



Představujeme novou generaci 1čipových 4K DLP™ projektorů

PT-REQ80

Nová generace 1čipového DLP™ 4K laserového projektoru PT-REQ80 je navržena tak, aby zefektivnila produkci a rozšířila nekonečné možnosti zábavy tím, že poskytuje výjimečné, vysoce poutavé pohlcující zážitky s jasem až 8 000lm, rozlišením 4K a projekcí 240 Hz.

Key Features

Dramatická grafika pozvedne vaši produkci do nových výšin

Bezproblémový pracovní postup, lepší rozšiřitelnost

Nová konstrukce projektoru pro spolehlivý provoz





PT-REQ80

<https://eu.connect.panasonic.com/sk/cs/projektor/pt-req80>

Projector type	1-Chip DLP™ projector
Display method	DLP™ chip x 1, DLP™ projection system
Display Device -> Panel size	0.8 in diagonal (16:10 aspect ratio)
Display Device -> Number of pixels	2,304,000 (1920 x 1200 pixels)
Light source	Laser diode
Light output *1 *2	8,000 lm
Light output (ANSI)	8,000 lm
Light output (Center)	8,200 lm (Center)
Time until light output declines to 50 %	20,000 hours [NORMAL]
-> NORMAL *5	
Time until light output declines to 50 %	24,000 hours [ECO]
-> ECO *5	
Time until light output declines to 50 %	20,000 hours [QUIET]
-> QUIET *5	
Resolution	4K (3840 x 2400 pixels) (Quad Pixel Drive: ON)
Contrast Ratio (typ.) *2	25,000:1 (Full On/Full Off, Dynamic Contrast [3])
Screen size (diagonal)	70–700 inches (with supplied lens)
Center-to-corner zone ratio *2	90%
Lens	Powered zoom (throw ratio 1.36–2.10:1 for supplied lens), powered focus
Lens shift -> Vertical (from center of screen)	±60 % (with ET-C1W400/W500/S600/T700), ±50 % (with ET-C1W300/U100)
Lens shift -> Horizontal (from center of screen)	±29 % (with ET-C1W400/W500/S600/T700), ±23 % (with ET-C1W300/U100)
Keystone correction range	Vertical: ±40 ° (±5 ° with ET-C1U100; ±10 ° with ET-C1W300; ±16 ° with ET-C1W400; ±22 ° with ET-C1W500)
Installation	Ceiling/floor, front/rear, free 360-degree installation
Terminals -> HDMI™ IN	HDMI™ x 2 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input)
Terminals -> DisplayPort™ IN	DisplayPort™ x 1 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input)
Terminals -> MULTI PROJECTOR SYNC IN	BNC x 1
Terminals -> MULTI PROJECTOR SYNC OUT	BNC x 1
Terminals -> SERIAL IN	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
Terminals -> SERIAL OUT	D-sub 9-pin (male) x 1 for link control (RS-232C compliant)
Terminals -> REMOTE 1 IN	M3 stereo mini-jack x 1 for wired remote control
Terminals -> REMOTE 1 OUT	M3 stereo mini-jack x 1 for link control (for wired remote control)
Terminals -> REMOTE 2 IN	D-sub 9-pin (female) x 1 for external control (parallel)
Terminals -> LAN	RJ-45 x 1 for network connection, PjLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible
Terminals -> DC OUT	USB Type A x 1 (for power supply, DC 5 V, 2 A)
Terminals -> USB TYPE A	USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module/USB memory
Terminals -> SLOT	Open slot for function boards, Intel® SDM standard-compatible
Protocol versions	IPv4, IPv6 *5
Power supply	AC 100–240 V, 50/60 Hz
Maximum power consumption *8	760 W (7.7–3.2 A) (770 VA) (Power consumption is 730 W at AC 200–240 V)
On-mode power consumption (Operating mode) -> Normal *8	[NORMAL] 595 W (AC 100–120 V), 575 W (AC 200–240 V)
On-mode power consumption (Operating mode) -> Eco *8	[ECO] 470 W (AC 100–120 V), 455 W (AC 200–240 V)
On-mode power consumption (Operating mode) -> Quiet *8	[QUIET] 465 W (AC 100–120 V), 450 W (AC 200–240 V)
Cabinet materials	Molded plastic
Filter	No
Operation noise -> Normal *2	35 dB [NORMAL]
Operation noise -> Eco *2	35 dB [ECO]
Operation noise -> Quiet *2	32 dB [QUIET]
Dimensions (W x H x D)	PT-REQ80: 498 x 212 x 648 mm (19 19/32" x 8 11/32" x 25 1/2") (With feet at shortest position) PT-REQ80L: 498 x 212 x 538 mm (19 19/32" x 8 11/32" x 21 3/16") (With feet at shortest position)
Dimensions (W x H x D) -> Width (not including protruding parts)	498 mm (19 19/32")
Dimensions -> Width (including protruding parts)	498 mm (19 19/32")
Dimensions -> Height (including protruding parts)	212 mm (8 11/32")

