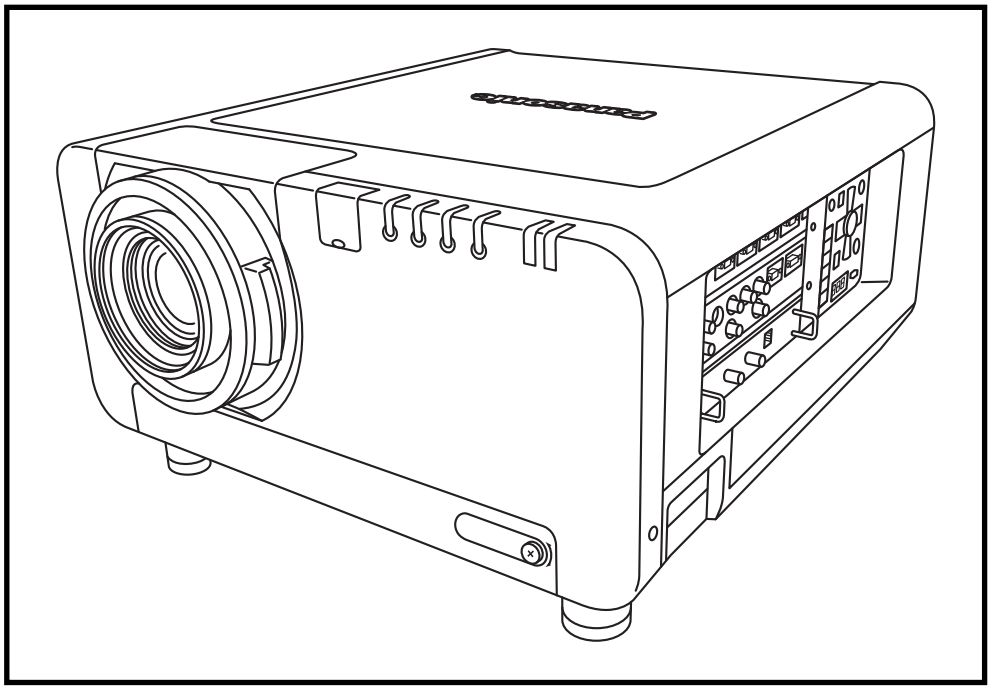
Panasonic ideas for life

SPEC FILE



Product Number : PT-**D10000**

Product Name : 3-Chip DLP™ Projector

Specifications

Main Unit

Power supply:	North America:	120 V AC, 20 A, 60 Hz
	Europe, Asia	220–240 V AC, 15 A, 50/60 Hz
Power consumption:		1,450 W (25 W in standby mode with fan stopped)
DLP™ chip:	Panel size:	0.95″ diagonal (4:3 aspect ratio)
	Display method:	DLP™ chip x 3 (R, G, B), DLP™ projection system
	Pixels:	1,470,000 (1,400 x 1,050) x 3, total of 4,410,000 pixels
Lens:		Optional powered zoom/focus lenses
Lamp:		250W UHM™ lamp x 4
Screen size:		70 – 600 inches, 4:3 aspect ratio (70 – 300 inches, 4:3 aspect ratio with the ET-D75LE5)
Brightness*1:		10,000 lumens (four-lamp operation mode)
Center-to-corner uniformity*1:		90%
Contrast*1:		5,000:1 (full on/full off, in dynamic iris 3 mode)
Resolution:	RGB:	1,400 x 1,050 pixels (1,600 x 1,200 pixels compatible, compression mode)
	Video:	560 TV lines
Scanning frequency:	RGB:	Horizontal: 15–100 kHz, Vertical: 24 – 120 Hz*2, Dot clock: 20–162 MHz
	$Y P_B P_R$ ($Y C_B C_R$):	480i: f_H 15.75 kHz; f_V 60 Hz, 576i: f_H 15.63 kHz; f_V 50 Hz, 480p: f_H 31.5 kHz; f_V 60 Hz, 576p: f_H 31.25 kHz; f_V 50 Hz, 720/60p: f_H 45 kHz; f_V 60 Hz, 720/50p: f_H 37.5 kHz; f_V 50 Hz, 1035/60i: f_H 33.75 kHz; f_V 60 Hz, 1080/60i: f_H 33.75 kHz; f_V 60 Hz, 1080/50i: f_H 28.13 kHz; f_V 50 Hz, 1080/25p: f_H 28.13 kHz; f_V 25 Hz, 1080/24p: f_H 27 kHz; f_V 24 Hz, 1080/24sF: f_H 27 kHz; f_V 48 Hz, 1080/30p: f_H 33.75 kHz; f_V 30 Hz, 1080/60p: f_H 67.5 kHz; f_V 60 Hz, 1080/50p: f_H 56.25 kHz; f_V 50 Hz
	S-Video/Video:	Horizontal: 15.75/15.63 kHz, Vertical: 50/60 Hz, (NTSC, NTSC4.43, PAL, PAL60, PAL-N, PAL-M, SECAM)
Optical axis shift*3:		Horizontal and vertical, powered
Keystone correction range:		Vertical: ±40° (±22° with the ET-D75LE5, ±28° with the ET-D75LE6)
Installation:		Ceiling/floor, front/rear
Terminals:	RGB1 IN:	BNC x 5
	Y, P_B, P_R	Y: 1.0 p-p, 75 ohms (incl. sync signal), P_B/P_R: 0.7 Vp-p, 75 ohms
	R, G, B:	0.7 Vp-p (1.0 Vp-p for sync on G), 75 ohms HD/SYNC: 1.4–5 Vp-p, positive/negative automatic, 75 ohms VD: 1.4–5 Vp-p, positive/negative automatic, 75 ohms **NOTE: HD/SYNC, and VD terminals do not accept 3-value direct sync signals.**
	RGB2 IN:	D-sub HD 15-pin x 1
	Y, P_B, P_R	Y: 1.0 p-p, 75 ohms (incl. sync signal), P_B/P_R: 0.7 Vp-p, 75 ohms
	R, G, B:	0.7 Vp-p (1.0 Vp-p for sync on G), 75 ohms HD/VD/SYNC: TTL, high impedance, positive/negative automatic VD: 1.4–5 Vp-p, positive/negative automatic, 75 ohms **NOTE: HD/SYNC, and VD terminals do not accept 3-value direct sync signals.**
	VIDEO IN:	BNC x 1, 1.0 Vp-p
	VIDEO OUT:	BNC x 1, 1.0 Vp-p, active through
	S-VIDEO IN:	Mini DIN 4-pin x 1 Y: 1.0 Vp-p, C: 0.286 Vp-p, 75 ohms (S1 signal compatible)
	DVI-D IN:	DVI-D 24-pin x 1, DVI 1.0 compliant, HDCP compatible, single link
	LAN:	RJ-45 x 1, 10Base-T/100Base-TX, compatible with PJLink™ class 1
	SERIAL IN*4:	D-sub 9-pin x 2 (RS-232C compliant, RS-422 compliant)
	SERIAL OUT*4:	D-sub 9-pin x 1 (RS-422 compliant)
	REMOTE 1 IN:	M3 jack x 1 for wired remote control
	REMOTE 1 OUT:	M3 jack x 1 for link control
	REMOTE 2 IN:	D-sub 9-pin x 1 for external control (parallel)

