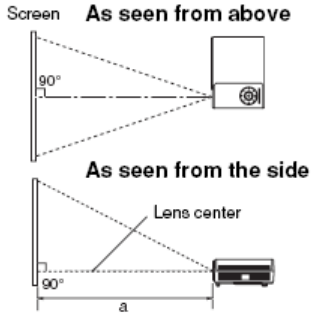
Toshiba TDP-TW100U Conference Room Projector* Specifications		
Model		**TDP-TW100U***
Display Technology	Shape	0.55" DMD DLP™
	No. of Pixels	786,432 (1024 x 768)
Projection Lens	Standard Lens	1.6x power zoom/auto focus
	F/f (mm)	F = 2.23 - 2.82, f = 20.5 - 32.8mm
Light Source		275W
Brightness		2700 ANSI lumens
Native Resolution		XGA 1024 x 768
Wireles Technology		IEEE 802.11b/g
Color Reproduction		Full 16.7 Million Colors
Contrast Ratio		2000:1
Projection Screen Size (Diagonal)		30 - 300 inches
Projection Distance		3.5 ft - 36.4 ft
Throw Ratio		1.8 - 2.9:1
Compatible Scanning Frequency	Horizontal (kHZ)	15 - 120kHz
	Vertical (Hz)	50 - 150Hz
Input Terminal	RGB	2 x D-sub 15-pin
	Video	1x S-video; 1x RCA for Composite Video
	RGB Audio	1x stereo mini-jack
	Video Audio	2x RCA (L/R)
Input Signal Format	Video	NTSC, PAL, SECAM
	Color Difference	HDTV/DTV (1080i/720p/576p/576i/480p/480i)
	RGB	VGA, SVGA, XGA (native), SXGA (compressed), UXGA (compressed)
Output Terminal	Audio	1x stereo mini-jack (variable output)
	RGB	1x D-sub 15-pin
Other Terminal	RS-232	1x mini DIN 8-pin
	USB	1x type A USB 2.0 high-speed enabled port
Digital Keystone Correction		Automatic vertical +/- 30°
Auto Set		Yes
Noise Level		36dB (33dB in low mode)
Internal Speaker		1-watt Monaural
External Dimensions (WxDxH)		11.8" x8.6" x 3.9"
Weight		6.8 lbs.
Power Consumption		385W
Power Source		100-240V, 50/60Hz
Replacement Lamp		TLP-LW10
Box Contents	Mouse remote control with laser pointer (size AAA batteries included), Mouse remote control receiver, Power Cord, RGB Cable, Wireless LAN USB adapter, CD-ROM, User's Manual, 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.

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.)



a is the distance (m) between the lens and the screen, and corresponds to a range of 1.07 m to 11.09 m.

$$a\ (\text{min length}) = \frac{\text{projection size (inches)} - 1.0437}{26.957}$$

$$a\ (\text{max length}) = \frac{\text{projection size (inches)} - 0.6246}{16.749}$$

projection size (inches)	projection distance a (m)	
	min length (zooming max)	max length (zooming min)
30	1.07	1.75
40	1.45	2.35
60	2.19	3.55
80	2.93	4.74
100	3.67	5.93
150	5.53	8.92
200	7.38	–
250	9.24	–
300	11.09	–