Dimensions -> Depth (not including protruding parts)	538 mm (21 3/16")
Dimensions -> Depth (including lens)	648 mm (25 1/2")
Weight [kg] ^{*9}	PT-REQ80: Approx. 28.7 kg (63.27 lbs) (with supplied lens)PT-REQ80L: Approx. 27.0 kg (59.52 lbs) (without lens)
Operating environment -> Operating temperature	0–45 °C (32–113 °F)
Operating Environment -> Operating humidity (No condensation)	10–80 % (no condensation)
Applicable software	Logo Transfer Software*10, Multi Monitoring & Control Software, Projector Network Setup Software, Real-Time Tracking Projection-Mapping System, Early Warning Software, Geometry Manager Pro, Smart Projector Control for iOS/Android™
Control function via LAN	Crestron Connected™ V2, Crestron XiO Cloud™, Art-Net DMX, AMX® DD, and PJLink™ (Class 2)
Footnote Description	1. This is the value when the Zoom Lens (Model No.: ET-C1S600) is used. The value varies depending on the lens. 2. When [OPERATING MODE] is set to [NORMAL]. 3. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is the average of all products when shipped. 4. Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped. 5. Average light-output value of all shipped products measured at the center of the screen. 6. Around this time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast Contents, Dynamic Contrast [3], temperature 35 °C (95 °F), elevation 700 m (2,297 ft) with 0.15 mg/m3 of airborne particulate matter. The estimated time until light output declines to 50 % varies depending on the environment. 7. Optional AJ-WM50 Series Wireless Module is not compatible with IPv6. 8. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. On-mode power consumption measured at 25 °C (77 °F) operating temperature at an altitude of 700 m (2,297 ft). 9. This value has included a maximum power consumption of 80 W when using a function board. 10. Average value. May differ depending on the actual unit. 11. When the optional AJ-WM50 Series wireless module is attached, the operating temperature range becomes 0–40 °C (32–104 °F). The operating environment temperature should be between 0 °C (32 °F) and 40 °C (104 °F) if the projector is used at an altitude between 1,400 m (4,593 ft) and 4,200 m (13,780 ft). 12. Excluding the REQ15. Software replaced with equivalent functions in the Web Control UI.

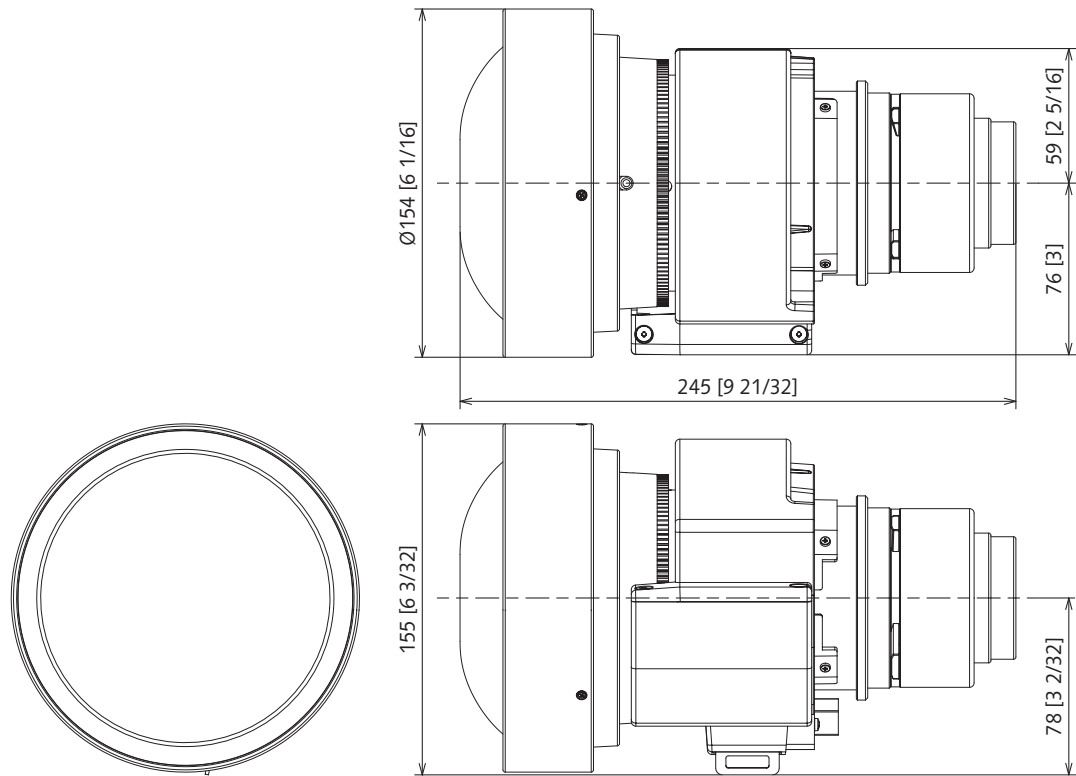
This zoom lens is designed for use with Panasonic's applicable projectors.
*Please use the lens only on the specified Panasonic projector.