Optional board slot*5:		
With ET-MD77SD1 installed:	SERIAL IN:	BNC x 1, 4:2:2 digital serial component signal, SMPTE 259M compliant, 480i, 576i
	SERIAL OUT:	BNC x 1, active through
With ET-MD77SD3 installed:	SERIAL IN:	BNC x 1 4:2:2 digital serial component signal: SMPTE 259M compliant, 480i, 576i HD digital serial component signal: SMPTE 292M compiant, 720/60p, 720/50p, 1035/60i, 1080/25p, 1080/24p, 1080/24sF, 1080/30p
	SERIAL OUT:	BNC x 1, active through
With ET-MD77DV installed:	DVI-D IN:	DVI-D 24-pin x 1, DVI 1.0 compliant, compatible with HDCP, single link EDID1: 480p, 576p, 1080/60i, 1080/50i, 1080/24p, 1080/24sF, 1080/25p, 1080/30p, 1080/60p, 1080/50p, 720/60p, 720/50p EDID2: Compatible with non-interlaced signals only, VGA (640 x 480) – U-XGA (1,600 x 1,200), dot clock: 25–162 MHz
Dimensions (W x H x D):		578 x 320 x 643 mm (22-3/4″ x 12-19/32″ x 25-5/16″) (without lens)
Weight:		32 kg (70.5 lbs) (without lens)
Operating temperature*6:		0–45°C (32–113°F)
Operating humidity:		10–80% (no condensation)

Remote Control Unit

Power supply:	3 V DC (AA battery x 2)
Operation range*7:	Approx. 30 m when operated from directly signal receptor
Dimensions (W x H x D):	51 x 22.7 x 176 mm (2″ x 7/8″ x 6-15/16″)
Weight:	134 g (4.7 oz.) (including batteries)

Optional Accessories

Zoom lens (0.9 – 1.1:1):	ET-D75LE6
Zoom lens (1.4 – 1.8:1):	ET-D75LE1
Zoom lens (1.8 – 2.8:1):	ET-D75LE2
Zoom lens (2.8 – 4.6:1):	ET-D75LE3
Zoom lens (4.6 – 7.4:1):	ET-D75LE4
Zoom lens (7.3 – 13.8:1):	ET-D75LE8
Fixed-focus lens (0.7:1):	ET-D75LE5
SD-SDI/network board:	ET-MD77SD1 (480p, 576i)
HD-SDI/SD-SDI/network board:	ET-MD77SD3 (720/60p, 720/50p, 1035/60i, 1080/60i, 1080/50i, 1080/25p, 1080/24p, 1080/24sF, 1080/30p)
DVI-D/network board:	ET-MD77DV
Replacement lamp unit	ET-LAD10000 (one unit) ET-LAD10000F (a set of four lamps)
Ceiling mount bracket for high ceilings	ET-PKD100H
Ceiling mount bracket for low ceilings	ET-PKD100S
Frame	ET-PFD100
Carrying handle	ET-HAD100

Weights and dimensions shown are approximate. Specifications subject to change without notice.

***1 Values indicate overall average values of the product at the time of shipment and are stated based on JIS X 6911:2003 Data Projector Specification Sheet Format. Measurement method and conditions are based on Appendix 2.**

***2 Smooth image reproduction may not be possible when a motion video signal with a vertical frequency other than 50 or 60 Hz is input.**

***3 Shift range is limited during simultaneous horizontal and vertical shifting.**

***4 Contact your dealers for details when the control using RS-232C or RS-422 is required.**

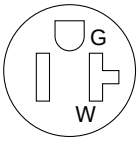
***5 The LAN terminal on the optional board will be inactivated after installation. Use the LAN terminal on the main unit.**

***6 Operating temperature is 0°C – 40°C (32°F–104°F) when the fan control is set to "HIGHLAND" (for over 1,400 m to 2,700 m above sea level).**

