

Physical Parameter

Physical Parameter data

<b>Pixel Pitch</b>	0.84 mm
<b>Pixel Configuration</b>	1 red, 1 green, 1 blue
<b>Configuration (LxH, per cabinet)</b>	960x540 pixels
<b>Diode Type</b>	Flip-chip RGB LED
<b>Dimensions (W x H x D, Cabinet)</b>	806.4 x 453.6 x 76.5 mm
<b>Diagonal (inch, DiagonalxD, per cabinet)</b>	36.4 x 1.4 inch
<b>No. of Modules (WxH, per cabinet)</b>	4 x 3
<b>Weight (per cabinet/per m<sup>2</sup>)<sup>(5)</sup></b>	11.7 kg / 29.5 kg

Optical Parameter

Optical Parameter data

<b>Brightness (Peak/Max)<sup>(1)</sup></b>	1,600 nit / 500 nit
<b>Contrast Ratio<sup>(2)</sup></b>	24,000 : 1
<b>HDR Compatibility</b>	LED HDR / HDR10 / HDR10+ support / AI Picture
<b>Viewing angle - Horizontal</b>	170°
<b>Viewing angle - Vertical</b>	155°
<b>Bit Depth</b>	16 bit (Internal processing 20bit)
<b>Color Temperature - Default</b>	6,500K ± 500K (Floating bin)
<b>Color temperature - Adjustable</b>	2,800K ~ 10,000K (using S-Box)

Electrical Parameter

Electrical Parameter

<b>Video Rate</b>	100/120 Hz
<b>Cabinet - Input Power Range</b>	48Vdc
<b>Power consumption - Max(W/m<sup>2</sup>)<sup>(5)</sup></b>	465 (W/m <sup>2</sup> ) / 170 (W/Cabinet)
<b>Power consumption - Typical<sup>(5)</sup></b>	306 (W/m <sup>2</sup> ) / 112 (W/Cabinet)
<b>Heat Generation - Max(BTU/SF)<sup>(5)</sup></b>	1,586 (BTU/m <sup>2</sup> ) / 580 (BTU/Cabinet)
<b>Heat Generation - Typ (per hour)<sup>(5)</sup></b>	1,045 (BTU/m <sup>2</sup> ) / 383 (BTU/Cabinet)
<b>Refresh rate<sup>(3)</sup></b>	11,520 Hz

Operation Conditions

Operation Conditions data

<b>Power Redundancy</b>	Yes
<b>Working Temperature / Humidity</b>	0°C~+40°C / 10%~80%RH
<b>Storage Temperature / Humidity</b>	-20°C~+45°C / 5%~95%RH
<b>IP Rating</b>	IP20
<b>LED Lifetime</b>	150,000 hours

Connectivity

#### Connectivity

<b>Controller</b>	SNOW-AAE
<b>Connectivity</b>	Optical ✕ HDBT is used for connecting only BT/Wifi module

#### Features

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<b>MagicINFO</b>	Yes
<b>Sensor</b>	Temperature
<b>Operating System</b>	Tizen 6.0
<b>Other</b>	Eco Image Enhancer, 3D mode
<b>Smart Function</b>	Multiview, Screen-mirroring

#### Certification

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<b>Safety</b>	62368-1, 60950-1
<b>EMC</b>	Class A
<b>Eye-protection</b>	TUV Eye Comfort

#### Service

#### Service data

<b>Service</b>	Front
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#### Package

#### Package data

<b>Box Dimension (WxDxH)</b>	927 x 161 x 592 mm
<b>Box Volume (m3)</b>	N/A
<b>Package Weight (per cabinet) <sup>(5)</sup></b>	14.2 kg

#### Special Installation

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<b>Inclination</b>	Forward, Ceiling
<b>L-shape</b>	L-type
<b>Other<sup>(4)</sup></b>	Hanging, Stacking, Dual-sided, Movable

#### Accessories

#### Accessories data

<b>Accessories</b>	Décor Frame (Standard), Frame Kit
<b>Remote Control</b>	N/A

#### Disclaimer

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<b>Disclaimer<sup>(1)</sup></b>	Peak value according to IDMS (Information Display Measurement Standard).
<b>Disclaimer<sup>(2)</sup></b>	Measured under 10lux light Test condition. Contrast in darkroom exceeds 1000000:1.
<b>Disclaimer<sup>(3)</sup></b>	Referring to visual refresh rate.
<b>Disclaimer<sup>(4)</sup></b>	optional structure required.
<b>Disclaimer<sup>(5)</sup></b>	The information provided is subject to change at any time without notice.