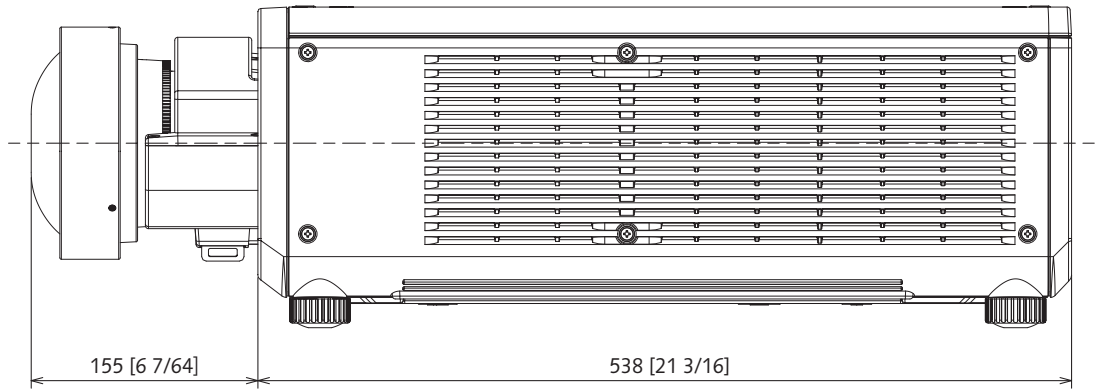
Specifications (Specifications subject to change without notice.)

F-number		1.94 - 2.28
Focal distance (f)		9.9 mm - 12.3 mm [3/6 - 15/32]
Throw ratio		0.550 - 0.690:1 (16:10 aspect ratio)
		0.550 - 0.690:1 (16:9 aspect ratio)
		0.660 - 0.830:1 (4:3 aspect ratio)
		0.551 - 0.691:1 (21:9 aspect ratio)
Dimensions	Width	154 mm [6 1/16 in]
	Height	155 mm [6 3/32 in]
	Depth	245 mm [9 21/32 in]
Weight		2.6 kg (5.73 lbs)
Applicable projector		PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80/PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80

Dimensions

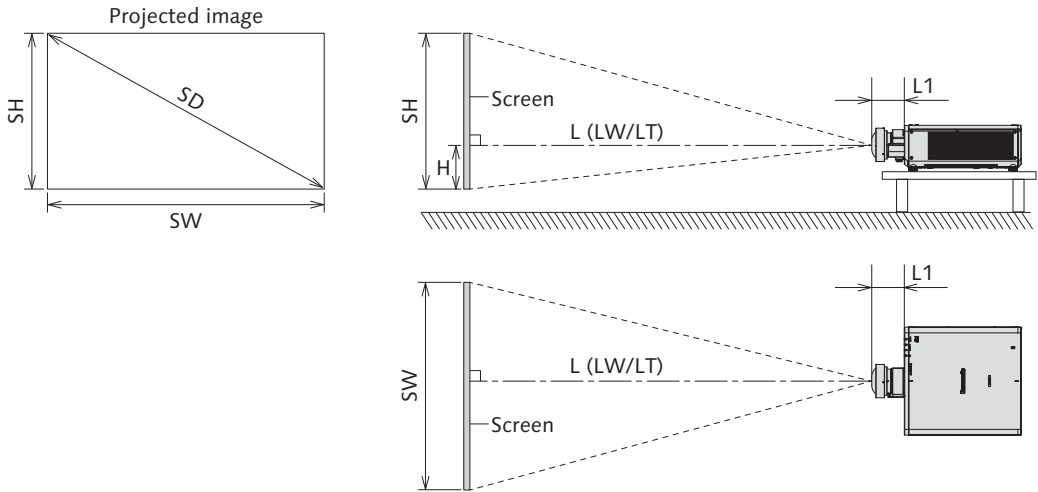
unit : mm [inch]
This illustration is not drawn to scale.