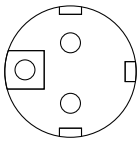
***7 Operation range differs depending on environments.**

Shape of the plug receptacle

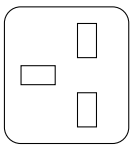
AC 120V AC, 20 A



AC 220-240V AC, 16 A

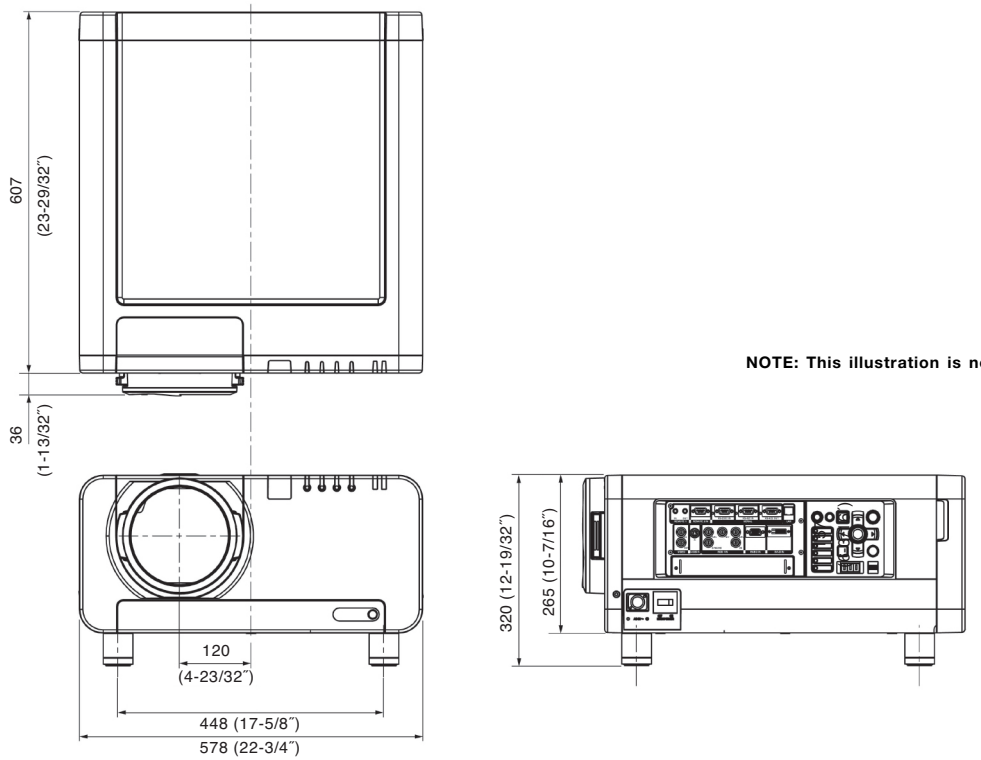


AC 220-240V AC, 13 A/15 A



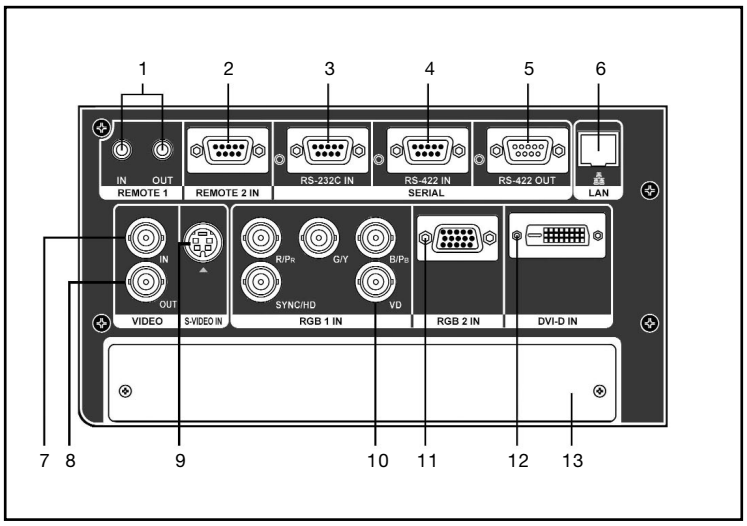
Be sure to use the power plug adaptor cord supplied with the PT-D7700. The supplied power plug adaptor can be used with the PT-D7700 only.

Dimensions



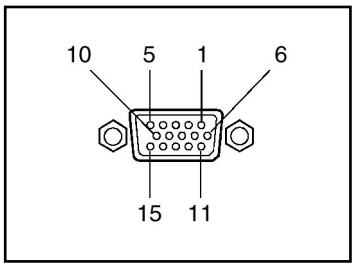
unit : mm (inch)
NOTE: This illustration is not drawn to scale.

Terminals



1 Remote 1 input/output
2 Remote 2 input
3 Serial input (RS-232C)
4 Serial input (RS-422)
5 Serial output (RS-422)
6 LAN connector (10Base-T/100Base-TX)
7 Video input
8 Video output
9 S-Video input
10 RGB 1 (YP_BP_R) input
11 RGB 2 Input
12 DVI-D input
13 Optional board slot

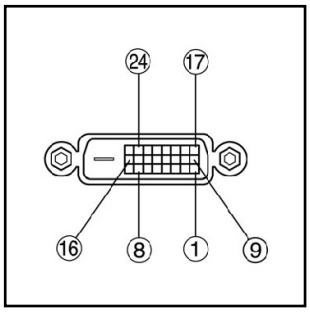
RGB IN connector pin assignment



High-density D-sub 15-pin (female)

no.	signal	no.	signal	no.	signal
1	R/P_R	6	GND	11	GND
2	G/G-SYNC/Y	7	GND	12	NC
3	B/P_B	8	GND	13	HD/SYNC
4	GND	9	NC	14	VD
5	GND	10	GND	15	NC

