TECHNICAL DATASHEET / OUTDOOR

# SQUARE 1000



| PRODUCT SPECIFICATION | | | |
|---|---|---|---|
| Pixel pitch (mm) | 2.97 | 3.91 | 4.81 |
| Model code | SA-O-P297 | SA-O-P391 | SA-O-P481 |
| **DISPLAY PERFORMANCE** | | | |
| Brightness (nits) | 6000 | 5500-6500 | 5500-6500 |
| Pixel density (px/m²) | 112,896 | 65,536 | 43,264 |
| Cabinet resolution (px) | 336 × 336 | 256 × 256 | With quotation* |
| Module resolution (px) | 168 × 84 | 128 × 64 | 104 × 52 |
| Scan mode | 1/21 | 1/16 | 1/13 |
| Refresh rate | 1,920 / 3,840 Hz | | |
| Grayscale | 16 bit | | |
| Contrast ratio | 5,000:1 | | |
| Viewing angle | 120° horizontal / 120° vertical | | |
| **MECHANICAL & SERVICE** | | | |
| Cabinet size (W × H × D) | 1000 × 1000 × 64 mm | | |
| Cabinet size (inches) | 39.37 × 39.37 × 2.52 in | | |
| Cabinet net weight | 30 kg / 66.14 lb | | |
| Module size (W × H) | 500 × 250 mm | | |
| Cabinet material | Aluminum profile | | |
| Service access | Front / rear | | |
| **ELECTRICAL & ENVIRONMENT** | | | |
| Input voltage | 100-240 V AC | | |
| Average power (W/m²) | 265 | 265 | 265 |
| Maximum power (W/m²) | 800 | 800 | 800 |
| Control system | NovaStar / Colorlight | | |
| IP rating (front / rear) | IP65 / IP65 | | |
| Operating temperature | -20 to +60 °C / -4 to +140 °F | | |
| Relative humidity | 10%-90% | | |
| **WARRANTY & DOCUMENTATION** | | | |
| Warranty | 2 years | | |
| Certifications | CE, EMC, RoHS, CB | | |

*P4.81 cabinet resolution is confirmed with your quotation.

TECHNICAL DATASHEET / OUTDOOR

# SQUARE 1000



| PRODUCT SPECIFICATION | | | |
|---|---|---|---|
| Pixel pitch (mm) | 6.25 | 7.81 | 10.41 |
| Model code | SA-O-P625 | SA-O-P781 | SA-O-P1041 |
| **DISPLAY PERFORMANCE** | | | |
| Brightness (nits) | 6500 | 6500 | 6500 |
| Pixel density (px/m²) | 25,600 | 16,384 | 9,216 |
| Cabinet resolution (px) | 160 × 160 | 128 × 128 | 96 × 96 |
| Module resolution (px) | 80 × 40 | 64 × 32 | 48 × 24 |
| Scan mode | 1/5 | 1/4 | 1/2 |
| Refresh rate | 1,920 / 3,840 Hz | | |
| Grayscale | 16 bit | | |
| Contrast ratio | 5,000:1 | | |
| Viewing angle | 120° horizontal / 120° vertical | | |
| **MECHANICAL & SERVICE** | | | |
| Cabinet size (W × H × D) | 1000 × 1000 × 64 mm | | |
| Cabinet size (inches) | 39.37 × 39.37 × 2.52 in | | |
| Cabinet net weight | 30 kg / 66.14 lb | | |
| Module size (W × H) | 500 × 250 mm | | |
| Cabinet material | Aluminum profile | | |
| Service access | Front / rear | | |
| **ELECTRICAL & ENVIRONMENT** | | | |
| Input voltage | 100-240 V AC | | |
| Average power (W/m²) | 240 | 220 | 220 |
| Maximum power (W/m²) | 720 | 650 | 650 |
| Control system | NovaStar / Colorlight | | |
| IP rating (front / rear) | IP65 / IP65 | | |
| Operating temperature | -20 to +60 °C / -4 to +140 °F | | |
| Relative humidity | 10%-90% | | |
| **WARRANTY & DOCUMENTATION** | | | |
| Warranty | 2 years | | |
| Certifications | CE, EMC, RoHS, CB | | |

Specifications above apply to the 1000 × 1000 mm cabinet configuration.