
|                         | Recommended Viewing Distance(m)          | ≥9                                |              |              |                |
|                         | Material                                 | Profile aluminum                  |              |              |                |
|                         |                                          |                                   |              |              |                |
| Optical<br>Parameter    | Brightness(cd/m <sup>2</sup> )           | 10,000                            |              |              |                |
|                         | Calibration                              | Support brightness and chroma     |              |              |                |
|                         | Brightness Control                       | Manual/Automatic                  |              |              |                |
|                         | Color Temperature                        | 2,000-9,500K Adjustable           |              |              |                |
|                         | Horizontal Viewing Angle(°)              | 160                               |              |              |                |
|                         | Vertical Viewing Angle(°)                | 135                               |              |              |                |
|                         | Contrast Ratio                           | 14,000:1                          |              |              |                |
|                         | Gray Scale(bits)                         | ≥14bit                            |              |              |                |
|                         | LED Life Time(Hours)                     | 100,000                           |              |              |                |
| Electrical<br>Parameter | Input Power <Max>(W/m <sup>2</sup> )     | 650                               |              |              |                |
|                         | Input Power <Typical>(W/m <sup>2</sup> ) | 217                               |              |              |                |
|                         | AC Input Voltage(V)                      | 100-240                           |              |              |                |
|                         | Refresh Rate(Hz)                         | ≥7,680                            |              |              |                |
|                         | Video Frame Rate(Hz)                     | 50/60                             |              |              |                |
| Operation<br>Conditions | Operating Temperature/Humidity           | -20℃~+50℃(Optional -40℃)/10~90%RH |              |              |                |
|                         | Storage Temperature/Humidity             | -30℃~+60℃(Optional -40℃)/10~80%RH |              |              |                |
|                         | Standard Mounting Configuration          | Fixed                             |              |              |                |

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

- Product pictures are for illustration only, the actual product effects (including but not limited to appearance, color, size) may be slightly different, please refer to the actual product;
- The specification parameters are reference values. Part of the data comes from Unilumin's internal laboratory and is obtained under a specific test environment. In actual use, it may be slightly different due to product batch differences, configuration differences, software versions, use conditions and environmental factors. Actual usage shall prevail.