DVI-D output connector pin assignment

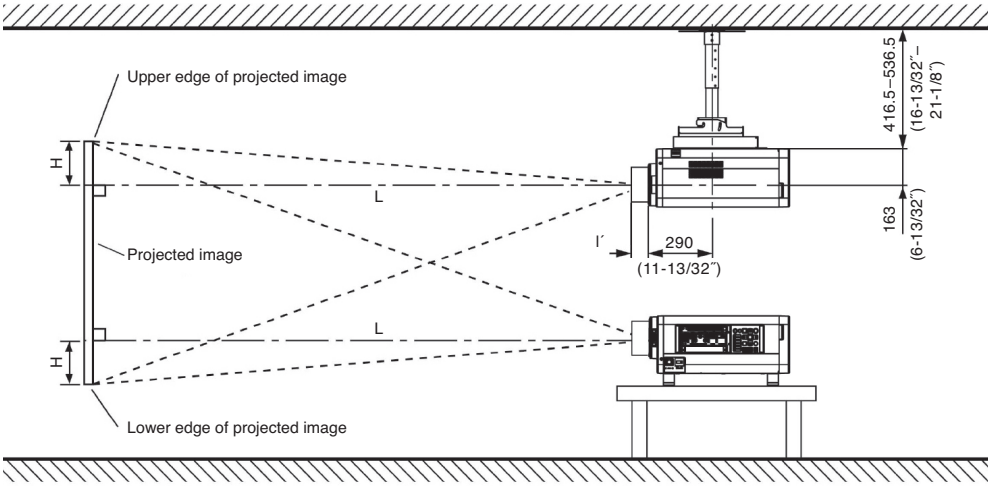


DVI-D 24-pin

no.	signal	no.	signal	no.	signal
1	T, M, D, S data 2-	9	T, M, D, S data 1-	17	T, M, D, S data 0-
2	T, M, D, S data 2+	10	T, M, D, S data 1+	18	T, M, D, S data 0+
3	T, M, D, S data 2/4 shield	11	T, M, D, S data 1/3 shield	19	T, M, D, S data 0/5 shield
4	NC	12	NC	20	NC
5	NC	13	NC	21	NC
6	DDC clock	14	+5 V	22	T, M, D, S clock shield
7	DDC clock	15	GND	23	T, M, D, S clock +
8	NC	16	Hot plug detection	24	T, M, D, S clock -

Standard setting-up positions

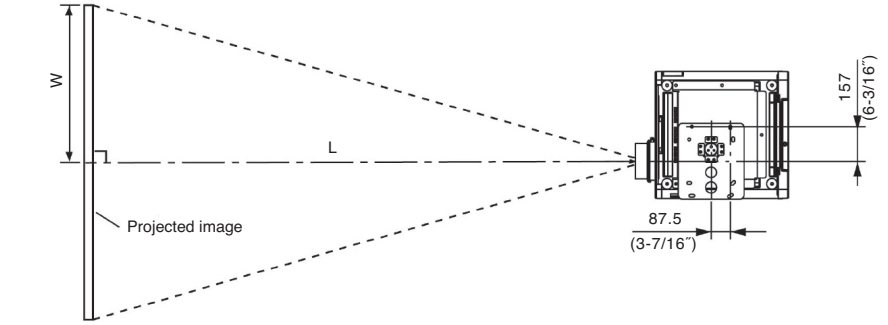
Installed with the ET-PKD100H



When the optional ceiling-mounted bracket (ET-PKD100H) and lens are used, add the l´ value shown below to the 290-mm (11-13/32˝) measurement from the ceiling-mounted bracket pole to the surface of the lens.

Lens	l´
ET-D75LE1	26.5 mm (1-1/32˝)
ET-D75LE2	11 mm (7/16˝)
ET-D75LE3	14.5 mm (9/16˝)
ET-D75LE4	38.4 mm (1-1/2˝)
ET-D75LE6	124 mm (4-7/8˝)
ET-D75LE8	166.5 mm (6-9/16˝)
ET-D75LE5	114.5 mm (4-1/2˝)

unit : mm (inch)

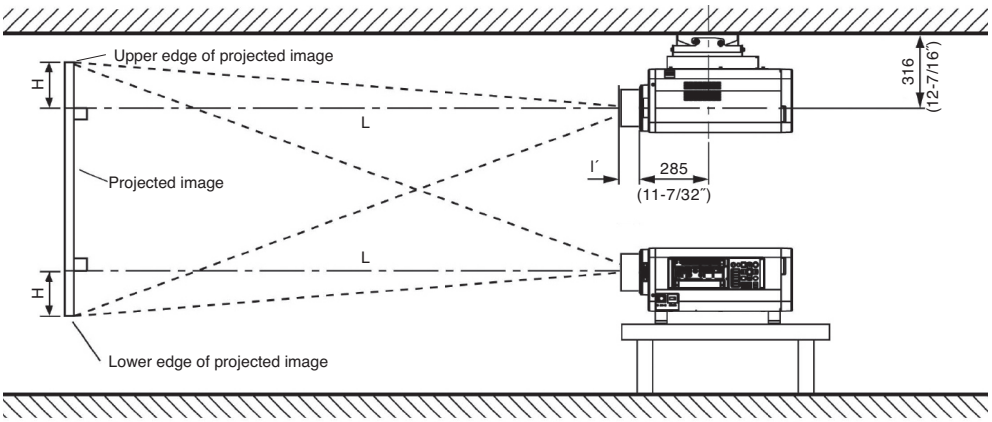


NOTE:

Illustrations show the projector installed using optional ceiling bracket.

