LG ProBeam BU53RG

for Business

4K Laser Projector with 0.94 Short Throw Ratio

BU53RG is a short throw business projector newly released in 2023. BU53RG is high-range projector featuring up to 5,000 ANSI Lumens of brightness, 4K UHD resolution, and a long lamp lifespan for hours of entertainment. Plus, the short focal length improves projector usability. With various connection methods, easy installation, and horizontal and vertical lens shift with x1.2 zoom, this projector is versatile enough for both museum and office environments, regardless of space restrictions. BU53RG provides application support for a host of signage companies in a variety of different environments.

Key Features

High Brightness | Short focal length | Cost Saving | Ease of Use | Smart Connectivity
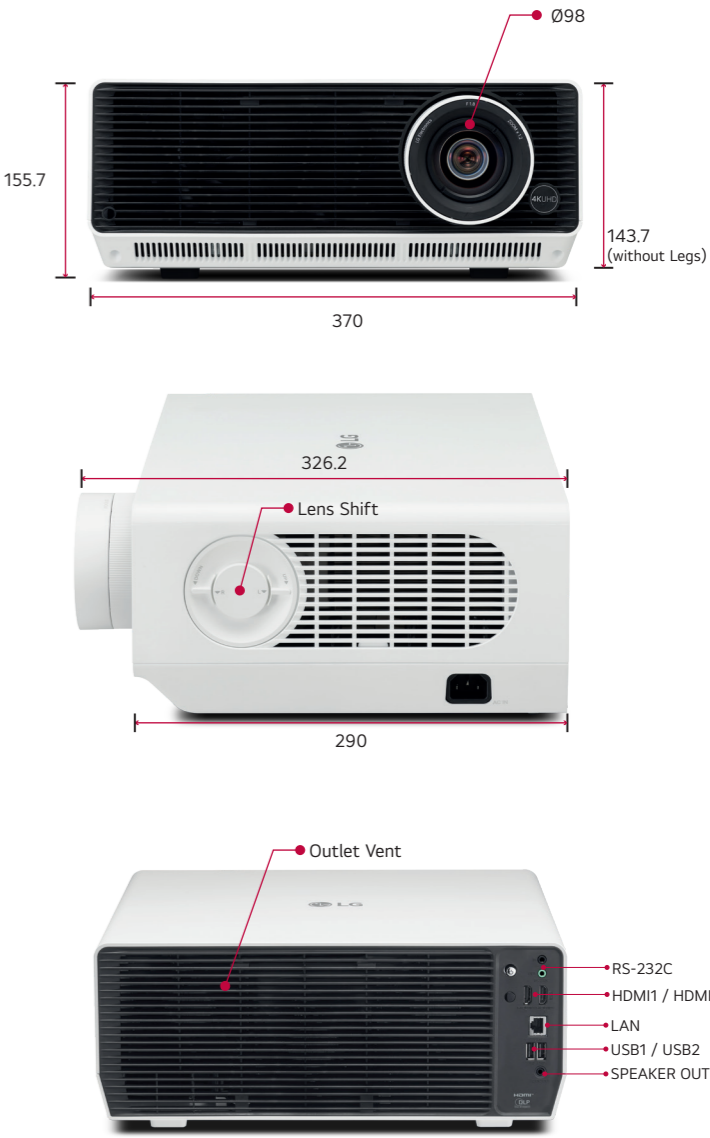
Matching Vertical

Golf | Gallery | Museum | Enterprise | School

Specification

Category			BU53RG
Projection System	Native Resolution		4K UHD (3840 x 2160)
	Brightness (ANSI Lumen) [1]		5,000
	Contrast Ratio (Full On Full Off)		3,000,000:1 ↑
	Noise (typical)	Energy Saving Min. (Bright)	29 dB(A)
		Energy Saving Med.	27 dB(A)
		Energy Saving Max. (Eco)	26 dB(A)
		Uniformorty(JBMMA 9point)	85%
	Projection Lens	Focus (Auto / Manual)	Manual
		Zoom	1.2x
	Projection Image	Screen Size	40"–300"
		Standard (lens to wall)	Wide 2017 / Tele 2454 (100")
		Throw Ratio	0.94–1.14
	Lens Shift		O (Horiz ± 20% / Vert ± 50%)
	Projection Offset		100%
	Light source	Type	Laser (LD + P/W)
		Life High Brightness	20,000 Hrs.
General Specification	OSD Language		Support Local Language
	Aspect Ratio Control		Full / Original
	Sound	Output	10W (5W+5W)
		Clear Voice	O (Clear VoiceⅢ)
	Net Size (mm) (W x D x H)		370 x 290 x 155.7 / 370 x 290 x 143.7 (Without Leg)
	Net Weight (kg or g)		9.7KG
	Power Consumption (Max.)		380W
	Stand-by Power		0.5W↓
	Power Supply		100V–240V @ 50–60 Hz (Built-in PSU)
	Operation Temperature		0 –40°C
	Input Signal Compatibility	Digital(HDMI)	Up to 4K (4096x2160) (60Hz, 50Hz, 24Hz)
Input /Output Terminals	Audio out		O (Phone Jack)
	RS-232C		O (1In, 1 Out)
	IP control		O (Crestron)
	RJ45		1
	HDMI		2
	USB Type-A		2 (USB2.0)
	Platform (OS, UI)		Signage webOS 6.0
Main Features	Screen Share (Wireless Mirroring with MiraCast supporting device)		O
	Content Sharing (with DLNA supporting device)		O

Category			BU53RG
Main Features	Bluetooth Sound out		O
	LG Sound Sync (with Sound Bar)		O
	Plug & Play (RGB/DVI/HDMI Auto Source Detection)		O
	USB Host (Movie, Photo)		O
	Setting Guide		O (Bean Bird)
	HID (Keyboard/Mouse/GamePad Connection w/ USB)		O
	Eco Function	Energy Saving Mode	O (Min/Mid/Max)
		Auto Off / Auto Sleep	O
		Time Power On/Off (On Time / Off Time)	O (On / Off)
		Automatic Standby / Auto Power Off	O
Added Features	HDR		O
	Digital Keystone Correction		4/9/15/25-point warping, HV warping
	HDCP		HDCP2.2
	Quick(Instant) Power on/off		O (on 12 Sec off 2 Sec)
	Background Image		O
	Blank		O
	Image Flip		O (Horizontal/Vertical)
	Black Level Control		O
	Color Temperature Adjustment		O
	Expert controlvADJ		O
	Brilliant Color™ (Overlap Duty)		O
	Gamma Correction		O
	Noise Reduction		O
	HDMI ARC(Audio Return Channel)		O
	HDMI simplink(CEC)		O
Design	Cabinet Color		Top/Bottom - White Front/Rear - Black
	Local Key		Joystick
	Kensington Lock		O
	Leg-Stand		O (4 Leg)
	Ceiling mount hole (for bracket)		O
Accessory	Manual (Full or Simple Book)		Simple Book, Full Book
	Quick User Guide (Quick Set-up Guide)		O
	Warranty Card		O
	Cable	Power cord	1
	Remote Control (Battery included)	Normal	O
	Conformances(Regulation)		FCC, ETL, CE, CB, CCC, PSE, BIS

Dimension

Ø98
155.7
143.7 (without Legs)
370
326.2
Lens Shift
290
Outlet Vent
RS-232C
HDMI1 / HDMI2
LAN
USB1 / USB2
SPEAKER OUT

[1] The brightness (Lumen) is based on the perceived brightness equivalent to the brightness of lamp projector