Dimensional relationship diagram

The dimensional relationship between the screen and the projector is shown below.



Note

- This illustration is prepared on the assumption that the projected image size and position have been aligned to fit full in the screen.
- This illustration is not drawn to scale.
- The values are approximate.

SH	Projected image height
SW	Projected image width
SD	Projected image size
H	Distance from the lens center to the bottom edge of the projected image
L	Projection distance (distance from the front end of the projection lens to the screen)
	LW Minimum projection distance when the Zoom Lens is used
	LT Maximum projection distance when the Zoom Lens is used
L1	Lens protrusion dimension (distance from the front surface of the projector to the front end of the projection lens)

Unit : m

Projector model	Dimension for L1 (approximate value)
PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80	0.155
PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80	

Projection distance

A $\pm 5\%$ error in listed projection distances may occur.

When [SCREEN ADJUSTMENT] is used, distance is corrected to become smaller than the specified image size.

Screen aspect ratio 16:10

Unit: meters

Projector model				PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80 PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80		PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80 PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80
Throw ratio				0.550 - 0.690:1		
Projected image size				Projection distance (L)		Height position (H)
Diagonal (SD)		Height (SH)	Width (SW)	Min. (LW)	Max. (LT)	
m	inches					
1.778	70	0.942	1.508	0.82	1.03	0.00 - 0.94
2.032	80	1.077	1.723	0.94	1.18	0.00 - 1.08
2.286	90	1.212	1.939	1.06	1.33	0.00 - 1.21
2.540	100	1.346	2.154	1.18	1.49	0.00 - 1.35
3.048	120	1.615	2.585	1.43	1.79	0.00 - 1.62
3.810	150	2.019	3.231	1.79	2.25	0.00 - 2.02
5.080	200	2.692	4.308	2.40	3.01	0.00 - 2.69
6.350	250	3.365	5.385	3.01	3.77	0.00 - 3.37
7.620	300	4.039	6.462	3.62	4.53	0.00 - 4.04
8.890	350	4.712	7.539	4.22	5.29	0.00 - 4.71
10.160	400	5.385	8.616	4.83	6.06	0.00 - 5.39
12.700	500	6.731	10.770	6.05	7.58	0.00 - 6.73
15.240	600	8.077	12.923	7.26	9.10	0.00 - 8.08
17.780	700	9.423	15.077	8.48	10.63	0.00 - 9.42
20.320	800	10.770	17.231	9.70	12.15	0.00 - 10.77
22.860	900	12.116	19.385	10.91	13.67	0.00 - 12.12
25.400	1000	13.462	21.539	12.13	15.20	0.00 - 13.46

• The throw ratio is based on the value during projection with the projected image size of 2.54 m [100 in]

Screen aspect ratio 16:10

Unit: feet

Projector model				PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80 PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80		PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80 PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80
Throw ratio				0.550 - 0.690:1		
Projected image size				Projection distance (L)		
Diagonal (SD)		Height (SH)	Width (SW)	Min. (LW)	Max. (LT)	Height position (H)
m	inches					
1.778	70	3.09	4.95	2.69	3.38	0.00 - 3.08
2.032	80	3.53	5.65	3.08	3.87	0.00 - 3.54
2.286	90	3.98	6.36	3.48	4.36	0.00 - 3.97
2.540	100	4.42	7.07	3.87	4.89	0.00 - 4.43
3.048	120	5.30	8.48	4.69	5.87	0.00 - 5.32
3.810	150	6.62	10.60	5.87	7.38	0.00 - 6.63
5.080	200	8.83	14.13	7.87	9.88	0.00 - 8.83
6.350	250	11.04	17.67	9.88	12.37	0.00 - 11.06
7.620	300	13.25	21.20	11.88	14.86	0.00 - 13.26
8.890	350	15.46	24.73	13.85	17.36	0.00 - 15.45
10.160	400	17.67	28.27	15.85	19.88	0.00 - 17.68
12.700	500	22.08	35.34	19.85	24.87	0.00 - 22.08
15.240	600	26.50	42.40	23.82	29.86	0.00 - 26.51
17.780	700	30.92	49.47	27.82	34.88	0.00 - 30.91
20.320	800	35.34	56.53	31.82	39.86	0.00 - 35.34
22.860	900	39.75	63.60	35.79	44.85	0.00 - 39.76
25.400	1000	44.17	70.67	39.80	49.87	0.00 - 44.16

