

PHILIPS

## Philips B Line 275B1/00 LED display 68.6 cm (27") 2560 x 1440 pixels 2K Ultra HD LCD Black

Brand : Philips

Product family: B Line

Product code: 275B1/00

Product name : 275B1/00

Monitor 275B1 LCD monitor with PowerSensor

Philips B Line 275B1/00 LED display 68.6 cm (27") 2560 x 1440 pixels 2K Ultra HD LCD Black:

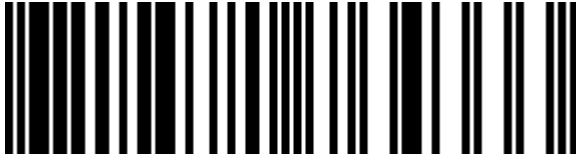
Get your best work done with this Philips monitor. Crystal-clear QHD gives the space and clarity for your work. Loaded with features to improve productivity and sustainability. Eye comfort features with TUV certified to reduce eye fatigue.

Philips B Line 275B1/00. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: 2K Ultra HD, Display technology: LCD, Display surface: Matt, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 2.0 / 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	68.6 cm (27")	Cable lock slot type	Kensington
Display resolution *	2560 x 1440 pixels	Height adjustment *	✓
HD type *	2K Ultra HD	Adjustable height (max)	15 cm
Native aspect ratio *	16:9	Pivot	✓
Display technology *	LCD	Pivot angle	-90 - 90°
Panel type *	IPS	Swivelling	✓
Backlight type	W-LED	Swivel angle range	-180 - 180°
Touchscreen *	✗	Tilt adjustment	✓
Display brightness (typical)	350 cd/m <sup>2</sup>	Tilt angle range	-5 - 35°
Response time *	4 ms	On Screen Display (OSD)	✓
Display surface	Matt	On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian
Anti-glare screen	✓	Number of OSD languages	21
Screen shape *	Flat	Plug and Play	✓
Supported graphics resolutions	1280 x 720 (HD 720), 1360 x 768 (WXGA), 1920 x 1200 (WUXGA), 2560 x 1440	LED indicators	Operation, Stand-by
Supported video modes	720p, 768p, 1080p, 1440p	Power	
Aspect ratio	16:9	Energy efficiency class (SDR) *	E
Contrast ratio (typical) *	1000:1	Energy consumption (SDR) per 1000 hours *	22 kWh
Contrast ratio (dynamic)	50000000:1	Power consumption (typical) *	18 W
Dynamic contrast ratio marketing name	SmartContrast	Power consumption (standby) *	0.4 W
Maximum refresh rate *	75 Hz	Power consumption (PowerSave)	17.5 W
Viewing angle, horizontal	178°	AC input voltage	100 - 240 V
Viewing angle, vertical	178°	AC input frequency	50 - 60 Hz
Display number of colours *	16.7 million colours	Power supply type	Internal
Pixel pitch	0.2331 x 0.2331 mm		
Pixel density	109 ppi		
Horizontal scan range	30 - 114 kHz		
Vertical scan range	48 - 75 Hz		

<b>Display</b>		<b>Power</b>	
Viewable size, horizontal	59.7 cm	Energy efficiency scale	A to G
Viewable size, vertical	33.6 cm	European Product Registry for Energy Labelling (EPREL) code	405246
Digital horizontal frequency	30 - 114 kHz	<b>Operational conditions</b>	
Digital vertical frequency	48 - 75 Hz	Operating temperature (T-T)	0 - 40 °C
Display diagonal (metric)	68.6 cm	Storage temperature (T-T)	-20 - 60 °C
DDC/CI	✓	Operating relative humidity (H-H)	20 - 80%
Haze rate	25%	Storage relative humidity (H-H)	20 - 80%
Surface hardness	3H	Operating altitude	0 - 3658 m
Colour gamut standard	sRGB	Non-operating altitude	0 - 12192 m
Colour gamut	110%	<b>Weight &amp; dimensions</b>	
sRGB coverage (typical)	107%	Width (with stand)	613 mm
NTSC coverage (typical)	104%	Depth (with stand)	205 mm
Display sRGB	✓	Height (with stand)	537 mm
<b>Performance</b>		Weight (with stand)	6.36 kg
NVIDIA G-SYNC *	✗	Width (without stand)	613 mm
AMD FreeSync *	✗	Depth (without stand)	51 mm
VESA Adaptive Sync support	✓	Height (without stand)	366 mm
Component video sync	Separate sync	Weight (without stand)	4.75 kg
Flicker-free technology	✓	<b>Packaging data</b>	
Low Blue Light technology	✓	Package width	700 mm
<b>Multimedia</b>		Package depth	215 mm
Number of speakers	2	Package height	456 mm
RMS rated power	2 W	Package weight	9.64 kg
Built-in speaker(s) *	✓	Package type	Box
Built-in camera *	✗	<b>Packaging content</b>	
<b>Design</b>		Stand included	✓
Market positioning *	Business	Cables included	HDMI, DisplayPort, Audio (3.5mm), AC
Product colour *	Black	Manual	✓
Frameless design	✓	Bundled software	SmartControl
Front bezel colour	Black	<b>Sustainability</b>	
Detachable stand	✓	Sustainability certificates	ENERGY STAR, TCO
Feet colour	Black	Doesn't contain	Mercury, PVC/BFR
<b>Ports &amp; interfaces</b>		<b>Other features</b>	
Built-in USB hub *	✓	Exterior finish type	Textured
USB hub version	2.0 / 3.2 Gen 1 (3.1 Gen 1)	Picture enhancement	SmartImage
USB upstream port type	USB Type-B	Recyclable packaging material	100%
Number of upstream ports	1	Regulatory Approvals	CB; EPA; FCC Class B; ICES-003; CE Mark; TUV Ergo; TUV/GS; SEMKO; CU-EAC; UKRAINIAN; TUV Eye Comfort certified
USB Type-A downstream ports quantity	4	Delta E	2
DVI port	✓	Light sensor	✓
DVI-D ports quantity	1	EasyRead mode	✓
HDMI *	✓	LowBlue mode	✓
HDMI ports quantity	1	Compliance certificates	RoHS
HDMI version	1.4	Mean time between failures (MTBF)	70000 h
DisplayPorts quantity	1	Certification	CB, EPA, FCC Class B, ICES-003, CE Mark, TUV Ergo, TUV/GS, SEMKO, CU-EAC, UKRAINIAN, TUV Eye Comfort certified
DisplayPort version	1.2	<b>Recycling data</b>	
Audio output	✓	Post-consumer recycled plastic	85%
HDCP	✓	<b>Logistics data</b>	
HDCP version	1.4	Harmonized System (HS) code	85285210
DC-in jack	✓		
<b>Ergonomics</b>			
VESA mounting *	✓		
Panel mounting interface	100 x 100 mm		
Cable lock slot *	✓		



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