This illustration is not drawn to scale.

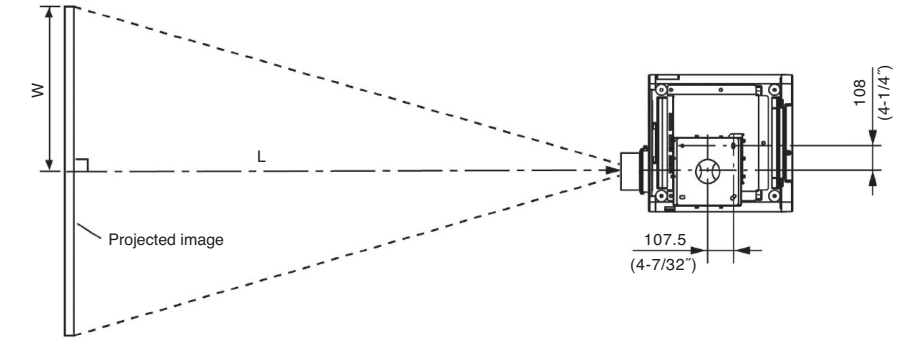
Installed with the ET-PKD100S



When the optional ceiling-mounted bracket (ET-PKD100S) and lens are used, add the l´ value shown below to the 285-mm (11-7/32˝) measurement from the ceiling-mounted bracket pole to the surface of the lens.

Lens	l´
ET-D75LE1	26.5 mm (1-1/32˝)
ET-D75LE2	11 mm (7/16˝)
ET-D75LE3	14.5 mm (9/16˝)
ET-D75LE4	38.4 mm (1-1/2˝)
ET-D75LE6	124 mm (4-7/8˝)
ET-D75LE8	166.5 mm (6-9/16˝)
ET-D75LE5	114.5 mm (4-1/2˝)

unit : mm (inch)



NOTE:

Illustrations show the projector installed using optional ceiling bracket.

This illustration is not drawn to scale.

Projection distance (screen aspect ratio 4:3)

Lens (Throw ratio)* / Screen size (inch, diagonal)	Distance to screen: Zoom — ET-D75LE1 Zoom lens (1.5–2.0:1) min.	ET-D75LE1 max.	ET-D75LE2 Zoom lens (2.0–3.0:1) min.	ET-D75LE2 max.	ET-D75LE3 Zoom lens (3.0–5.0:1) min.	ET-D75LE3 max.	ET-D75LE4 Zoom lens (5.0–8.0:1) min.	ET-D75LE4 max.	ET-D75LE8 Zoom lens (7.9–15.0:1) min.	ET-D75LE8 max.	ET-D75LE6 Zoom lens (1.0–1.2:1) min.	ET-D75LE6 max.	Distance to screen: Fixed-focus — ET-D75LE5 Fixed-focus lens (0.8:1)	Height from the edge of screen to center of lens (H): Zoom lenses — Zoom lenses except ET-D75LE6	Zoom lenses — ET-D75LE6	Fixed-focus lens
70	2,072 *6.8*	2,768 *9.1*	2,801 *9.2*	4,215 *13.8*	4,226 *13.9*	7,094 *23.3*	7,101 *23.3*	11,374 *37.3*	11,091 *36.4*	21,142 *69.4*	1,393 *4.6*	1,662 *5.5*	1,022 *3.35*	0 – 1,067 *0 – 3.51*	107 – 960 *0.35 – 3.34*	533 *1.75*
80	2,379 *7.8*	3,178 *10.4*	3,212 *10.5*	4,832 *15.9*	4,843 *15.9*	8,125 *26.7*	8,132 *26.7*	13,013 *42.7*	12,730 *41.8*	24,214 *79.4*	1,600 *5.2*	1,910 *6.3*	1,180 *3.87*	0 – 1,219 *0 – 4.00*	122 – 1,097 *0.40 – 3.82*	610 *2.00*
90	2,686 *8.8*	3,588 *11.8*	3,624 *11.9*	5,449 *17.9*	5,460 *17.9*	9,156 *30.0*	9,163 *30.1*	14,652 *48.1*	14,370 *47.1*	27,286 *89.5*	1,807 *5.9*	2,158 *7.1*	1,338 *4.39*	0 – 1,372 *0 – 4.49*	137 – 1,234 *0.45 – 4.77*	686 *2.25*
100	2,992 *9.8*	3,998 *13.1*	4,035 *13.2*	6,067 *19.9*	6,077 *19.9*	10,187 *33.4*	10,193 *33.4*	16,292 *53.5*	16,009 *52.5*	30,358 *99.6*	2,014 *6.6*	2,406 *7.9*	1,496 *4.91*	0 – 1,524 *0 – 4.99*	152 – 1,372 *0.50 – 5.25*	762 *2.50*
120	3,606 *11.8*	4,817 *15.8*	4,858 *15.9*	7,301 *24.0*	7,312 *24.0*	12,248 *40.2*	12,255 *40.2*	19,570 *64.2*	19,288 *63.3*	36,501 *119.8*	2,428 *8.0*	2,902 *9.5*	1,812 *5.94*	0 – 1,829 *0 – 6.00*	183 – 1,646 *0.60 – 5.72*	914 *3.00*
150	4,526 *14.8*	6,047 *19.8*	6,093 *20.0*	9,153 *30.0*	9,164 *30.0*	15,341 *50.3*	15,348 *50.4*	24,488 *80.3*	24,207 *79.4*	45,717 *150.0*	3,049 *10.0*	3,646 *12.0*	2,286 *7.50*	0 – 2,286 *0 – 7.51*	229 – 2,057 *0.75 – 7.15*	1,143 *3.75*
200	6,060 *19.9*	8,096 *26.6*	8,150 *26.7*	12,240 *40.2*	12,250 *40.2*	20,496 *67.2*	20,502 *67.3*	32,685 *107.2*	32,404 *106.3*	61,076 *200.4*	4,084 *13.4*	4,886 *16.0*	3,076 *10.09*	0 – 3,048 *0 – 10.01*	305 – 2,743 *1.00 – 9.53*	1,524 *5.00*
250	7,594 *24.9*	10,145 *33.3*	10,208 *33.5*	15,326 *50.3*	15,337 *50.3*	25,650 *84.2*	25,657 *84.2*	40,881 *134.1*	40,602 *133.2*	76,435 *250.8*	5,119 *16.8*	6,126 *20.4*	3,866 *12.68*	0 – 3,810 *0 – 12.5*	381 – 3,429 *1.25 – 11.92*	1,905 *6.25*
300	9,128 *29.9*	12,194 *40.0*	12,265 *40.2*	18,413 *60.4*	18,423 *60.4*	30,805 *101.1*	30,811 *101.1*	49,078 *161.0*	48,799 *160.1*	91,794 *301.2*	6,154 *20.2*	7,366 *24.2*	4,656 *15.28*	0 – 4,572 *0 – 14.99*	457 – 4,115 *1.50 – 14.30*	2,286 *7.50*
400	12,196 *40.0*	16,292 *53.5*	16,380 *53.7*	24,586 *80.7*	24,596 *80.7*	41,114 *134.9*	41,120 *134.9*	65,471 *214.8*	65,194 *213.9*	122,512 *401.9*	8,224 *27.0*	9,846 *32.3*	- -	0 – 6,096 *0 – 20.01*	610 – 5,486 *2.00 – 19.07*	- -
500	15,264 *50.0*	20,390 *66.9*	20,495 *67.2*	30,759 *100.9*	30,769 *100.9*	51,423 *168.7*	51,429 *168.7*	81,864 *268.6*	81,589 *267.7*	153,230 *502.7*	10,294 *33.8*	12,326 *40.4*	- -	0 – 7,620 *0 – 25.00*	762 – 6,858 *2.5 – 23.84*	- -
600	18,332 *60.1*	24,488 *80.3*	24,610 *80.7*	36,932 *121.2*	36,942 *121.2*	61,732 *202.5*	61,738 *202.6*	98,257 *322.4*	97,984 *321.5*	183,948 *603.5*	12,364 *40.6*	14,806 *48.6*	- -	0 – 9,144 *0 – 29.99*	914 – 8,230 *3.00 – 28.61*	- -