• The throw ratio is based on the value during projection with the projected image size of 2.54 m [100 in]

Screen aspect ratio 16:9

Unit: meters

Projector model				PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80 PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80		PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80 PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80
Throw ratio				0.550 - 0.690:1		
Projected image size				Projection distance (L)		Height position (H)
Diagonal (SD)		Height (SH)	Width (SW)	Min. (LW)	Max. (LT)	
m	inches					
1.778	70	0.872	1.550	0.84	1.06	-0.05 - 0.92
2.032	80	0.996	1.771	0.97	1.22	-0.06 - 1.05
2.286	90	1.121	1.992	1.09	1.37	-0.06 - 1.18
2.540	100	1.245	2.214	1.22	1.53	-0.07 - 1.31
3.048	120	1.494	2.657	1.47	1.84	-0.08 - 1.58
3.810	150	1.868	3.321	1.84	2.31	-0.10 - 1.97
5.080	200	2.491	4.428	2.47	3.09	-0.14 - 2.63
6.350	250	3.113	5.535	3.09	3.88	-0.17 - 3.29
7.620	300	3.736	6.641	3.72	4.66	-0.21 - 3.94
8.890	350	4.358	7.748	4.34	5.44	-0.24 - 4.60
10.160	400	4.981	8.855	4.97	6.23	-0.28 - 5.26
12.700	500	6.226	11.069	6.22	7.79	-0.35 - 6.57
15.240	600	7.472	13.283	7.47	9.36	-0.42 - 7.89
17.780	700	8.717	15.497	8.72	10.92	-0.48 - 9.20
20.320	800	9.962	17.710	9.97	12.49	-0.55 - 10.52
22.860	900	11.207	19.924	11.22	14.06	-0.62 - 11.83
25.400	1000	12.453	22.138	12.47	15.62	-0.69 - 13.14

- The throw ratio is based on the value during projection with the projected image size of 2.54 m [100 in]

Screen aspect ratio 16:9

Unit: feet

Projector model				PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80 PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80		PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80 PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80
Throw ratio				0.550 - 0.690:1		
Projected image size				Projection distance (L)		Height position (H)
Diagonal (SD)		Height (SH)	Width (SW)	Min. (LW)	Max. (LT)	
m	inches					
1.778	70	2.86	5.09	2.76	3.48	-0.16 - 3.02
2.032	80	3.27	5.81	3.18	4.00	-0.20 - 3.45
2.286	90	3.68	6.54	3.58	4.50	-0.20 - 3.87
2.540	100	4.09	7.26	4.00	5.02	-0.23 - 4.30
3.048	120	4.90	8.72	4.82	6.04	-0.26 - 5.18
3.810	150	6.13	10.90	6.04	7.58	-0.33 - 6.46
5.080	200	8.17	14.53	8.10	10.14	-0.46 - 8.63
6.350	250	10.21	18.16	10.14	12.73	-0.56 - 10.79
7.620	300	12.26	21.79	12.21	15.29	-0.69 - 12.93
8.890	350	14.30	25.42	14.24	17.85	-0.79 - 15.09
10.160	400	16.34	29.05	16.31	20.44	-0.92 - 17.26
12.700	500	20.43	36.32	20.41	25.56	-1.15 - 21.56
15.240	600	24.51	43.58	24.51	30.71	-1.38 - 25.89
17.780	700	28.60	50.84	28.61	35.83	-1.58 - 30.18
20.320	800	32.68	58.10	32.71	40.98	-1.80 - 34.51
22.860	900	36.77	65.37	36.81	46.13	-2.03 - 38.81
25.400	1000	40.86	72.63	40.91	51.25	-2.26 - 43.11

- The throw ratio is based on the value during projection with the projected image size of 2.54 m [100 in]

