PRODUCT BROCHURE

LED SIGNAGE

Estilo (All In One Display)

Experience the Future of Effective Collaboration

The Estilo Series will take you to a space with the future of collaborative workspaces. It's a premium series with up-to-the-minute features that lets the viewers experience outstanding visuals with every detail. Take your communication to a next level with Estilo Series, a leading-edge indoor display well-equipped with all present-day facilities. Its mesmerizing cinematic viewing experience and exclusive communication will excite you every time while you collaborate. Enjoy wireless mirroring and uninterrupted presentation with this all in one smart display.

| Built-in Speakers | Cinematic Viewing Angle | Wireless Mirroring | Switched On and Off with One Key | Front-accessible | Full HD | Plug and Play Operation | Inbuilt Android |

Convenient and Efficient Front Disassembly Maintenance

Hot swapping supports the process of replacing modules and repairing the display without shutting down the machine and these features ease the difficulties as well as reduce the cost.

Specification

MODEL NAME	ESTILO 135	ESTILO 162
Application	Indoor	Indoor
Pixel Pitch (in mm)	1.5	1.9
Diagonal Size (In Inches)	135	162
LED Type	SMD	SMD
LED Lifetime (In Hours)	1,00,000	1,00,000
Brightness (cd/m2)	100-500	100-500
Contrast Ratio	8000:1	8000:1
Frame Rate (Hz/sec)	60	60
Refresh Rate (Hz/sec)	3840	3840
Screen Size (in mm)	3015 x 1821 x 96	3615 x 2151 x 96
Resolution	1920 x 1080	1920 x 1080
Weight (Kg)	200	290
Service Access	Front	Front
Optimal Viewing Angle (H/V)	160° /160°	160° /160°
Working Temperature	-10°C~40°C	-10°C~40°C
Humidity	10%~85%	10%~85%
Voltage	110-240V	110-240V
Power Consumption (Avg) (in W/m2)	0.76	0.83
Power Consumption (Max) (in W/m2)	2.28	2.49
Heat generation-Max (BTU/m2)	7779.68	8496.23
MTBF (in hours)	10,000	10,000
Protection Level	IP30	IP30
Color Gamut	110% NTSC	110% NTSC
Operating System	Android(Standard) / Windows (Optional)	Android(Standard) / Windows (Optional)
Interface Type	USB3.0 / USB2.0 / HDMI / 3.5mm TRS	USB3.0 / USB2.0 / Type-C / HDMI / 3.5mm TRS
Recommended attendance	About 60-80 people	About 60-80 people

Indoor Enterprise
LE Series

Engineered to Create Boundless Opportunities for Your Business

The high definition enterprise series LED Displays offer boundless opportunities to create unforgettable workspaces, as each frame is tailor-made to suit your specific requirements. Combining with the cutting-edge technology and all updated features, it is ideal for a range of applications from critical viewing to regular business work with minute detail.

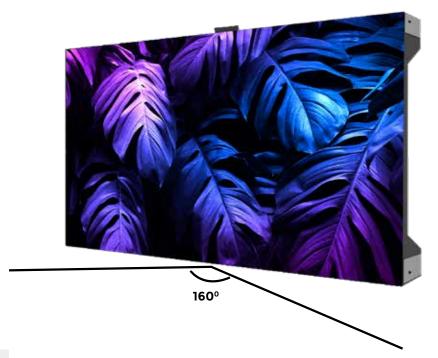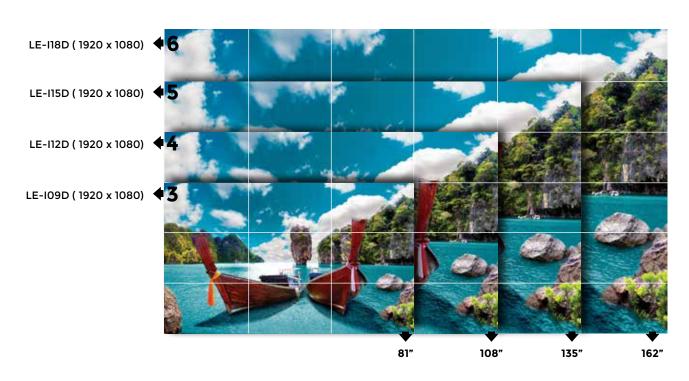|					
Small Pixel Pitch LED Screen	Advanced Thermal Working Conditions	Support 3D Content to Create a Realistic Experience	Thin & Ultra-light Cabinet	Low Failure Rate with Large Lifespan	Seamless Installation
No Noise	Support HDR 10	Perfect Visual Impact	Stable Operation	High Refresh Rate	No Fan

