

## Philips B Line 275B1/00 computer monitor 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 computer monitor 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 *                         | ✓                                                                                                                                                                                                       |
| Display resolution *                  | 2560 x 1440 pixels                                                       | Cable lock slot type                      | Kensington                                                                                                                                                                                              |
| HD type *                             | 2K Ultra HD                                                              | Height adjustment *                       | ✓                                                                                                                                                                                                       |
| Native aspect ratio *                 | 16:9                                                                     | Adjustable height (max)                   | 15 cm                                                                                                                                                                                                   |
| Display technology *                  | LCD                                                                      | Pivot                                     | ✓                                                                                                                                                                                                       |
| Panel type *                          | IPS                                                                      | Pivot angle                               | -90 - 90°                                                                                                                                                                                               |
| Backlight type                        | W-LED                                                                    | Swivelling                                | ✓                                                                                                                                                                                                       |
| Touchscreen *                         | ✗                                                                        | Swivel angle range                        | -180 - 180°                                                                                                                                                                                             |
| Display brightness (typical)          | 350 cd/m²                                                                | Tilt adjustment                           | ✓                                                                                                                                                                                                       |
| Response time *                       | 4 ms                                                                     | Tilt angle range                          | -5 - 35°                                                                                                                                                                                                |
| Display surface                       | Matt                                                                     | On Screen Display (OSD)                   | ✓                                                                                                                                                                                                       |
| Anti-glare screen                     | ✓                                                                        | 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 |
| Screen shape *                        | Flat                                                                     | Number of OSD languages                   | 21                                                                                                                                                                                                      |
| Supported graphics resolutions        | 1280 x 720 (HD 720), 1360 x 768 (WXGA), 1920 x 1200 (WUXGA), 2560 x 1440 | Plug and Play                             | ✓                                                                                                                                                                                                       |
| Supported video modes                 | 720p, 768p, 1080p, 1440p                                                 | LED indicators                            | Operation, Stand-by                                                                                                                                                                                     |
| Aspect ratio                          | 16:9                                                                     | <b>Power</b>                              |                                                                                                                                                                                                         |
| Contrast ratio (typical) *            | 1000:1                                                                   | Energy efficiency class (SDR) *           | E                                                                                                                                                                                                       |
| Contrast ratio (dynamic)              | 50000000:1                                                               | Energy consumption (SDR) per 1000 hours * | 22 kWh                                                                                                                                                                                                  |
| Dynamic contrast ratio marketing name | SmartContrast                                                            | Power consumption (typical) *             | 18 W                                                                                                                                                                                                    |
| Maximum refresh rate *                | 75 Hz                                                                    | Power consumption (standby) *             | 0.4 W                                                                                                                                                                                                   |
| Viewing angle, horizontal             | 178°                                                                     | Power consumption (PowerSave)             | 17.5 W                                                                                                                                                                                                  |
| Viewing angle, vertical               | 178°                                                                     | AC input voltage                          | 100 - 240 V                                                                                                                                                                                             |
| Display number of colours *           | 16.7 million colours                                                     | AC input frequency                        | 50 - 60 Hz                                                                                                                                                                                              |
| Pixel pitch                           | 0.2331 x 0.2331 mm                                                       |                                           |                                                                                                                                                                                                         |
| Pixel density                         | 109 ppi                                                                  |                                           |                                                                                                                                                                                                         |
| Horizontal scan range                 | 30 - 114 kHz                                                             |                                           |                                                                                                                                                                                                         |
| Vertical scan range                   | 48 - 75 Hz                                                               |                                           |                                                                                                                                                                                                         |

| Display                              |                             | Power                             |                                                                                                                |
|--------------------------------------|-----------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------|
| Viewable size, horizontal            | 59.7 cm                     | Power supply type                 | Internal                                                                                                       |
| Viewable size, vertical              | 33.6 cm                     | Energy efficiency scale           | A to G                                                                                                         |
| Digital horizontal frequency         | 30 - 114 kHz                | Operational conditions            |                                                                                                                |
| 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%                        | Weight & dimensions               |                                                                                                                |
| 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                                                                                                         |
| Performance                          |                             | 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              | ✓                           | Packaging data                    |                                                                                                                |
| Low Blue Light technology            | ✓                           | Package width                     | 700 mm                                                                                                         |
| Multimedia                           |                             | 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 *                    | ✗                           | Packaging content                 |                                                                                                                |
| Design                               |                             | 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                       | Sustainability                    |                                                                                                                |
| Detachable stand                     | ✓                           | Sustainability certificates       | ENERGY STAR, TCO                                                                                               |
| Feet colour                          | Black                       | Doesn't contain                   | Mercury, PVC/BFR                                                                                               |
| Ports & interfaces                   |                             | Other features                    |                                                                                                                |
| 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                  | 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                           |                                   |                                                                                                                |
| USB Type-A downstream ports quantity | 4                           |                                   |                                                                                                                |
| DVI port                             | ✓                           | Delta E                           | 2                                                                                                              |
| DVI-D ports quantity                 | 1                           | Light sensor                      | ✓                                                                                                              |
| HDMI *                               | ✓                           | EasyRead mode                     | ✓                                                                                                              |
| HDMI ports quantity                  | 1                           | LowBlue mode                      | ✓                                                                                                              |
| HDMI version                         | 1.4                         | Compliance certificates           | RoHS                                                                                                           |
| DisplayPorts quantity                | 1                           | Mean time between failures (MTBF) | 70000 h                                                                                                        |
| DisplayPort version                  | 1.2                         | Certification                     | CB, EPA, FCC Class B, ICES-003, CE Mark, TUV Ergo, TUV/GS, SEMKO, CU-EAC, UKRAINIAN, TUV Eye Comfort certified |
| Audio output                         | ✓                           |                                   |                                                                                                                |
| HDCP                                 | ✓                           |                                   |                                                                                                                |
| HDCP version                         | 1.4                         | Recycling data                    |                                                                                                                |
| DC-in jack                           | ✓                           | Recyclable packaging material     | 100%                                                                                                           |
| Ergonomics                           |                             | Post-consumer recycled plastic    | 85%                                                                                                            |
| VESA mounting *                      | ✓                           | Logistics data                    |                                                                                                                |
| Panel mounting interface             | 100 x 100 mm                | Harmonized System (HS) code       | 85285210                                                                                                       |



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### Catalog Object Cloud



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