* The throw ratio is an approximate value calculated by dividing the screen width by the projection distance.
(Throw ratio) = (screen width) / (projection distance)

millimeters
feet

Projection distance (screen aspect ratio 16:9)

Lens (Throw ratio)* / Screen size (inch, diagonal)	Distance to screen: Zoom — ET-D75LE1 Zoom lens (1.5–2.0:1) min.	ET-D75LE1 max.	ET-D75LE2 Zoom lens (2.0–3.0:1) min.	ET-D75LE2 max.	ET-D75LE3 Zoom lens (3.0–5.0:1) min.	ET-D75LE3 max.	ET-D75LE4 Zoom lens (5.0–8.0:1) min.	ET-D75LE4 max.	ET-D75LE8 Zoom lens (8.0–15.0:1) min.	ET-D75LE8 max.	ET-D75LE6 Zoom lens (1.0–1.2:1) min.	ET-D75LE6 max.	Distance to screen: Fixed-focus — ET-D75LE5 Fixed-focus lens (0.8:1)	Height from the edge of screen to center of lens (H): Zoom lenses — Zoom lenses except ET-D75LE6	Zoom lenses — ET-D75LE6	Fixed-focus lens
70	2,263 *7.4*	3,024 *9.9*	3,059 *10.0*	4,600 *15.1*	4,611 *15.1*	7,739 *25.4*	7,745 *25.4*	12,398 *40.7*	12,116 *39.8*	23,062 *75.7*	1,519 *5.0*	1,816 *6.0*	1,121 *3.68*	-145 – 1,017 *-0.48 – 3.34*	-29 – 901 *-0.10 – 2.96*	533 *1.75*
80	2,597 *8.5*	3,471 *11.4*	3,507 *11.5*	5,273 *17.3*	5,284 *17.3*	8,862 *29.1*	8,868 *29.1*	14,184 *46.5*	13,902 *45.6*	26,408 *86.6*	1,744 *5.7*	2,086 *6.8*	1,293 *4.24*	-166 – 1,163 *-0.54 – 3.82*	-33 – 1,029 *-0.11 – 3.38*	610 *2.00*
90	2,931 *9.6*	3,917 *12.9*	3,955 *13.0*	5,945 *19.5*	5,956 *19.5*	9,985 *32.8*	9,991 *32.8*	15,970 *52.4*	15,688 *51.5*	29,754 *97.6*	1,969 *6.5*	2,356 *7.7*	1,465 *4.81*	-186 – 1,308 *-0.61 – 4.77*	-37 – 1,158 *-0.12 – 3.80*	686 *2.25*
100	3,265 *10.7*	4,364 *14.3*	4,403 *14.4*	6,618 *21.7*	6,628 *21.7*	11,108 *36.4*	11,114 *36.5*	17,756 *58.3*	17,473 *57.3*	33,101 *108.6*	2,194 *7.2*	2,626 *8.6*	1,637 *5.37*	-207 – 1,453 *-0.68 – 5.25*	-42 – 1,287 *-0.14 – 4.22*	762 *2.50*
120	3,934 *12.9*	5,256 *17.2*	5,300 *17.4*	7,962 *26.1*	7,973 *26.2*	13,354 *43.8*	13,360 *43.8*	21,327 *70.0*	21,045 *69.0*	39,793 *130.6*	2,644 *8.7*	3,166 *10.4*	1,982 *6.50*	-249 – 1,744 *-0.82 – 5.72*	-50 – 1,544 *-0.16 – 5.07*	914 *3.00*
150	4,936 *16.2*	6,596 *21.6*	6,645 *21.8*	9,980 *32.7*	9,990 *32.8*	16,723 *54.9*	16,729 *54.9*	26,684 *87.5*	26,403 *86.6*	49,831 *163.5*	3,319 *10.9*	3,976 *13.0*	2,498 *8.20*	-311 – 2,180 *-1.02 – 7.15*	-62 – 1,930 *-0.20 – 6.33*	1,143 *3.75*
200	6,606 *21.7*	8,828 *29.0*	8,886 *29.2*	13,342 *43.8*	13,352 *43.8*	22,338 *73.3*	22,344 *73.3*	35,613 *116.8*	35,332 *115.9*	66,562 *218.4*	4,444 *14.6*	5,326 *17.5*	3,358 *11.02*	-414 – 2,907 *-1.36 – 9.53*	-83 – 2,574 *-0.27 – 8.44*	1,524 *5.00*
250	8,277 *27.2*	11,060 *36.3*	11,128 *36.5*	16,704 *54.8*	16,714 *54.8*	27,953 *91.7*	27,959 *91.7*	44,541 *146.1*	44,262 *145.2*	83,292 *273.3*	5,569 *18.3*	6,676 *21.9*	4,219 *13.84*	-518 – 3,633 *-1.70 – 11.92*	-104 – 3,217 *-0.34 – 10.55*	1,905 *6.25*
300	9,947 *32.6*	13,292 *43.6*	13,369 *43.9*	20,066 *65.8*	20,076 *65.9*	33,568 *110.1*	33,574 *110.2*	53,470 *175.4*	53,191 *174.5*	100,023 *328.2*	6,694 *22.0*	8,026 *26.3*	5,079 *16.66*	-622 – 4,360 *-2.04 – 14.30*	-125 – 3,860 *-0.41 – 12.66*	2,286 *7.50*
