

Physical Parameter

Physical Parameter data

Pixel Pitch	2.0 mm
Pixel Configuration	1 red, 1 green, 1 blue
Configuration (LxH, per cabinet)	480x270 pixels
Diode Type	Surface Mount Device (SMD)
Dimensions (mm, LxHxD, per cabinet)	960x540x79.5 mm
Diagonal (inch, DiagonalxD, per cabinet)	43.3 x 3.13 inch
No. of Modules (WxH, per cabinet)	4 x 3
Weight (per cabinet/per m ²)	12.4Kg / 23.9Kg

Optical Parameter

Optical Parameter data

Brightness ⁽¹⁾	1,600 nit / 1,000 nit
Contrast Ratio (Peak/Max) ⁽¹⁾	7,200:1
Viewing angle - Horizontal	160°
Viewing angle - Vertical	160°
Bit Depth	16 bit (Internal processing 18bit)
Color Temperature - Default	6,500K
Color temperature - Adjustable	2,800 ~ 10,000K (use S/BOX)

Electrical Parameter

Electrical Parameter

Video Rate	50/60 Hz
Cabinet - Input Power Range	100~240 VAC, 50/60 Hz
Power consumption - Max	502 (W/m ²) / 260 (W/Cabinet)
Power consumption - Typical	168 (W/m ²) / 87 (W/Cabinet)
Heat Generation - Max(BTU/SF) ⁽⁵⁾	1,713 (BTU/m ²) / 888 (BTU/Cabinet)
Heat Generation - Typ (per hour) ⁽⁵⁾	574 (BTU/m ²) / 297 (BTU/Cabinet)
Refresh rate	6,480i

Operation Conditions

Operation Conditions data

Power Redundancy	Yes
Working Temperature / Humidity	0°C~40°C / 10~80%RH
Storage Temperature / Humidity	-20°C~45°C / 5~95%RH
IP Rating	IP20
LED Lifetime	100,000 hours to half brightness

Certification

Certification data

Safety	EMC Class A, Safety 60950-1, FCC, UL, CB, KCC, RoHS
--------	---

Service

Service data

Service	Front
----------------	-------

Package

Package data

Box Dimension (WxDxH)	1,119 x 699 x 206
Box Volume (m3)	0.161
Package Weight (kg, per cabinet)	18.1 kg

Special Installation

Special Installation data

Curve (Concave)	12,000R
Rotation	Yes (90 degree clockwise)
Ceiling / Incline⁽²⁾	Yes

Disclaimer

Disclaimer data

Disclaimer⁽¹⁾	Peak Value according to IDMS (Information Display Measurement Standard)
Disclaimer⁽²⁾	For ceiling installation, screen should be installed at least 1.8m height with no vibration