Wide Viewing Angle

160⁰

Improved Grayscale

Logic Displays has 160° Horizontal & Vertical angle offering improved display experience with smooth imagery due to increased Grayscale capabilities.
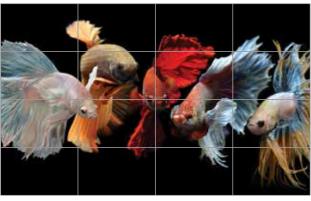
Achieves all standard resolutions like FHD/2K/4K.

LE-I18D (1920 x 1080) ◄**6**

LE-I15D (1920 x 1080) ◄**5**

LE-I12D (1920 x 1080) ◄**4**

LE-I09D (1920 x 1080) ◄**3**

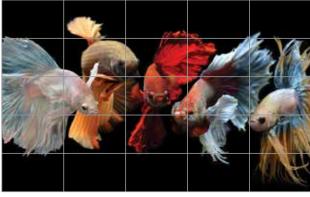81"   108"   135"   162"
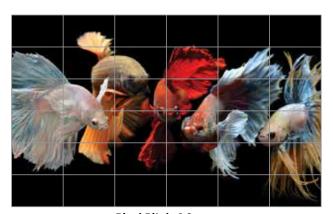
Full HD (1920 x 1080)

Pixel Pitch: 0.9 mm
Cabinet Configuration: 3 x 3 Cabinets

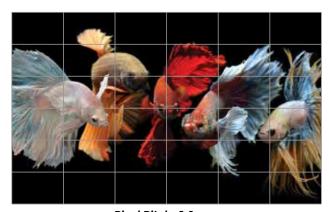**Pixel Pitch:** 1.2 mm
Cabinet Configuration: 4 x 4 Cabinets

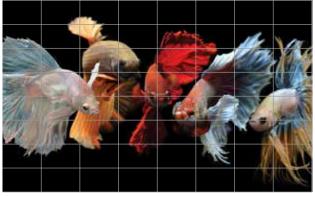**Pixel Pitch:** 1.5 mm
Cabinet Configuration: 5 x 5 Cabinets

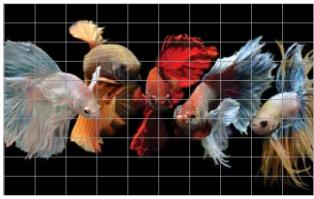**Pixel Pitch:** 1.8 mm
Cabinet Configuration: 6 x 6 Cabinets
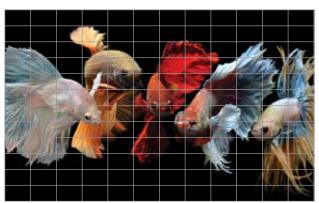
4K (3480 x 2160)

Pixel Pitch: 0.9 mm
Cabinet Configuration: 6 x 6 Cabinets

Pixel Pitch: 1.2 mm
Cabinet Configuration: 8 x 8 Cabinets

Pixel Pitch: 1.5 mm
Cabinet Configuration: 10 x 10 Cabinets

Pixel Pitch: 1.8 mm
Cabinet Configuration: 12 x 12 Cabinets

Quick & Easy Serviceability

Front Serviceable Design
Panels can be completely disassembled from the front, allowing for installations with no rear access to panels. Replace faulty LEDs, power supplies and data hubs without any hassle.

Magnetic Modules
Magnetically secured modules allow for secure fixing of modules to frames, as well as easy removal for service.

Quick Release Cabling
Internal cabling is all quick release allowing for tool-less services

High Refresh Rate

Low Refresh Rate

High Dynamic Range

Standard Dynamic Range

LOGIC

Conventional

AC Power Input

AC Power Input

48V DC   **48V DC**   **48V DC**

48V DC   **48V DC**   **48V DC**

**External Power Supply
AC-DC**

Primary Supply   **Redundant Supply**

230 V/15A@50/60 Hz

Power Supply 1	Power Supply 2	Power Supply 3

**N+1 Backup power supply
ensures normal use despite
of any power failure**

LOGIC

Less Is More

Module, hub card and receiving card between the panels are connected through one connector of high stability. Thus, the panel presents a contracted and concise design style with no external cables.