400	13,288 *43.6*	17,756 *58.3*	17,852 *58.6*	26,790 *87.9*	26,800 *87.9*	44,798 *147.0*	44,804 *147.0*	71,327 *234.0*	71,050 *233.1*	133,484 *437.9*	8,944 *29.3*	10,726 *35.2*	- -	-829 – 5,813 *-2.72 – 19.07*	-166 – 5,147 *-0.54 – 16.89*	- -
500	16,629 *54.6*	22,220 *72.9*	22,335 *73.3*	33,514 *110.0*	33,524 *110.0*	56,028 *183.8*	56,034 *183.8*	89,184 *292.6*	88,909 *291.7*	166,945 *547.7*	11,194 *36.7*	13,426 *44.0*	- -	-1,036 – 7,266 *-3.40 – 23.84*	-208 – 6,434 *-0.68 – 21.11*	- -
600	19,970 *65.5*	26,684 *87.5*	26,818 *88.0*	40,238 *132.0*	40,248 *132.0*	67,258 *220.7*	67,264 *220.7*	107,041 *351.2*	106,768 *350.3*	200,406 *657.5*	13,444 *44.1*	16,126 *52.9*	- -	-1,243 – 8,720 *-4.08 – 28.61*	-249 – 7,721 *-0.92 – 25.33*	- -

* The throw ratio is an approximate value calculated by dividing the screen width by the projection distance.
(Throw ratio) = (screen width) / (projection distance)

millimeters
feet

Calculation of the projection distance

For a screen size different from the above, use the equation below to calculate the projection distance.

ET-D75LE1	4 : 3	minimum	L (mm) = (diagonal screen size in inches) x 30.68 - 76
		maximum	L (mm) = (diagonal screen size in inches) x 40.98 - 100
	16 : 9	minimum	L (mm) = (diagonal screen size in inches) x 33.41 - 76
		maximum	L (mm) = (diagonal screen size in inches) x 44.64 - 100
ET-D75LE2	4 : 3	minimum	L (mm) = (diagonal screen size in inches) x 41.15 - 80
		maximum	L (mm) = (diagonal screen size in inches) x 61.73 - 106
	16 : 9	minimum	L (mm) = (diagonal screen size in inches) x 44.83 - 80
		maximum	L (mm) = (diagonal screen size in inches) x 67.24 - 106
ET-D75LE3	4 : 3	minimum	L (mm) = (diagonal screen size in inches) x 61.73 - 96
		maximum	L (mm) = (diagonal screen size in inches) x 103.09 - 122
	16 : 9	minimum	L (mm) = (diagonal screen size in inches) x 67.24 - 96
		maximum	L (mm) = (diagonal screen size in inches) x 112.30 - 122
ET-D75LE4	4 : 3	minimum	L (mm) = (diagonal screen size in inches) x 103.09 - 116
		maximum	L (mm) = (diagonal screen size in inches) x 163.93 - 101
	16 : 9	minimum	L (mm) = (diagonal screen size in inches) x 112.30 - 116
		maximum	L (mm) = (diagonal screen size in inches) x 178.57 - 101
ET-D75LE6	4 : 3	minimum	L (mm) = (diagonal screen size in inches) x 20.7 - 56.6
		maximum	L (mm) = (diagonal screen size in inches) x 24.8 - 73.6
	16 : 9	minimum	L (mm) = (diagonal screen size in inches) x 22.5 - 56.6
		maximum	L (mm) = (diagonal screen size in inches) x 27.0 - 73.6
ET-D75LE5	4 : 3	(fixed focus)	L (mm) = (diagonal screen size in inches) x 15.798 - 84
	16 : 9	(fixed focus)	L (mm) = (diagonal screen size in inches) x 17.209 - 84
ET-D75LE8	4 : 3	minimum	L (mm) = (diagonal screen size in inches) x 163.95 - 386
		maximum	L (mm) = (diagonal screen size in inches) x 307.18 - 360
	16 : 9	minimum	L (mm) = (diagonal screen size in inches) x 178.59 - 386
		maximum	L (mm) = (diagonal screen size in inches) x 334.61 - 360