Screen aspect ratio 4:3

Unit: meters

Projector model				PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80 PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80		PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80 PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80
Throw ratio				0.660 - 0.830:1		
Projected image size				Projection distance (L)		Height position (H)
Diagonal (SD)		Height (SH)	Width (SW)	Min. (LW)	Max. (LT)	
m	inches					
1.778	70	1.067	1.422	0.93	1.17	0.00 - 1.07
2.032	80	1.219	1.626	1.07	1.34	0.00 - 1.22
2.286	90	1.372	1.829	1.21	1.51	0.00 - 1.37
2.540	100	1.524	2.032	1.34	1.69	0.00 - 1.52
3.048	120	1.829	2.438	1.62	2.03	0.00 - 1.83
3.810	150	2.286	3.048	2.03	2.55	0.00 - 2.29
5.080	200	3.048	4.064	2.72	3.41	0.00 - 3.05
6.350	250	3.810	5.080	3.41	4.27	0.00 - 3.81
7.620	300	4.572	6.096	4.10	5.14	0.00 - 4.57
8.890	350	5.334	7.112	4.79	6.00	0.00 - 5.33
10.160	400	6.096	8.128	5.47	6.86	0.00 - 6.10
12.700	500	7.620	10.160	6.85	8.59	0.00 - 7.62
15.240	600	9.144	12.192	8.23	10.31	0.00 - 9.14
17.780	700	10.668	14.224	9.60	12.04	0.00 - 10.67
20.320	800	12.192	16.256	10.98	13.76	0.00 - 12.19
22.860	900	13.716	18.288	12.36	15.49	0.00 - 13.72
25.400	1000	15.240	20.320	13.73	17.21	0.00 - 15.24

• The throw ratio is based on the value during projection with the projected image size of 2.54 m [100 in]

Screen aspect ratio 4:3

Unit: feet

Projector model				PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80 PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80		PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80 PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80
Throw ratio				0.660 - 0.830:1		
Projected image size				Projection distance (L)		Height position (H)
Diagonal (SD)		Height (SH)	Width (SW)	Min. (LW)	Max. (LT)	
m	inches					
1.778	70	3.50	4.67	3.05	3.84	0.00 - 3.51
2.032	80	4.00	5.34	3.51	4.40	0.00 - 4.00
2.286	90	4.50	6.00	3.97	4.95	0.00 - 4.50
2.540	100	5.00	6.67	4.40	5.55	0.00 - 4.99
3.048	120	6.00	8.00	5.32	6.66	0.00 - 6.00
3.810	150	7.50	10.00	6.66	8.37	0.00 - 7.51
5.080	200	10.00	13.33	8.92	11.19	0.00 - 10.01
6.350	250	12.50	16.67	11.19	14.01	0.00 - 12.50
7.620	300	15.00	20.00	13.45	16.86	0.00 - 14.99
8.890	350	17.50	23.33	15.72	19.69	0.00 - 17.49
10.160	400	20.00	26.67	17.95	22.51	0.00 - 20.01
12.700	500	25.00	33.33	22.47	28.18	0.00 - 25.00
15.240	600	30.00	40.00	27.00	33.83	0.00 - 29.99
17.780	700	35.00	46.67	31.50	39.50	0.00 - 35.01
20.320	800	40.00	53.33	36.02	45.14	0.00 - 39.99
22.860	900	45.00	60.00	40.55	50.82	0.00 - 45.01
25.400	1000	50.00	66.67	45.05	56.46	0.00 - 50.00

• The throw ratio is based on the value during projection with the projected image size of 2.54 m [100 in]

Screen aspect ratio 21:9

Unit: meters

Projector model				PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80 PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80		PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80 PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80
Throw ratio				0.551 - 0.691:1		
Projected image size				Projection distance (L)		Height position (H)
Diagonal (SD)		Height (SH)	Width (SW)	Min. (LW)	Max. (LT)	
m	inches					
1.778	70	0.691	1.638	0.89	1.12	-0.17 - 0.86
2.032	80	0.790	1.872	1.02	1.29	-0.19 - 0.98
2.286	90	0.889	2.106	1.16	1.45	-0.21 - 1.10
2.540	100	0.987	2.340	1.29	1.62	-0.24 - 1.23
3.048	120	1.185	2.808	1.55	1.95	-0.29 - 1.47
3.810	150	1.481	3.510	1.95	2.45	-0.36 - 1.84
5.080	200	1.975	4.681	2.61	3.27	-0.48 - 2.45
6.350	250	2.468	5.851	3.27	4.10	-0.59 - 3.06
7.620	300	2.962	7.021	3.93	4.93	-0.71 - 3.68
8.890	350	3.456	8.191	4.59	5.76	-0.83 - 4.29
10.160	400	3.949	9.361	5.25	6.58	-0.95 - 4.90
12.700	500	4.936	11.701	6.57	8.24	-1.19 - 6.13
15.240	600	5.924	14.042	7.89	9.89	-1.43 - 7.35
17.780	700	6.911	16.382	9.22	11.55	-1.66 - 8.58
20.320	800	7.898	18.722	10.54	13.21	-1.90 - 9.80
22.860	900	8.886	21.062	11.86	14.86	-2.14 - 11.03
25.400	1000	9.873	23.403	13.18	16.52	-2.38 - 12.25

- The throw ratio is based on the value during projection with the projected image size of 2.54 m [100 in]

