



## Brilliant, Razor Sharp Images — Unmatched Versatility!

- Exceptional Brightness** *With 2600 ANSI lumens, Philips' cClear Series delivers the light output you need for big brilliant presentations even in full ambient light.*
- Quiet Operation** *Philips' unique PAST™ and SmartDimmer systems reduce fan noise to a whisper quiet 30dB.*
- Dual Window Display** *Integrated split screen processor allows simultaneous viewing of two different inputs – great for video conferencing applications.*
- Extended Connectivity** *Robust input panel array accommodates a wide range of Video / Data input signals and formats including DVI-I and RS232 control.*
- Exceptional Picture Quality** *Philips' advanced digital architecture delivers exceptional picture quality from any computer or video source.*
- Easy-to-Use** *Powerful SmartSet™ auto-alignment system and highly intuitive menus make setup extremely fast and easy.*
- Extend Lamp Life** *Philips' innovative SmartDimmer and SmartSave™ features help extend valuable lamp life.*
- Theft Deterrents** *SecurityMax™ theft deterrent system and integrated Kensington lock protect your investment in environments where security is a challenge.*



Philips Multimedia Projectors



# PHILIPS

Model Name	cClear SV1 LC4731	cClear XG1 Brilliance LC4745
<b>LCD</b>	3x 0.79" high-temperature polysilicon active matrix LCD panels	
Native Resolution	SVGA (800x600)	XGA (1024x768)
Number of pixels	3x 480,000	3x 786,432
Brightness - Normal Mode	2600 ANSI lumens	
Brightness - SmartDimmer Mode	2000 ANSI lumens	
Contrast	400:1	
<b>Audible Noise</b>		
Normal Mode	33 dB	
SmartDimmer Mode	30 dB	
<b>Lamp</b>	200 watt Philips UHP™ lamp	
Average Lamp Life	2000 hours	
<b>Lens</b>	F/1.75 - 2.1 f = 26.7 - 31.8 mm Manual Focus, Manual Zoom, Short Throw (1.63 - 1.95 :1) Projection Distance 52" - 390" (for image diagonal 40" - 250")	
<b>Input Compatibility</b>		
Video	NTSC 3.58 / 4.43 / PAL / SECAM S-Video (Y/C) Component Video Input: YCbCr, YPbPr, RGB HDTV Compatible: (480i, 480p, 720p, 1080i) Compatible with: VGA, SVGA, XGA, SXGA, Mac/PC Horizontal Scan Rate: 15 - 108 kHz Vertical Refresh Rate: 50 - 120 Hz Bandwidth: 140 MHz	
Computer	Display Data Channel: DDC 1/2B Microsoft® Windows®, 95/98/ME/2000/XP compatible	
Plug and Play Compatibility		
<b>Input Connectors</b>		
Video	Component Video (R/Pri/Cr, G/Y, B/Pb/Cb: 3x RCA) 1x Composite Video (RCA) 1x S-Video (Y/C on 4 pin mini-DIN)	
Computer		
Data 1	1x RGB Data (D15 pin)	
Data 2	1x DVI-I (analog + digital)	
<b>Audio</b>		
Video	Stereo Audio (2x RCA)	
Data 1 / Data 2	2x Stereo Audio (3.5 mm stereo jack) 1x Digital Audio (via USB)	
Audio Output	3.5mm stereo jack	
Speaker	6 watts	
<b>I/O Ports</b>	Mouse Control, PC Audio, SecurityMax, ProjectorMax Mouse Control for external control of projector	
1x USB (type B)		
1x PS/2 (mini Din)		
1x RS232 (D9 pin)		
<b>Features</b>	Dual Window and Picture in Picture for multi-source display SecurityMax™ theft deterrent system, Kensington Lock YourLogo™ Start-Up Screen, ProjectorMax control software SmartSet™ automatic image quality optimization SmartSave™ auto-standby mode helps extend lamp life SmartDimmer (reduces lamp power to extend lamp life and minimize audible noise) ColorTracking™ provides superior colorimetry for Video display Keystone correction H: ±20 degrees, V: ±40 degrees Digital Zoom (16X) and Freeze An external computer monitor can be connected using supplied Y-Cable	
<b>Physical Specifications</b>		
Product Dimensions (HxWxD)	4.2" x 9.25" x 13.2" (108 x 235 x 335 mm)	
Product Weight	8.4 lbs (3.8 kg)	
<b>Power Consumption</b>		
Operating Voltage	100-240 VAC, 50/60Hz	
Power Consumption	250 watts	
Standby Power Consumption	2 watts	
<b>Temperature Range</b>		
Operational	+41 to +95 °F (+5 to +35 °C)	
Storage	-13 to +158 °F (-25 to +70 °C)	
<b>FCC Rating</b>	Class B	
<b>Included Accessories</b>	Compact Laser Pointer Remote Control, Power Cord, Lens Cap, Combined VGA+USB Cable (59" / 1.5m), DVI Cable (59"/1.5m), Audio+Video cable (79" / 2m), S-Video Cable (79" / 2m), D15-pin Y-Cable, Scart to RCA Adapter (audio/video), DVI-VGA Adapter, Soft Carrying Bag, CD-ROM User Guide, Quick Setup Card	
<b>Optional Accessories</b>	LCA3123 200 watt Replacement Lamp LCA2211 Ceiling Mount for bSure / cClear Series	
<b>Model Number</b>	LC4731	LC4745



## Key Features

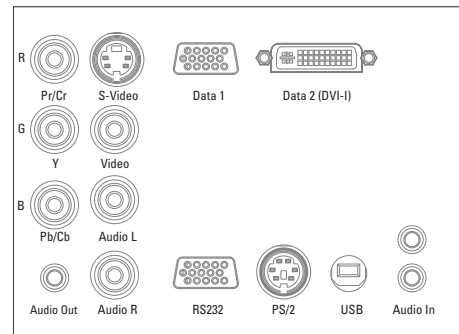
- High Brightness: 2600 ANSI Lumens
- Quiet Operation as low as 30dB
- SecurityMax™ Theft Deterrent System
- Dual Window Display

## Projection Chart

Image Diagonal Size	Projection Distance					
	Tele Position		Wide Position			
[inch]	[meters]	[inch]	[meters]	[inch]	[meters]	
40	1.0	62	1.6	52	1.3	
60	1.5	94	2.4	78	2.0	
70	1.8	109	2.8	91	2.3	
80	2.0	125	3.2	104	2.6	
100	2.5	156	4.0	130	3.3	
150	3.8	234	5.9	195	5.0	
200	5.1	312	7.9	260	6.6	
250	6.4	390	9.9	325	8.3	

All values are estimates

## Input Panel



## Hassle-Free Service and Support

Philips' First Choice Warranty assures you that you'll always be ready to present even in case of equipment failure thanks to our toll-free technical support (1 year), 48-hour Roadside Assistance Program and 3-year Parts and Labor Warranty.\*\*

INTERNET ADDRESS: <http://www.philipsusa.com>  
 TECHNICAL SUPPORT: Toll Free 1-888-873-4672  
 SALES INFORMATION: Toll Free 1-888-327-3636

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\* Available in the USA and Western Europe. Check with your dealer for similar coverage in other regions.

\*\*Projector warranty is 3 years or 2500 hours, whichever comes first. Run time is kept by an internal clock.

Warranty on internal projection lamp is 12 months.

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CCM-186\_10/03

Literature Order Number: cClear Series



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