

Technical Specifications

The Wall Lux



LH008IWRMWS
Indoor



The Wall | See the greatness

PHYSICAL PARAMETER

Pixel Pitch	0.84 mm
Pixel Configuration	1 red, 1 green, 1 blue
Configuration (LxH, per cabinet)	960 x 540 pixels
Diode Type	Flip-chip RGB LED (225*125)
Dimensions (mm, LxHxD, per cabinet)	806.4 x 453.6 x 29.9 mm
Dimensions (inch, per cabinet)	36.4 x 1.2 inch
No. of Modules (WxH, per cabinet)	4 x 3
Weight (per cabinet/per m ²)	11.5 kg / 31.4 kg

OPTICAL PARAMETER

Processor	Quantum processor Flex
Brightness (Peak/Max) ⁽¹⁾	2,000 nit / 250 nit
Contrast Ratio (Peak/Max)	10,000 : 1
HDR Compatibility	LED HDR / HDR10+ support
Viewing Angle - Horizontal	155°
Viewing Angle - Vertical	135°
Bit Depth	16 bit (Internal processing 20 bit)
Calibration	D Gamma / Pixel to Pixel / Module to Module / Quality Mode
Color Temperature - Default	8,500K ± 1000K (Floating bin)
Color Temperature - Adjustable	6,500K ~ 10,000K (using M-Box)

ELECTRICAL PARAMETER

Video Rate	100/120 Hz
Input Power Range	100~240 VAC, 50/60 Hz
Power Consumption - Max	464.8 (W/m ²) / 170 (W/Cabinet)
Power Consumption - Typ	410.1 (W/ m ²) / 150 (W/Cabinet)
Heat Generation - Max	1399.6 (BTU/ m ²) / 580.21 (BTU/ Cabinet)
Heat Generation - Typ	1,213 (BTU m ²) / 511.95 (BTU/ Cabinet)
Refresh Rate	3,840 Hz

OPERATION CONDITIONS

Working Temperature / Humidity	0°~+40°~ / 10%~80%RH
Storage Temperature / Humidity	-20°~+45°~ / 5%~95%RH
IP Rating	IP20
LED Lifetime	100,000 hours

CONNECTIVITY

Connectivity	Optical * HDBT is used for connecting only BT/Wifi module
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CERTIFICATION

Certification	EMC Class B, Safety 60950-1
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SERVICE

Service	Front only
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FEATURES

Operating System	Tizen
MagicINFO	N/A
Sensor	Ambient Light / Temperature
Other	-
Smart TV type	Smart
Smart Function	Entertainment Mode, Ambient Mode, Apps (Netflix, YouTube, Apple TV, etc.), Bixby (Voice), SmartThings (IoT)
Bixby Language	US English, Korean, UK English, French, German, Italian, Spanish (features vary by language)

ACCESSORIES

Accessories	Décor Frame (Standard), Frame Kit * Provide Décor
Remote Control	Frame Customizable Guide Tablet App, Smart Control

PACKAGE

Box Dimension (mm, LxHxD)	940 x 587 x 162 mm
Box Volume (m ³)	0,089
Package Weight (per cabinet)	16,1 kg

CURVE INSTALLATION

Concave	N/A
Convex	N/A

(1) Peak Value according to IDMS (Information Display Measurement Standard)

SAMSUNG