Specification
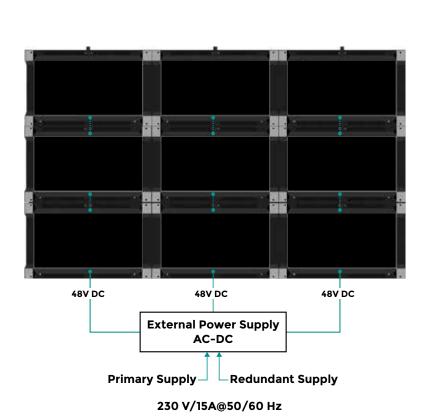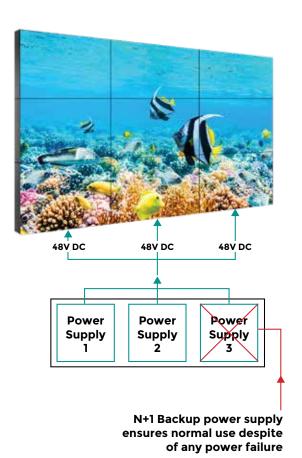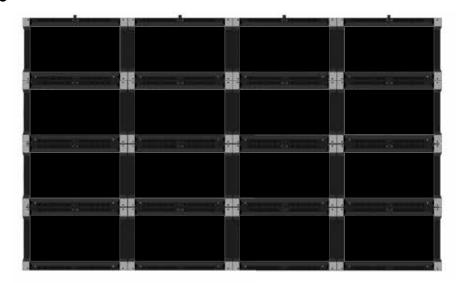
MODEL NAME	LE-I12D	LE-I15D	LE-I18D
Application	Indoor	Indoor	Indoor
Pixel Pitch (in mm)	1.2	1.5	1.8
LED Type	SMD	SMD	SMD
LED Lifetime (In Hours)	1,00,000	1,00,000	1,00,000
Brightness (cd/m2)	600-800	600-800	600-800
Contrast Ratio	8000:1	8000:1	8000:1
Frame Rate (Hz/sec)	60	60	60
Refresh Rate (Hz/sec)	3840	3840	3840
Cabinet Dimension W x H x D (in mm)	600x337.5x60	600 x 337.5 x 60	600 x 337.5 x 60
Module Dimension (in mm)	150x168.75	150 x 168.75	150 x 168.75
Physical Resolution	480x270	384 X 216	320 X 180
Weight (Kg/Cabinet)	6	6	6
Service Access	Front	Front	Front
Optimal Viewing Angle (H/V)	160° /160°	160° /160°	160° /160°
Storage Temperature	-35°C～85°C	-35°C～85°C	-35°C～85°C
Working Temperature	-10°C～50°C	-10°C～50°C	-10°C～50°C
Relative Humidity	≤95%	≤95%	≤95%
Storage Humidity	≤45%	≤45%	≤45%
Voltage	AC 220 V	AC 220 V	AC 220 V
Power Consumption (Avg) (in W/m2)	125	105	95
Power Consumption (Avg) (in W/m2)	500	420	380
Heat generation-Max (BTU/m2)	1706.07	1433.10	1296.61
MTBF (in hours)	10,000	10,000	10,000
Protection Level (Front/Rear)	IP30	IP30	IP30
Colour (M)	16384	16384	16384
Grey Scale	14 bit	14 bit	14 bit
Certification	BIS	BIS	BIS
Physical density	6,40,000 pixels/m2	4,09,600 pixels/m2	2,84,444 pixels/m2

Indoor Commercial
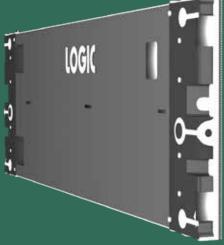# LC Series

Commercial Displays that Elevate Customer Experience!

