

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:

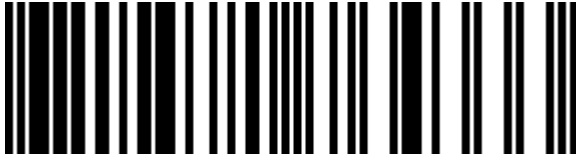
Get your best work done with this Philips monitor. Crystal-clear QHD gives the space and clarity for your work. Loaded with features to improve productivity and sustainability. Eye comfort features with TUV certified to reduce eye fatigue.

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	Height adjustment	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 ²	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	Energy efficiency scale	A to G
Pixel density	109 ppi		
Horizontal scan range	30 - 114 kHz		
Vertical scan range	48 - 75 Hz		

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



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