

## Physical Parameter

Physical Parameter data

<b>Pixel Pitch</b>	0.945 mm
<b>Pixel Configuration</b>	1 red, 1 green, 1 blue
<b>Configuration (LxH, per cabinet)</b>	1280x720 pixels
<b>Diode Type</b>	Flip-chip RGB LED
<b>Dimensions (W x H x D, Cabinet)</b>	1,209.6 x 680.4 x 59.9 mm
<b>Diagonal (inch, DiagonalxD, per cabinet)</b>	54.64 x 2.35 inch
<b>No. of Modules (WxH, per cabinet)</b>	8 x 6
<b>Weight (per cabinet/per m<sup>2</sup>)</b>	22.1 kg / 27 kg

## Optical Parameter

Optical Parameter data

<b>Brightness (Peak/Max)<sup>(1)</sup></b>	1,200 nit / 600 nit
<b>Contrast Ratio<sup>(2)</sup></b>	12,000 : 1
<b>HDR Compatibility</b>	LED HDR / HDR10+ support / AI Picture
<b>Viewing angle - Horizontal</b>	160°
<b>Viewing angle - Vertical</b>	150°
<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>	100~240 VAC, 50/60 Hz
<b>Power consumption - Max</b>	321 (W/m <sup>2</sup> ) / 264 (W/Cabinet)
<b>Power consumption - Typical</b>	196 (W/m <sup>2</sup> ) / 161 (W/Cabinet)
<b>Heat generation – Max(BTU/m<sup>2</sup>, BTU/cabinet)</b>	1,095 (BTU/m <sup>2</sup> ) / 901 (BTU/Cabinet)
<b>Heat generation – Typical(BTU/m<sup>2</sup>, BTU/cabinet)</b>	667 (BTU/m <sup>2</sup> ) / 549 (BTU/Cabinet)
<b>Refresh rate</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

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

## Features

### Features

MagicINFO	Yes
Sensor	Temperature
Operating System	Tizen 6.0
Other	Dynamic Peaking

## Certification

### Certification data

Safety	62368-1, 60950-1
EMC	Class B
Eye-protection	TUV Eye Comfort

## Service

### Service data

Service	Front
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## Package

### Package data

Box Dimension (WxDxH)	1365 x 812 x 215 mm
Box Volume (m3)	N/A
Package Weight (per cabinet)	30.4kg

## Accessories

### Accessories data

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

## Disclaimer

### Disclaimer data

Disclaimer <sup>(1)</sup>	Peak value according to IDMS (Information Display Measurement Standard)
Disclaimer <sup>(2)</sup>	Measured under 10lux light test condition. Contrast in darkroom exceeds 1000000:1
Disclaimer <sup>(3)</sup>	Referring to visual refresh rate