LOGIC Displays commercial series is a one stop solution for all kinds of retail and business marketing. With ultra-thin structure due to its ultra-light cabinets, it carries a sleek and stylish presence in any commercial indoor environment. Supreme picture quality with preferred clarity, front service access with magnetic tools and low-cost maintenance are the prime features of Logic Displays LC series.

| High Refresh Rate | Easy Installation | No Noise | No Fan | Long Lifespan | Thin and Ultra-light Cabinet |

Unique Architectural Shape

Supports unique shape that outlines your business purpose best! Indoor commercial series is a smart choice for any venture due to an array of features, including its durability, no corrosion and better heat dissipation aspects.

Specification

MODEL NAME	LC-I15D	LC-I25D
Application	Indoor	Indoor
Pixel Pitch (in mm)	1.5	2.5
LED Type	SMD	SMD
LED Lifetime (In Hours)	1,00,000	1,00,000
Brightness (cd/m2)	600-800	600-800
Contrast Ratio	4000:1	4000:1
Frame Rate (Hz/sec)	60	60
Refresh Rate (Hz/sec)	3840	3840
Cabinet Dimension W x H x D (in mm)	1024 x 288 x 42	1024 x 288 x 42
Module Dimension (in mm)	256 x 288	256 x 288
Physical Resolution	640 x 180	384 x 108
Weight (Kg/Cabinet)	7	7
Service Access	Front	Front
Optimal Viewing Angle (H/V)	140° /150°	140° /150°
Storage Temperature	-10^{0}C～90^{0}C	-10^{0}C～90^{0}C
Working Temperature	-20^{0}C～60^{0}C	-20^{0}C～60^{0}C
Relative Humidity	≤95%	≤95%
Storage Humidity	≤45%	≤45%
Voltage	100-240V AC	100-240V AC
Power Consumption (Avg) (in W/m2)	256	256
Power Consumption (Avg) (in W/m2)	640	640
Heat generation-Max (BTU/m2)	2183.77	2183.77
MTBF (in hours)	10,000	10,000
Protection Level (Front/Rear)	IP20	IP30
Colour (M)	65,536	65,536
Grey Scale	16	16
Certification	BIS	BIS
Physical density	3,90,625 pixels/m2	1,40,625 pixels/m2

Indoor Commercial
LC-DX Series

Commercial Displays that Elevate Customer Experience!

LOGIC Displays commercial series is a one stop solution for all kinds of retail and business marketing. With ultra-thin structure due to its ultra-light cabinets, it carries a sleek and stylish presence in any commercial indoor environment. Supreme picture quality with preferred clarity, front service access with magnetic tools and low-cost maintenance are the prime features of Logic Displays LC series.

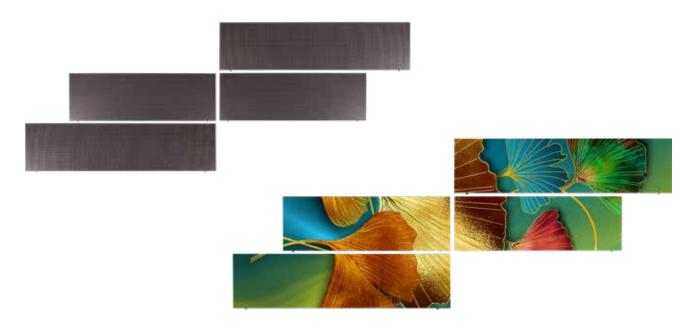| High Refresh Rate | Easy Installation | No Noise | No Fan | Long Lifespan | Thin and Ultra-light Cabinet |

Unique Architectural Shape

Specification

MODEL NAME	LC-I25DX
Application	Indoor
Pixel Pitch (in mm)	2.5
LED Type	SMD
LED Lifetime (In Hours)	1,00,000
Brightness (cd/m2)	800
Contrast Ratio	4000:1
Frame Rate (Hz/sec)	60
Refresh Rate (Hz/sec)	2880/3840
Cabinet Dimension W x H x D (in mm)	1000x 250x 40/ 750x 250x 40
Module Dimension (in mm)	250x250
Physical Resolution	384 x 96/288 x 96
Weight (Kg/Cabinet)	6/4.8
Service Access	Front
Optimal Viewing Angle (H/V)	160° /160°
Storage Temperature	-10^{0}C～90^{0}C
Working Temperature	-20^{0}C～60^{0}C
Relative Humidity	≤95%
Storage Humidity	≤45%
Voltage	220-240V AC
Power Consumption (Avg) (in W/m2)	210
Power Consumption (Avg) (in W/m2)	530
Heat generation-Max (BTU/m2)	1808.44
MTBF (in hours)	10,000
Protection Level (Front/Rear)	IP30
Colour (M)	16384
Grey Scale	14
Certification	BIS
Physical density	1,47,456 pixels/m2

LC-DZ Series

A Display with Exclusive Outlook and Forefront Visual Approach!