Screen aspect ratio 21:9

Unit: feet

Projector model				PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80 PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80		PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80 PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80
Throw ratio				0.551 - 0.691:1		
Projected image size				Projection distance (L)		Height position (H)
Diagonal (SD)		Height (SH)	Width (SW)	Min. (LW)	Max. (LT)	
m	inches					
1.778	70	2.27	5.37	2.92	3.68	-0.56 - 2.82
2.032	80	2.59	6.14	3.35	4.23	-0.62 - 3.22
2.286	90	2.92	6.91	3.81	4.76	-0.69 - 3.61
2.540	100	3.24	7.68	4.23	5.32	-0.79 - 4.04
3.048	120	3.89	9.21	5.09	6.40	-0.95 - 4.82
3.810	150	4.86	11.52	6.40	8.04	-1.18 - 6.04
5.080	200	6.48	15.36	8.56	10.73	-1.58 - 8.04
6.350	250	8.10	19.20	10.73	13.45	-1.94 - 10.04
7.620	300	9.72	23.04	12.89	16.18	-2.33 - 12.07
8.890	350	11.34	26.87	15.06	18.90	-2.72 - 14.08
10.160	400	12.96	30.71	17.22	21.59	-3.12 - 16.08
12.700	500	16.19	38.39	21.56	27.03	-3.90 - 20.11
15.240	600	19.44	46.07	25.89	32.45	-4.69 - 24.11
17.780	700	22.67	53.75	30.25	37.89	-5.45 - 28.15
20.320	800	25.91	61.42	34.58	43.34	-6.23 - 32.15
22.860	900	29.15	69.10	38.91	48.75	-7.02 - 36.19
25.400	1000	32.39	76.78	43.24	54.20	-7.81 - 40.19

- The throw ratio is based on the value during projection with the projected image size of 2.54 m [100 in]

Calculation of the projection distance

To use a projected image size not listed in this manual, check the projected image size SD (m) and use the respective formula to calculate the value.

The unit of all the formulae is m. (Values obtained by the following calculation formulae contain a slight error.)

When calculating the value using image size designation (value in inches), multiply the value in inches by 0.0254 and substitute it into SD in the formula.

Screen aspect ratio 16:10

Unit: m

Projector model	Projection distance (L) formula	
	Min. (LW)	Max. (LT)
PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80	$=0.4787 \times \text{SD} - 0.0322$	$=0.5998 \times \text{SD} - 0.0376$
PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80		

Screen aspect ratio 16:9

Unit: m

Projector model	Projection distance (L) formula	
	Min. (LW)	Max. (LT)
PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80	$=0.4920 \times \text{SD} - 0.0322$	$=0.6165 \times \text{SD} - 0.0376$
PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80		

Screen aspect ratio 4:3

Unit: m

Projector model	Projection distance (L) formula	
	Min. (LW)	Max. (LT)
PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80	$=0.5420 \times \text{SD} - 0.0322$	$=0.6791 \times \text{SD} - 0.0376$
PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80		

Screen aspect ratio 21:9

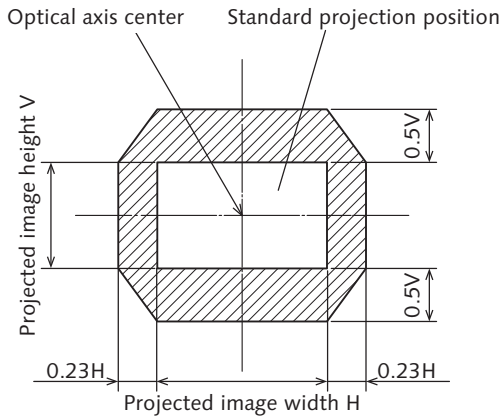
Unit: m

Projector model	Projection distance (L) formula	
	Min. (LW)	Max. (LT)
PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80	$=0.5202 \times \text{SD} - 0.0322$	$=0.6517 \times \text{SD} - 0.0376$
PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80		

