

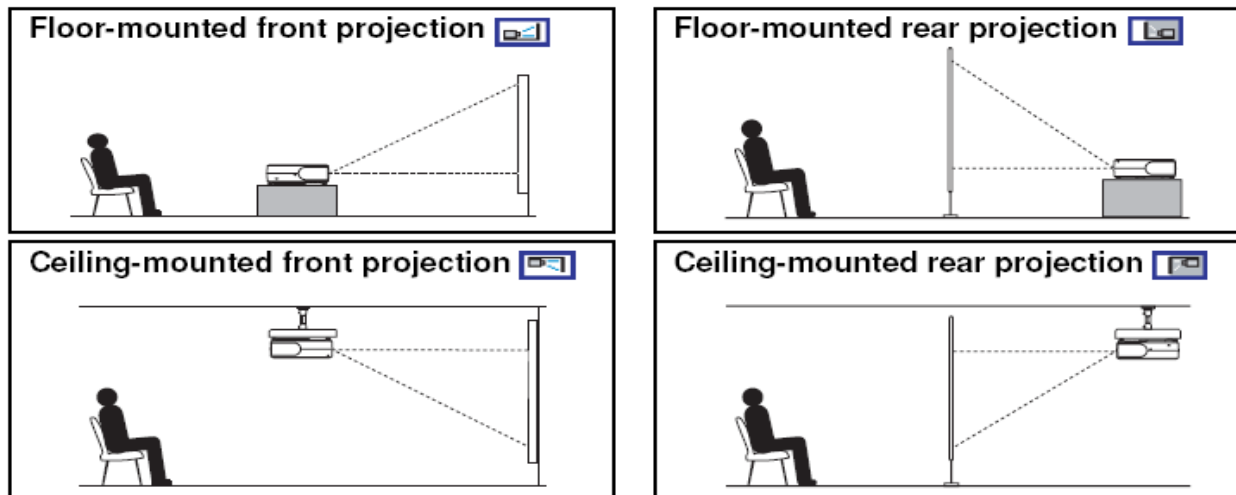
Toshiba TLP-X3000U Conference Room Projector Specifications

Model	TLP-X3000U	
Display Technology	Shape	0.7" LCD
	No. of Pixels	786,432 (1024 x 768)
Projection Lens	Standard Lens	1.2x manual zoom/manual focus
	F/f (mm)	F = 1.8 - 2.1, f = 26.5 - 31.5mm
Light Source		220W (160W in low mode)
Brightness		3000 ANSI lumens
Native Resolution		XGA 1024 x 768
Color Reproduction		Full 16.7 Million Colors
Contrast Ratio		400:1
Projection Screen Size (Diagonal)		33 - 300 inches
Projection Distance		4.8 ft - 37.0 ft
Compatible Scanning Frequency	Horizontal (kHz)	15.63 - 106.25kHz
	Vertical (Hz)	50 - 85Hz
Input Terminal	RGB	1 x D-sub 15
	Video	1x S-video; 1x RCA for Composite Video
	RGB Audio	1x stereo mini-jack
	Video Audio	1x RCA (L/R)
Input Signal Format	Video	NTSC, PAL, SECAM
	Color Difference	HDTV/DTV (480p/480i/576i/576p/720p/1080i)
	RGB	VGA, SVGA, XGA (native), SXGA (compressed), UXGA (compressed)
Output Terminal	Audio	1x stereo mini-jack (variable output)
	RGB	1x D-sub 15 terminal share with In/Out
Other Terminal	RS-232	1x RS-232 (mini DIN 8-pin)
Natural Color Enhancer3		Yes
Digital Keystone Correction		Auto Vertical +/- 30°
Auto Set		Yes
Noise Level		36dB (33dB in low mode)
Internal Speaker		1.0W Monaural
External Dimensions (W x H x D)		11.3" x 3.6" x 9.7"
Weight		6.2 lbs.
Power Consumption		320W
Power Source		100-240V, 50/60Hz
Replacement Lamp		TLP-LW12
Box Contents	Mouse remote control with laser pointer, Mouse remote control receiver, Two size AAA batteries, Power cord, RGB cable, CD-ROM, User's Manual, and Soft Carrying Bag	

***RoHS.** This projector is compatible with European Union Directive 2002/95/EC, Restriction of the use of certain Hazardous Substances in electrical and electronic equipment (RoHS), which restricts use of lead, cadmium, mercury, hexavalent chromium, PBB, and PBDE. Toshiba requires its projector component suppliers to meet RoHS requirements and verifies its suppliers' commitment to meeting RoHS requirements by conducting component sampling inspections during the product design approval process.

Placement Styles

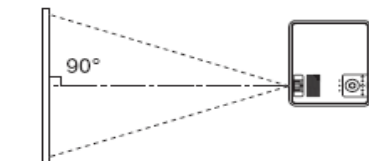
As shown in the figures below, this device can be placed in 4 different styles. The factory setting is “floor-mounted front projection.”



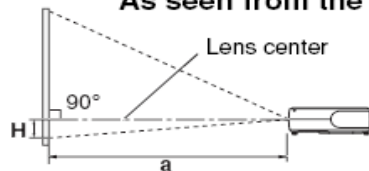
Projection Distance and Size

Use the figures, tables, and formulas below to determine the projection size and projection distance. (Projection sizes are approximate values for full-size picture with no keystone adjustment.)

Screen **As seen from above**



As seen from the side



a is the distance (ft) between the lens and the screen, and corresponds to a range of 4.75 ft to 37.0 ft. **H** is the height from the image bottom to the center of the lens.

$$a \text{ (min length)} = \frac{\text{projection size (inches)} - 1.547}{8.0589}$$

$$a \text{ (max length)} = \frac{\text{projection size (inches)} - 1.2907}{6.7256}$$

projection size (in)	projection distance a (ft)		height (H) (in)
	min length (zooming max)	max length (zooming min)	
33	—	4.71	1.6
40	4.77	5.76	2.0
60	7.25	8.73	2.9
80	9.73	11.70	3.9
100	12.22	14.68	4.9
150	18.42	22.11	7.3
200	24.63	29.55	9.8
250	30.83	36.98	12.2
300	37.03	—	14.7