# Usurface Series

## PRODUCT SPECIFICATION

### UsurfaceⅢ-ES10 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

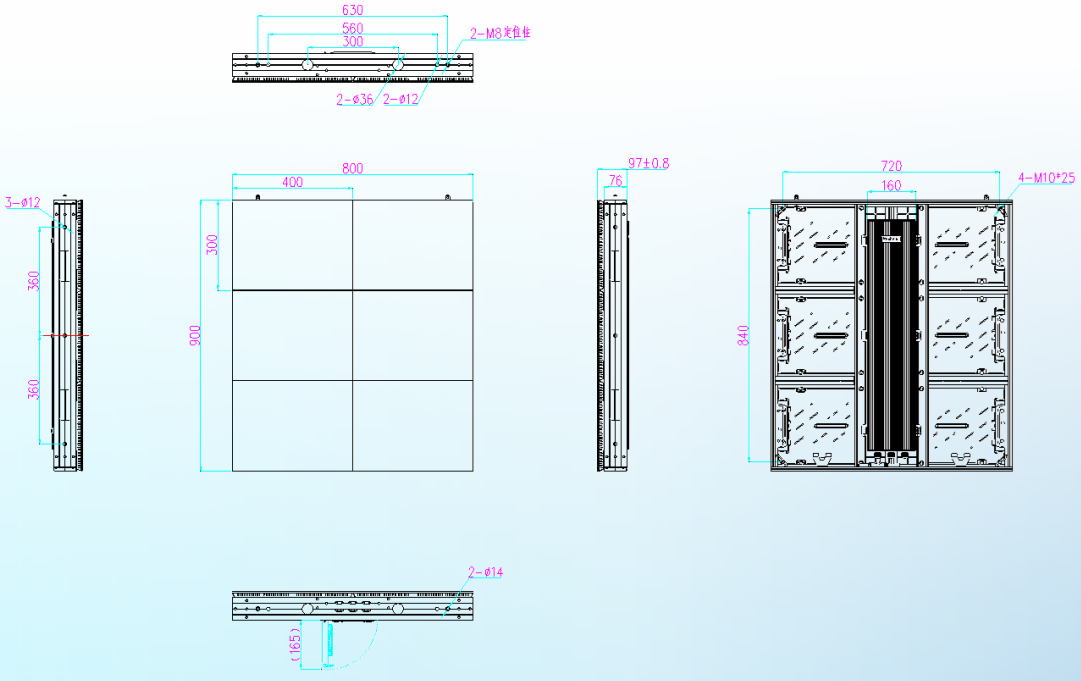



Figure 1 800*900mm Drawing of Cabinet

# SPECIFICATION PARAMETERS

| Specification | | UsurfaceⅢ-ES10 | | | |
|---|---|---|---|---|---|
| Cabinet Parameter | Pixel Pitch(mm) | 10 | | | |
| | LED Type | SMD2727 | | | |
| | Pixel Density(pixels/m²) | 10,000 | | | |
| | Pixels Per Module(pixels) | 40×30 | | | |
| | Module Size(W×H)/(mm) | 400×300 | | | |
| | Pixels Per Panel(pixels) | 80×90 | 80×120 | 120×90 | 120×120 |
| | Panel Size(W×H×D)/(mm) | 800×900×97 | 800×1,200×97 | 1,200×900×97 | 1,200×1,200×97 |
| | Weight(kg/m²) | 29 | 29 | 30 | 30 |
| | Maintenance | Front & Rear | | | |
| | Ingress Protection | IP69K | | | |
| | Planeness(mm) | ≤0.5 | | | |
| | Recommended Viewing Distance(m) | ≥10 | | | |
| | Material | Profile aluminum | | | |
| Optical Parameter | Brightness(cd/m²) | 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(°) | 145 | | | |
| | Contrast Ratio | 36,000:1 | | | |
| | Gray Scale(bits) | ≥16bit | | | |
| | LED Life Time(Hours) | 100,000 | | | |
| Electrical Parameter | Input Power <Max>(W/m²) | 580 | | | |
| | Input Power <Typical>(W/m²) | 145 | | | |
| | AC Input Voltage(V) | 100-240 | | | |
| | Scan Rate | 1/2 | | | |
| | Refresh Rate(Hz) | ≥15,360 | | | |
| | Video Frame Rate(Hz) | 50/60 | | | |
| Operation 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.**

1. 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;

2. 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.