LC-DZ series, one of the advanced displays of the new generation, offers not only a mesmerizing picture quality but supports an easy and stylish installation directly on the wall. This display is well-crafted in all manners and includes all up-to-the-minute features and it suits varied environments whether these are shopping malls, hotel conference rooms, churches, luxury stores, or any other places.

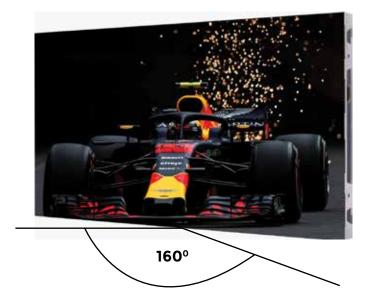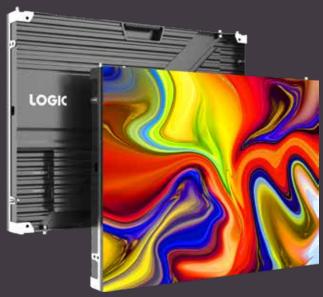| Thin and Ultra-light Cabinet | Easy Installation | High Refresh Rate | No Noise | No Fan | Long Lifespan |

160⁰

Specification

MODEL NAME	LC-I15DZ	LC-I25DZ	LC-I40DZ
Application	Indoor	Indoor	Indoor
Pixel Pitch (in mm)	1.5	2.5	4.0
LED Type	SMD	SMD2121	SMD
LED Lifetime (In Hours)	1,00,000	1,00,000	1,00,000
Brightness (cd/m2)	700	700	700
Contrast Ratio	4000:1	4000:1	4000:1
Frame Rate (Hz/sec)	60	60	60
Refresh Rate (Hz/sec)	2880/3840	2880/3840	2880/3840
Cabinet Dimension W x H x D (in mm)	960 x 480 x 61	960 x 480 x 61	960 x 480 x 61
Module Dimension (in mm)	240 x 240	240 x 240	240 x 240
Physical Resolution	608 x 304	384 x 192	240 x 120
Weight (Kg/Cabinet)	11	11	11
Service Access	Front	Front	Front
Optimal Viewing Angle (H/V)	160° /160°	160° /160°	160° /160°
Storage Temperature	-25⁰C～60⁰C	-25⁰C～60⁰C	-25⁰C～60⁰C
Working Temperature	-10⁰C～60⁰C	-10⁰C～60⁰C	-10⁰C～60⁰C
Relative Humidity	≤95%	≤95%	≤95%
Storage Humidity	≤45%	≤45%	≤45%
Voltage	110-240V	110-240V	110-240V
Power Consumption (Avg) (in W/m2)	200	200	200
Power Consumption (Avg) (in W/m2)	620	620	620
Heat generation-Max (BTU/m2)	2115.53	2115.53	2115.53
MTBF (in hours)	10,000	10,000	10,000
Protection Level (Front/Rear)	IP40/IP20	IP40/IP20	IP40/IP20
Colour (M)	65,536	65,536	65,536
Grey Scale	16	16	16
Certification	BIS	BIS	BIS
Physical density	4,01,111 pixels/m2	1,60,000 pixels/m2	62,500 pixels/m2

LCF Series

A Present-day Display with Stylish Outlook

LCF series, one of the leading-edge displays of the present-day, offers not only a mesmerizing picture quality but supports a stylish installation directly on the wall. This display is well-designed in all manners with all the latest features, this smart and elegant display is ideal for any indoor environment, especially for a place that requires a sophisticated touch. Starting from luxury stores, restaurants, and hotel lobbies to hotel conference rooms and events, this display adds a charismatic outlook.

| Front and Rear Installation | Super Wide Viewing Angle | Thin and Ultra-light Cabinet | Perfect Visual Impact | Seamless Installation |