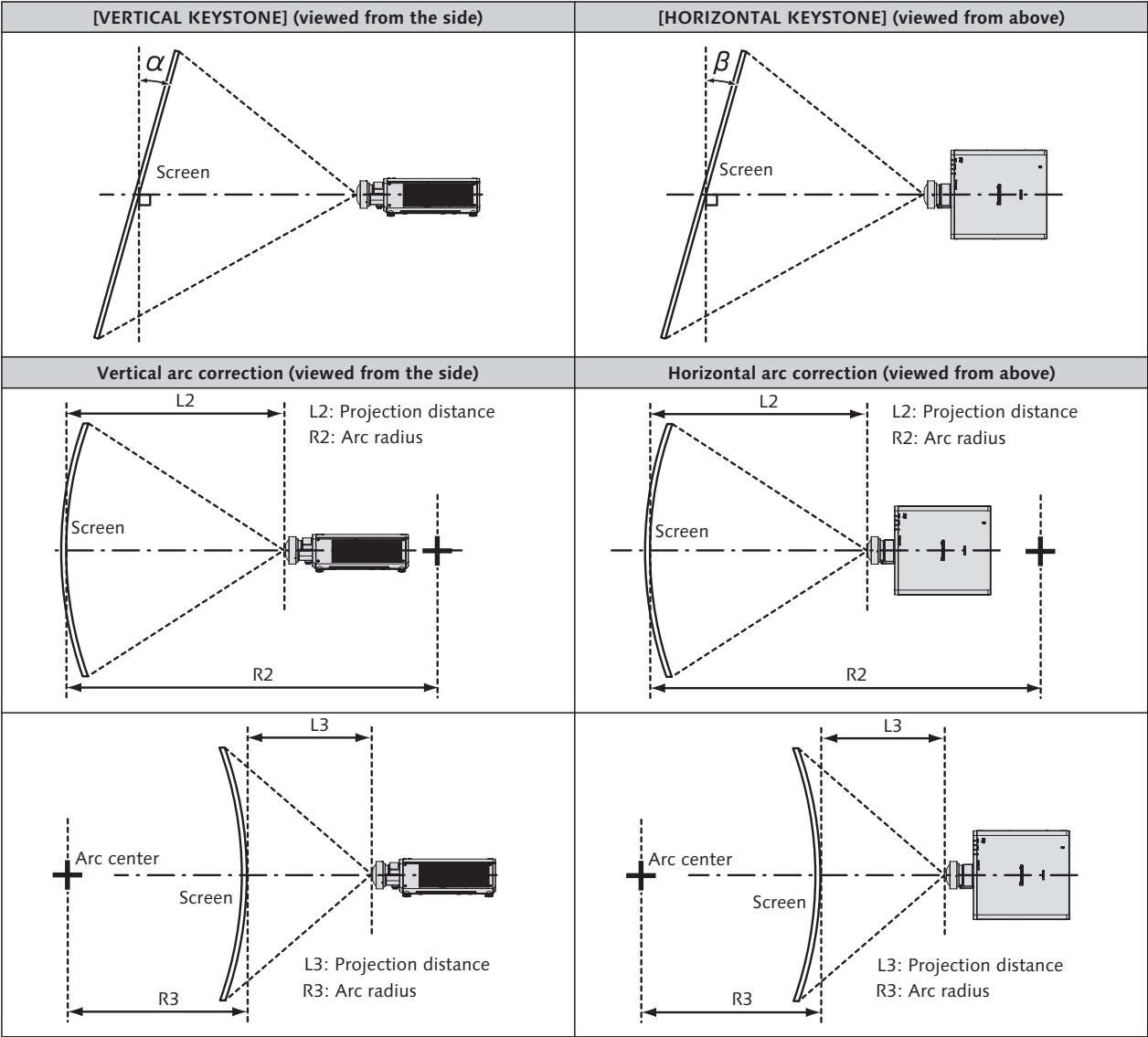
Adjustment range by the lens position shift (optical shift)

Based on the standard projection position using the optical axis shift function, the projection position can be adjusted in the range shown in the following figure.

Following figure shows the adjustment range when the projector is installed on the floor.

Projector model	PT-REQ15/PT-REQ12/PT-REQ10/PT-REQ80/PT-REZ15/PT-REZ12/PT-REZ10/PT-REZ80 is mounted.
Lens shift range	 The diagram illustrates the lens shift range for the projector. It shows a projected image with a width H and height V. The optical axis center is marked, and the standard projection position is indicated. The adjustment range is shown as a shaded area around the standard position, with dimensions $0.23H$ and $0.5V$.

[GEOMETRY] projection range



Projector model	Only [KEYSTONE] used		[KEYSTONE] and [CURVED CORRECTION] used together				Only [CURVED CORRECTION] used	
	Vertical keystone correction angle α (°)	Horizontal keystone correction angle β (°)	Vertical keystone correction angle α (°)	Horizontal keystone correction angle β (°)	Min. value of R2/L2	Min. value of R3/L3	Min. value of R2/L2	Min. value of R3/L3
PT-REQ15 PT-REQ12 PT-REQ10 PT-REQ80	±10	±5	-	-	-	-	-	-
PT-REZ15 PT-REZ12 PT-REZ10 PT-REZ80								