LED Display

• 27"
• Direct View LED

27BDL6112L/00

Infinite versatility

Take possibilities beyond boundaries

Create any size 16:9 unique display or even a crisp 32:9 panoramic view, which defies traditional conformation by assembling an intriguing modular pattern. Perfect viewing experience for presentations and corporate branding content.

Benefits

Effortless setup. Reliable performance.
• Easy setup and maintenance with reliable standard cables
• Perfect view ensured through wide viewing angles
• Philips Dynamic and Black screen power saving features

Spectacular picture quality. Endless possibilities
• Deep contrast and great brightness performance
• Highest colour accuracy and brightness uniformity

• Smooth and judder-free images by high refresh rate

Take possibilities beyond any boundary
• Audience can focus on presentations and office applications
• Engage, inspire and impact with vivid content
• Powerful statements in any lobby, auditorium, meeting room

PHILIPS

Features

Create bezel-free video walls

Simply connect multiple LED display cabinets to create the resolution you want-whether it's 4K, 8K, or even higher. Compared to LCD screens, LED displays boast higher refresh rates that enable smoother images. Whatever the application, you'll thrill them with crystal-clear picture quality.

Engage, inspire and impact

Create bezel-free video walls of any shape, size, or resolution. The modular design of Philips Professional LED cabinets means you can adapt to any space.

Build vast, immersive installations or assemble intriguing patterns. Easily create video walls that flow seamlessly around doorways and other openings.

Colour accuracy and brightness

The LED panels provide very accurate colour accuracy and a brightness uniformity of about 97%. This ensures a near perfect picture quality.

Front-access maintenance

Internal electronics are easy to access and replace for service and maintenance. The modules in the cabinet can be easily and safely removed with the dedicated removal tool.

Specifications

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Picture/Display

Brightness before calibration	750 nits
Brightness after calibration	650 nits
Color temperature default	6500±500 K
Color temperature adjust range	4000~9500 K (by software)
Viewing angle (horizontal)	160 degree
Viewing angle (vertical)	160 degree
Contrast ratio (typical)	4200:1
Calibration(brightness/color)	Supported
Refresh rate(Hz)	1920~3840
Frame frequency (Hz)	50 & 60
Aspect ratio	16:9
Picture enhancement	Dynamic contrast enhancement Wide color gamut display
Placement	Landscape
Usage	24/7 Hrs, Indoor
Brightness uniformity	>=97%

Convenience

Signal control loop through	RJ45
Ease of installation	Guide pins Light weight
Power loop through	For 230V environments: 8 cabinets or less, for 110V environments: 4 cabinets or less

Operating conditions

Temperature range (operation)	-20~45 °C
Temperature range (storage)	-20~50 °C
Humidity range (operation)[RH]	10~80%
Humidity range (storage) [RH]	10~85%

Power

Input voltage	AC100~240V (50 & 60Hz)
Black screen power cons. (W)	<22
Max. power cons. AC (W)	<145
Max. power cons. BC (W)	<168
Typical power cons. (W)	<48.4

Miscellaneous

Warranty	2 years
Regulatory approvals	RoHS EN61000-3-2 EN61000-3-3 IEC/UL60950 IEC/UL62368 IEC62471 EN55035 EMC EN55032 FCC SDOC, Part 15, Class A
Fire retardancy certification	BS 476 Part7:1997

Cabinet

Cabinet size (mm)	608x342x59
Cabinet diagonal (inch)	27.5
Cabinet resolution (W x H)	480x270
Weight (KG)	5.94
Cabinet pixels (Dot)	129,600
Cabinet area (m2)	0.208
Data connector	RJ45
Power connector	In/Out(C14/C13)
Cabinet construction	Die-Casting Aluminum
Receiving card quantity	1 pcs
Receiving card spec.	A7S plus
Receving card brand	Novastar

Module

LED type	SMD 1010 Copper wire
Pixel constitution	1R1G1B
LED lifetime(Hrs)	100,000
Pixel pitch (mm)	1.266
Module resolution (WxH pixels)	240x135
Module size (WxH in mm)	303.9x170.9

Accessories

LAN cable (RJ45, CAT-5)	1 piece
QSG	1 piece
Power cable	1 piece

Packaging Data

Dimension of packaging (mm)	780x471x224
Gross weight (KG)	8.41

data subject to change
2023, June 18