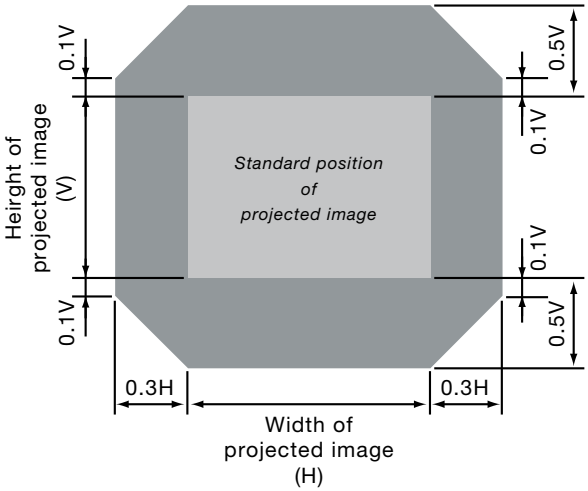
- **The figures in the above table may vary by approximately (5% depending on the projection lens that is used.**
- **When vertical keystone correction is used, the image is corrected in the direction that reduces its projected size.**
- **At the shortest projection distance, the zoom lens characteristics may cause slight image distortion.**
- **For the ET-D75LE5, the height from the edge of the screen to the center of the lens (H) is 1/2 of the screen height. Also, because the ET-D75LE5 is a fixed short-throw lens, the lens shift function cannot be used with it.**

Shift range

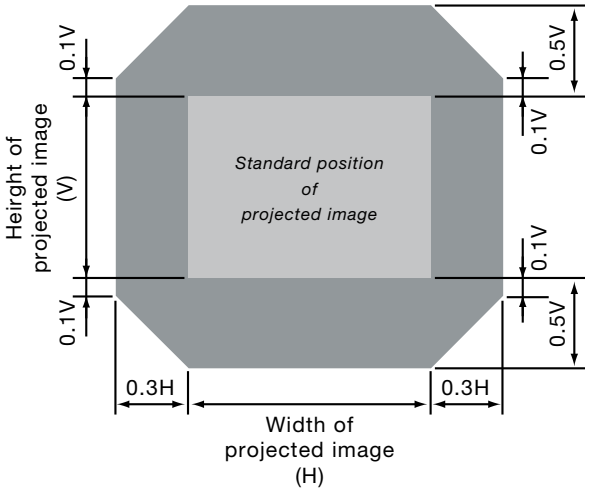
Optical axis shift function allows to shift the position of a projected image as shown below.

ET-D75LE1/D75LE2/D75LE3/D75LE4/D75LE8

When mounted on the floor

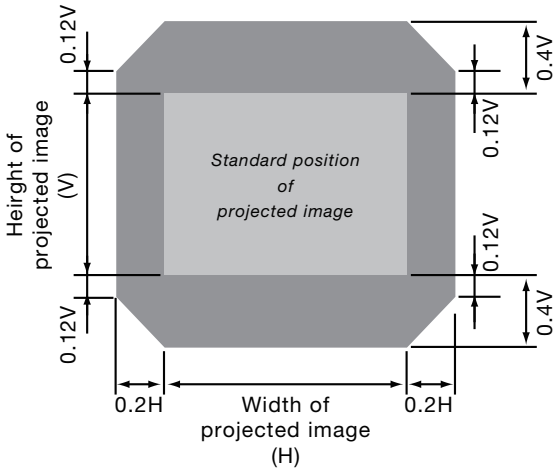


When mounted on the ceiling

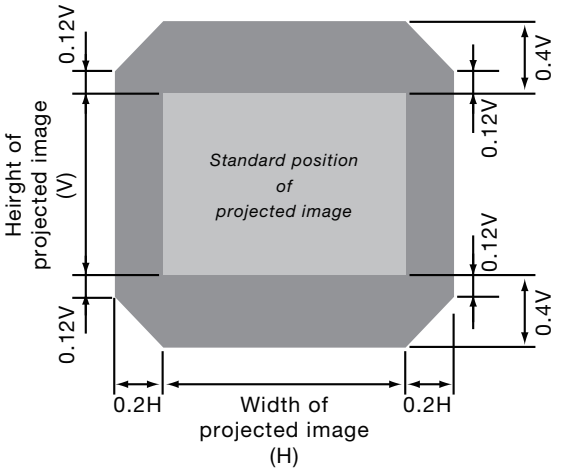


ET-D75LE6

When mounted on the floor



When mounted on the ceiling



Mounting and Operation Precaution

Do not mount the projector so that it angles downward from the vertical (including downward angles of ±45°, because this would adversely affect its lamp cooling ability. For detailed information, please consult your sales representative.