LOGIC

Simplified Assembly, Fast Installation

Specification

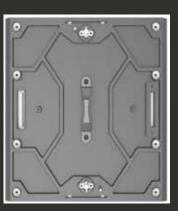| MODEL NAME	LCF-I15D	LCF-I25D
Application	Indoor	Indoor
Pixel Pitch (in mm)	1.53	2.5
LED Type	SMD	SMD
LED Lifetime (In Hours)	1,00,000	1,00,000
Brightness (cd/m2)	600-800	600-800
Contrast Ratio	5000:1	5000:1
Frame Rate (Hz/sec)	60	60
Refresh Rate (Hz/sec)	3840	3840
Cabinet Dimension W x H x D (in mm)	640 x 480 x 80	640 x 480 x 80
Module Dimension (in mm)	320 x 160	320 x 160
Physical Resolution	416 x 312	256 x 192
Weight (Kg/Cabinet)	7.5	7.5
Service Access	Front	Front
Optimal Viewing Angle (H/V)	160° /140°	160° /140°
Storage Temperature	-20⁰C～60⁰C	-20⁰C～60⁰C
Working Temperature	-10⁰C～40⁰C	-10⁰C～40⁰C
Relative Humidity	≤95%	≤95%
Storage Humidity	≤45%	≤45%
Voltage	AC 110-240 V	AC 110-240 V
Power Consumption (Avg) (in W/m2)	155	152
Power Consumption (Avg) (in W/m2)	466	457
Heat generation-Max (BTU/m2)	1590.06	1559.35
MTBF (in hours)	10,000	10,000
Protection Level (Front/Rear)	IP30	IP30
Colour (M)	16384	16384
Grey Scale	14 bit	14 bit
Certification	BIS	BIS
Physical density	4,22,500 pixels/m2	1,60,000pixels/m2

Outdoor Series
LS-Die Cast Series

A Display with Impressive Picture Quality and Seamless Performance

LOGIC Displays LS series is ideally designed to handle the hard and rough outdoor environment with its smart waterproof design. Its ultra-light, leading-edge modules with the feature of low power consumption and smooth operation make it a one-stop solution for outdoor purpose.

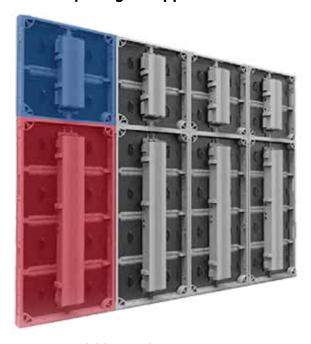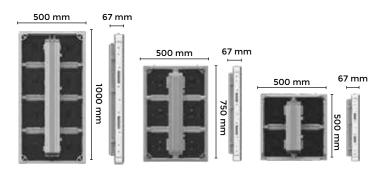| Waterproof Design With IP65 Front & Back Protection | No Fan | Easy Installation | Lightweight | Super Wide Viewing Module | Low Power Consumption |

