



Philips

LCD monitor, LED backlight with SmartImage

- B Line
- 19" (48.3 cm)
- 1280 x 1024

19B4LCB5/27

Sustainable productivity

with energy efficient ergonomic LED display

The Philips LED display using 25% recycled materials and PVC, BFR free housing is ideal for eco-friendly productivity

Benefits

Sustainable Eco-design

- SmartPower: Up to 50% power saving
- 25% recycled material with EPEAT Gold
- PVC-BFR free housing

Designed for people

- SmartErgoBase enables people-friendly ergonomic adjustments
- Low bezel-to-table height for maximum reading comfort

Excellent performance

Features

LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of LCD backlight, resulting in super high contrast ratio. It also gives

- LED technology ensures natural colors
- Built-in stereo speakers for multimedia
- TrueVision ensures lab quality images

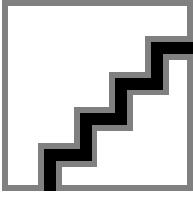
Easy to experience

- SmartImage presets for easy optimized image settings
- SmartControl for easy performance tuning

superior color reproduction thanks to consistent brightness across the screen.

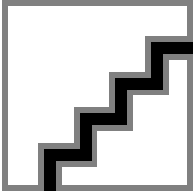
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SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base's people-friendly height, swivel, tilt and rotation angle adjusts position the monitor for maximum comfort that can ease the physical strains of a long workday; cable management reduces cable clutter and keeps the workspace neat and professional.

Low bezel-to-table height

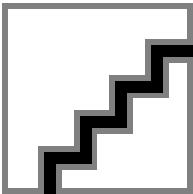


The Philips monitor, thanks to its advanced SmartErgoBase, can be lowered down almost to desk level for a comfortable viewing angle. Low bezel-to-table height is the perfect solution if you use bifocals, trifocals or progressive lens glasses for your computing work. Additionally, it allows for users with greatly different heights to use the monitor in their preferred angle and height settings, helping them reduce fatigue and strain.

Built-in stereo speakers

A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

SmartImage



SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office, Photo, Movie, Game, Economy etc., to fit the application in use.

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Picture/Display

LCD panel type	TFT-LCD
Backlight type	W-LED system
Panel Size	19 inch / 48.3 cm
Effective viewing area	376.32 (H) x 301.06 (V)
Aspect ratio	5:4
Optimum resolution	1280 x 1024 @ 60 Hz
Response time (typical)	5 ms
Brightness	250 cd/m ²
Contrast ratio (typical)	1,000:1
SmartContrast	20,000,000:1
Pixel pitch	0.294 x 0.294 mm
Viewing angle	170° (H) / 160° (V) @ C/R > 10
Picture enhancement	SmartImage
Display colors	16.7 M
Scanning Frequency	30 - 83 kHz (H) / 56 - 75 Hz (V)
sRGB	Yes

Based on the selection, SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

SmartControl for easy tuning

PC software for fine tuning display performance and settings. Philips offers users two choices for display setting adjustment. Either navigate the multilevel On Screen Display menu through buttons on the display itself or use the Philips SmartControl software to easily adjust the various display settings in a familiar way

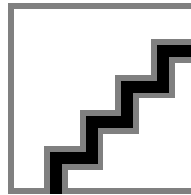
SmartPower

SmartPower is an artificial intelligent technology which dynamically analyzes the content of the screen image to achieve power saving. The backlight intensity can be controlled automatically and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs

EPEAT Gold

Philips EPEAT GOLD certified monitors ensure protection for human health and environment, and are highly energy efficient ensuring low emissions of climate changing green house gases. EPEAT program helps purchasers evaluate, compare and select Monitors based on 51 environmental criteria supported by US EPA. GOLD certification ensures that at least 30% of plastic used is Post Consumer Resin, which ensures reduction in use of toxic and hazardous materials. EPEAT Gold is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.

TrueVision



TrueVision is a proprietary Philips technology that uses advanced algorithm for testing and aligning monitor display which gives you the ultimate display performance. Philips ensures TrueVision monitors leave the factory fine-tuned with this process giving you consistent color and picture quality.

PVC-BFR free housing

This Philips monitor housing is free from brominated flame retardant and polyvinyl chloride (PVC-BFR free)

Connectivity

Signal Input	VGA (Analog) DVI-D (digital, HDCP)
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	PC audio-in Headphone out

Convenience

Built-in Speakers	1.5W x 2
User convenience	SmartImage SmartPower Menu Power On/Off Volume
Control software	SmartControl Premium
OSD Languages	Brazil Portuguese Czech

	Dutch
	English
	Finnish
	French
	German
	Greek
	Hungarian
	Italian
	Japanese
	Korean
	Polish
	Portuguese
	Russian
	Simplified Chinese
	Spanish
	Swedish
	Traditional Chinese
	Turkish
	Ukrainian
Other convenience	Kensington lock
Plug & Play Compatibility	VESA mount (100x100mm)
	DDC/CI
	Mac OS X
	sRGB
	Windows 8/7/Vista

Stand

Height adjustment	110 mm
Pivot	90 degree
Swivel	-65/65 degree
Tilt	-5/20 degree

Power

ECO mode	9 W (typ.)
On mode	14 W (typ.) (EnergyStar 6.0 test method)
Standby mode	0.1 W (typ.)
Off mode	0.1 W (typ.)
Power LED indicator	Operation - White Standby mode- White (blinking)
Power supply	100-240VAC, 50-60Hz Built-in

Dimensions

Product with stand(max height)	404 x 506 x 227 mm
Product with stand(max height)	15.9 x 19.9 x 8.9 inch
Product without stand (mm)	404 x 346 x 61 mm
Product without stand in inch	15.9 x 13.6 x 2.4 inch
Packaging in mm (WxHxD)	460 x 448 x 159 mm
Packaging in inch (WxHxD)	18.1 x 17.6 x 6.26 inch

Weight

Product with stand (kg)	4.61 kg
Product with stand (lb)	10.14 lb
Product without stand (kg)	2.71 kg
Product without stand (lb)	5.96 lb
Product with packaging (kg)	6.48 kg
Product with packaging (lb)	14.26 lb

Operating conditions

Temperature range (operation)	0 to 40 °C
Temperature range (storage)	-20 to 60 °C
Relative humidity	20%-80 %
Altitude	Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
MTBF	30,000 hour(s)

Sustainability

Environmental and energy	EnergyStar 6.0 EPEAT Gold RoHS
Recyclable packaging material	100 %
Recycled material	25%
Specific Substances	PVC / BFR free housing Lead free Mercury free

Compliance and standards

Regulatory Approvals	BSMI CE Mark cETLus FCC Class B GOST SEMKO TCO 6.0 TUV Ergo TUV/GS WEEE
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Cabinet

Front bezel	Black
Rear cover	Black
Foot	Black
Finish	Texture

* EPEAT Gold is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.



data subject to change
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