



LED Display

- 22"
- Direct View LED

22BDL7319L/00

Unleash your imagination even more

LED Display for every form and shape

No limits. No boundaries. Philips L-Line 7000 series is an LED signage solution for endless possibilities in shape and size. Seamless linking and multiple size options enable truly unique displays of any dimension for perfect results.

Benefits

Endless possibilities

- Available in 3 dimensions
- Dynamic Power Saving
- Seamless linking for perfect imagery
- Bevelled corners allow curved displays

Next level performance

- Dynamic Panel Connect
- Factory calibrated

- Philips Active Health Monitoring

Ready for impact

- Conformal coating and ingress protection
- Forms any shape, L-shape corner, or curvature
- Fire retardant design

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Features

Optional easy mount brackets

Patented easy-mount brackets make installation even faster. These optional items are available for flat LED mounting, convex curved (177.5/175/172.5 degree), and L-shape 90 degree corners.

Ingress protection

Dust, dirt, fungus and moisture resistant conformal coating protects this product and enables easier maintenance. IP30 rated and certified against ingress for reduced chance of short circuit from dust and corrosion.

Dynamic Panel Connect

Mix and match each of the Philips L-Line 7000 LED panel sizes to form a single display of any shape and dimension. Dynamic flexible alignment pins ensure a perfect fit in any circumstance - resulting in a smooth, seamless display surface. For added convenience and efficiency, each LED panel features openings on each side to allow for versatile wired connection between the LED panels and any external input connection. Openings on the top and bottom of the LED panel can be popped out in case access is only available from the top or bottom of the panel.

Dynamic Power Saving

Philips Professional LED Displays use high-performance LEDs, which are tested thoroughly, energy efficient and cost effective. Furthermore, enhanced technology allows the display to dynamically save on power consumption.

Factory calibrated

Every Philips L-Line LED panel is calibrated in our factory under perfect circumstances. That means there's no need for further calibration on location, resulting in quicker installations. Calibration and configuration files are available to ensure fast maintenance.

Specifications

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Picture/Display

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
Calibration(brightness/color)	Supported
Refresh rate(Hz)	2100~3900 (14 bits:3900Hz)
Frame frequency (Hz)	50 & 60
Aspect ratio	2:1
Picture enhancement	Wide color gamut display
Placement	Landscape
Usage	Indoor
Brightness uniformity	>=97%
Brightness before calibration	1200 nits
Brightness after calibration	900 nits
Contrast ratio (typical)	3500:1

Convenience

Signal control loop through	RJ45
Ease of installation	Guide pins Light weight
Power loop through	For 230V environments: 16 cabinets or less, for 110V environments: 8 cabinets or less

L-shape corner, or curvature

The Philips L-Line 7000 series LED panles come with a height of 25 cm and are available in 50 cm, 75 cm and 100 cm widths. These displays are ready to be installed in any landscape format with no limitations to size. Also available with bevelled corners to form curved designs in both convex and concave formats.

Active Health Monitoring

Achieve perfection through precision. Active Health Monitoring makes maintenance fast, simple, and predictable by displaying the exact item of failure and location. Utilising this software that works in real-time both online and offline, replacing the relevant part becomes an efficient process, and a must for display owners with many geographical locations.

Perfect imagery

Your Philips Professional LED Display features built-in cable wiring to keep power and data cables tidy. Display panels are daisy-chained for both power and data, allowing you to minimise clutter and speed up installation.

Bevelled corners allow curved

Create bezel-free displays of any shape, size or resolution. The modular design of Philips Professional LED panels means you can adapt to any space. Build vast, immersive installations or assemble intriguing patterns. Easily create displays that flow seamlessly around doorways and other openings. Even corners and curved displays become easy to create with the new Philips 7000 series.

Fire retardant design

Fire retardant design slows down the spread of flames in the event of fire, and help protect the structural integrity of the LED panel in case of fire. Tested and certified with Fire Safety Certifications.

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)	<9
Max. power cons. BC (W)	<85
Typical power cons. (W)	<21.67
Max. power cons. AC (W)	<65

Miscellaneous

Warranty	2 years
Regulatory approvals	EN55032 EN55035 EN61000-3-2 EN61000-3-3 IEC/UL60950 IEC/UL62368 IEC62471 RoHS FCC SDOC, Part 15, Class A

Conformal coating	EAC Yes (LED Module Bottom side and HUB board)	IP rating	IP30
Fire retardancy certification	BS 476 Part7:1997 DIN4102-1 UL94	Module	
Cabinet		LED type	SMD 1515 Copper wire
Cabinet size (mm)	500x250x40	Pixel constitution	1R1G1B
Side angle (degree)	45	LED lifetime(Hrs)	100,000 at half brightness
Cabinet diagonal (inch)	22"	Pixel pitch (mm)	1.9
Cabinet resolution (W x H)	256 x 128	Module resolution (WxH pixels)	128x128
Weight (KG)	3.26Kg (±163g)	Module size (WxH in mm)	249.9x249.9 (tolerance: +0.05 / -0.1)
Cabinet pixels (Dot)	32768	Accessories	
Cabinet area (m2)	0.125	Power cable	1 pcs
Power connector	3 core socket (C14 in, C13 out)	LAN cable (RJ45, CAT-5)	1 pcs
Data connector	RJ45	QSG	1 pcs
Cabinet construction	Die-Casting Aluminum	Packaging Data	
Receiving card quantity	1 pcs	Dimension of packaging (mm)	650x421x224
Receiving card spec.	A55 Plus		
Receiving card brand	Novastar		



data subject to change
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