Mixed Splicing is Supported

Different Cabinet Sizes

Specification

MODEL NAME	LS-039D	LS-048D	LS-068D	LS-083D
Application	Outdoor	Outdoor	Outdoor	Outdoor
Pixel Pitch (in mm)	3.9	4.8	6.8	8.3
LED Type	SMD	SMD	SMD	SMD
LED Lifetime (In Hours)	1,00,000	1,00,000	1,00,000	1,00,000
Brightness (cd/m2)	5000	5000	10000	10000
Contrast Ratio	5000:1	5000:1	7000:1	7000:1
Frame Rate (Hz/sec)	60	60	60	60
Refresh Rate (Hz/sec)	1920	1920	1920	1920
Cabinet Dimension W x H x D (in mm)	500x1000x67	500 x 1000 x 67	1200 x 1200 x 92	1200 x 1200x 92
Module Dimension (in mm)	250x250	250 x 250	300 x 300	300 x 300
Physical Resolution	128x256	104 x 208	176 x 176	144 x 144
Weight (Kg/Cabinet)	15	15	27	27
Service Access	Front/Rear	Front/Rear	Front/Rear	Front/Rear
Optimal Viewing Angle (H/V)	160° /160°	160° /140°	160° /140°	150° /140°
Storage Temperature	-20°C～+6°C	-20°C～+6°C	-20°C～+6°C	-20°C～+6°C
Working Temperature	-20°C～+50°C	-20°C～+50°C	-20°C～+50°C	-20°C～+50°C
Relative Humidity	≤95%	≤95%	≤95%	≤95%
Storage Humidity	≤45%	≤45%	≤45%	≤45%
Voltage	AC 100-240 V	AC 100-240 V	AC 100-240 V	AC 100-240 V
Power Consumption (Avg) (in W/m2)	240	250	240	240
Power Consumption (Avg) (in W/m2)	608	640	600	600
Heat generation-Max (BTU/m2)	2074.5	2183.7	2047.3	2047.3
MTBF (in hours)	10,000	10,000	10,000	10,000
Protection Level (Front/Rear)	IP65/IP65	IP65/IP54	IP65/IP65	IP65/IP65
Colour (M)	65,536	65,536	65,536	65,536
Grey Scale	16 Bit	16 Bit	16 Bit	16 Bit
Certification	BIS	BIS	BIS	BIS
Physical density	65,536 pixels/m2	43,264 pixels/m2	21,511 pixels/m2	14,400 pixels/m2

LS-MS Series

A Display with Impressive Picture Quality and Seamless Performance

Outstanding picture quality with a contrast ratio of 5000:1 and high brightness of 5000-6000 nits, Logic Displays' LS-MS series for outdoors makes your presence more prominent and inevitable. Compatible with direct sunlight and harsh weather condition, the LS-MS series comes with different pixel pitches (4 mm to 10 mm) and its technology offers a mesmerizing visual experience that makes your business approach sophisticated and superior.

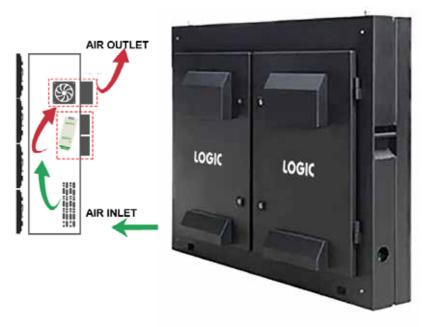Waterproof Design With IP65 Front & IP54 Back Protection

Easy Installation

Super Wide Viewing Module

Low Power Consumption

Dual Cooling Channels, Longer Working Hours

LOGIC

Specification

MODEL NAME	LS-O040S	LS-O060S	LS-O100S
Application	Outdoor	Outdoor	Outdoor
Pixel Pitch (in mm)	4	6	10
LED Type	SMD	SMD	SMD
LED Lifetime (In Hours)	1,00,000	1,00,000	1,00,000
Brightness (cd/m2)	4500	5500	6000
Contrast Ratio	5000:1	5000:1	5000:1
Frame Rate (Hz/sec)	60	60	60
Refresh Rate (Hz/sec)	1920	1920	1920
Cabinet Dimension W x H x D (in mm)	960x960x150	960x960x150	960x960x100
Module Dimension (in mm)	320x160	320x160	320x160
Physical Resolution	240x240	160x160	96x96
Weight (Kg/Cabinet)	38	38	38
Service Access	Rear	Rear	Rear
Optimal Viewing Angle (H/V)	160° /160°	160° /140°	160° /140°
Storage Temperature	-30 ～60	-30 ～60	-30 ～60
Working Temperature	-20 ～50	-20 ～50	-20 ～50
Relative Humidity	≤95%	≤95%	≤95%
Storage Humidity	≤45%	≤45%	≤45%
Voltage	AC 100-240 VAC	AC 100-240 VAC	AC 100-240 VAC
Power Consumption (Avg) (in W/m2)	263	300	256
Power Consumption (Avg) (in W/m2)	850	800	800
Heat generation-Max (BTU/m2)	2900.32	2729.71	2729.71
MTBF (in hours)	10,000	10,000	10,000
Protection Level (Front/Rear)	IP65/IP54	IP65/IP54	IP65/IP54
Colour (M)	16384	16384	16384
Grey Scale	14	14	14
Certification	BIS	BIS	BIS
Physical density	62,500 pixels/m2	27,777 pixels/m2	10,000 pixels/m2