



BenQ DLP Projector

LK936ST

Feature High Light

- * Laser light source 5100 ANSI Lumens
- * 4K UHD
- * Short Throw
- * Big zoom & Lens shift
- * DisplayPort
- * HDBaseT
- * Digital shrink and shift
- * 4K Upscaling



Display

Projection System	DLP Single 0.47" 4K
DMD type	DC3 DMD Chip
Native Resolution	3840x2160 pixels
Brightness	5100 ANSI Lumens
Contrast Ratio*	3,000,000:1
Display Color	30 Bits (1.07 billion colors)
Aspect Ratio	Native 16:9 (5 aspect ratio selectable)
Light Source	Laser
Light Source life*	Normal 20,000 hr ECO 30,000 hr

Optical

Throw Ratio	0.81 ~ 0.89
Zoom Ratio	1.1x
Lens Control	Manual Zoom and Focus
Lens shift	Manual lens shift, V: $\pm 60\%$; H: $\pm 23\%$
Keystone Correction	3D keystone, V: ± 40 degree; H: ± 40 degree; R: ± 40 degree
Projection Offset	NA
Projection Size	30" ~ 300"

Audio

Built-in Speaker	10W x1
------------------	--------

Special Feature

Security(anti-theft)	Security Bar
Feature	Large lens shift, Projector/ Remote Control ID Setting, HDBaseT, DisplayPort, S/PDIF, 360 Projection, Portrait, 3D sync in and out, 4K Upscaling, white balance adjustment

Compatibility

Resolution Support	VGA (640 x 480) to 4K UHD (3840 x 2160) *RB-Reduced Blanking *4K input compatible
Horizontal Frequency	15K~135KHz
Vertical Scan Rate	23~240 Hz
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 2160p
Video Compatibility	NA

Power

Power Consumption(Max/Normal/Eco)	Max 495W/ Normal 440W/ Eco 315W
Standby Power Consumption	Normal < 0.5W, Network <2W
Power Supply	100 ~ 240V AC

Dimension and Weight

Product Dimensions (WxHxD)	416x166 x 351 mm
Product Weight	7.0 Kg \pm 200g

Operation Condition

Noise Level(Normal/Eco)	40/33 dBA
Operating Temperature	0 ~ 40°C

Accessories

Accessories (Standard)	Power Cord HDMI cable Remote control (RCA011) AAA Batteryx2 Installation Guide/Regulatory Statement(Combined) Warranty card(by sku)
Accessories (Optional)	Ceiling mount (CMG3) 3D glasses

OSD

On Screen Display Language	Arabic/ Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian /Persian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese/ Vietnam (30 languages)
----------------------------	--

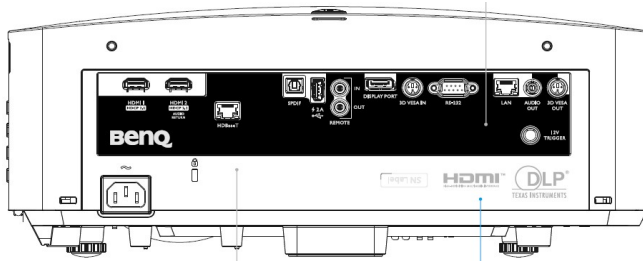
Environment Notice

*LightSource life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.

* The Contrast is measure by Full On Full Off standard.



Connectivity



Connectivity

- 1 HDMI (HDCP 2.2)
- 2 USB TypeA(5V/2A power)
- 3 HDBaseT
- 4 Wired Remote in
- 5 Wired Remote out
- 6 3D Sync in
- 7 3D Sync out
- 8 RS232 In (D-sub 9pin, male)
- 9 LAN Port(RJ45 for Network control)
- 10 S/PDIF

Connectivity

Quantity

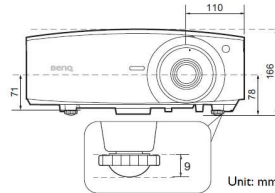
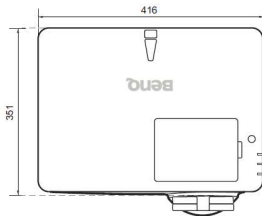
- 11 Audio out (mini jack)
- 12 12V Trigger
- 13 DisplayPort
- 14 IR Receiver(Front)
- 15 IR Receiver(Top)
- 16 Kensington anti-theft lock slot

Quantity

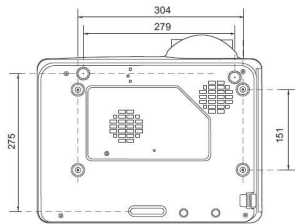
- 1
- 1
- 1
- 1
- 1
- 1

Dimension

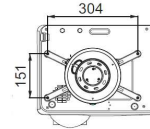
416 mm (W) x 166 mm (H) x 351 mm (D)



Unit: mm

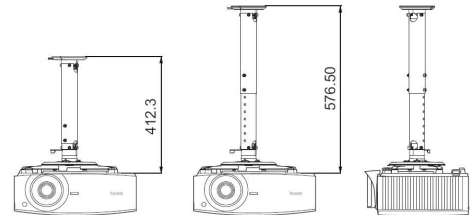


Ceiling/Wall mount installation diagram



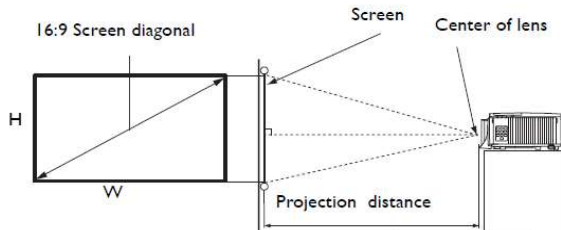
BenQ ceiling mount CMG3 (5JAM10.001)
Ceiling mount screw: M4
(Max. L = 25 mm; Min. L = 20 mm)

Unit: mm



Unit: mm

Installation



*The screen aspect ratio is 16:9 and the projected picture is in a 16:9 aspect ratio

Screen size		Projection distance (mm)	
inch	mm	Min distance (mm)	Max distance (mm)
30	762	274	694
40	1016	400	898
50	1270	625	1327
60	1524	847	1738
70	1778	1072	2200
80	2032	1297	2700
90	2286	1522	3200
100	2540	1747	3700
110	2794	1972	4200
120	3048	2197	4700
130	3302	2422	5200
140	3556	2647	5700
150	3810	2872	6200
160	4064	3097	6700
170	4318	3322	7200
180	4572	3547	7700
190	4826	3772	8200
200	5080	3997	8700
210	5334	4222	9200
220	5588	4447	9700
230	5842	4672	10200
240	6096	4897	10700
250	6350	5122	11200
260	6604	5347	11700
270	6858	5572	12200
280	7112	5797	12700
290	7366	6022	13200
300	7620	6247	13700

*To optimize your projection quality, we suggest to do the projection within non-gray area.

