1-Chip DLP™ Projector

PT-REQ12B/REQ12LB/REQ12W/REQ12LW

Specifications

Main unit

Power supply			AC 100V-240V, 50Hz/60Hz
Power consumption[1]	Maximum power consumption		1,030 W (10.4A-4.3A) (1,040VA) (The power consumption is 990 W at 200-240V)[2]
	On-mode power consumption (Operating mode)	[Normal]	880 W (100-120V), 840 W (200-240V)
		[Eco]	680 W (100-120V), 655 W (200-240V)
		[QUIET]	670 W (100-120V), 645 W (200-240V)
			* Operating Temperature: 25 °C (77 °F), Altitude: 700 m (2,297 ft), HDMI™ input All White (1920x1200@60) no other input, Picture mode: Dynamic, Dynamic Contrast [OFF]
	Standby mode power consumption	[Normal]	12 W
		[Eco]	0.5 W
BTU value			Max 3,515 BTU
DLP™ chip	Size		[0.8 in] diagonal (16:10 aspect ratio)
	Display system		DLP™ chip x 1
	Number of pixels		2,304,000 pixels (1920 x 1200 dots)
Refresh rate			240 Hz Refresh rate varies depending on scanning frequency.
Light source			Laser diode
Light output[1]	Operation mode	[Normal]	12,000 lm/12,400 lm (Center)[3]
		[Eco]	9,600 lm
		[QUIET]	9,600 lm
Time until light output declines to 50%[4]	Operation mode	[Normal]	20,000 hours
		[Eco]	24,000 hours
		[QUIET]	20,000 hours
Resolution			4K (3840 x 2400 dots) (Quad Pixel Drive: ON)
Contrast ratio[1]			25,000:1 (All White/All Black, Dynamic Contrast [3])
Screen size (diagonal)			[70-1000 in] with standard lens (C1S600)
Center to corner zone ratio[1]			90%
Lens	PT-REQ12B/REQ12W		Powered zoom/focus lenses (TR:1.36-2.10:1), F-number (1.84-2.31)
	PT-REQ12LB/REQ12LW		Optional powered zoom (excluding ET-C1U090, ET-C1U200) / powered focus lenses
Lens shift (From the origin point of the lens mounter)		Drive system	Powered
		Vertical (Max.)	±60% (with ET-C1W400, ET-C1W500, ET-C1S600, ET-C1T700, ET-C1T800, ET-C1T900) ±50% (with ET-C1U090, ET-C1U100, ET-C1W300) +78-+88% (with ET-C1U200)
		Horizontal (Max.)	±29% (with ET-C1W400, ET-C1W500, ET-C1S600, ET-C1T700, ET-C1T800, ET-C1T900) ±23% (with ET-C1U090, ET-C1U100, ET-C1W300) ±9% (with ET-C1U200)
Installation			Ceiling/floor, front/rear, free 360-degree installation
Compatible Signal	HDMI™ signal input		Moving image signal resolution: 480/60p, 576/50p to 4096 x 2160/60p Still image signal resolution: 640 x 480 to 3840 x 2400 (non-interlace) Dot clock frequency: 25 MHz to 594 MHz
	DisplayPort signal input		Moving image signal resolution: 720/60p to 4096 x 2160/60p Still image signal resolution: 640 x 480 to 3840 x 2400 (non-interlace) Dot clock frequency: 25 MHz to 594 MHz
	DIGITAL LINK[5] signal input		Moving image signal resolution: 480/60p, 576/50p to 4096 x 2160/60p Still image signal resolution: 640 x 480 to 3840 x 2400 (non-interlace) Dot clock frequency: 25 MHz to 297 MHz
	SDI[6] signal input		HD-SDI signal 3G-SDI signal 12G-SDI signal
Terminals	<HDMI™ 1 IN> <HDMI™ 2 IN>		HDMI™ x 2 Deep Color, compatible with HDCP2.3, 4K/60p signal[7]
	<DisplayPort IN>		DisplayPort x 1 Deep Color, compatible with HDCP 2.3, 4K/60p signal[7]
	<MULTI SYNC IN>		BNC x 1 TTL high impedance
	<MULTI SYNC OUT>		BNC x 1 TTL output: Maximum 10 mA
	<SERIAL IN>		D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
	<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
	<REMOTE 1 OUT>		M3 stereo mini-jack x 1 for link control (for wired remote control)
	<REMOTE 2 IN>		D-sub 9-pin (female) x 1 for external control (parallel)
	<LAN>		RJ-45 x 1 for network connection, PJLink™ (class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible
	<USB>		USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module/USB memory stick
	<DC OUT>		USB connector (Type A) x 1 for power supply, DC 5 V, total of 2 A
	<SLOT>		SLOT x 1 Open slot, for function boards, Intel® SDM compatible
Supported Internet Protocol version			IPv4, IPv6[8]
Power cord length			3.0 m [118 1/8 in]
Cabinet materials			Molded plastic
Dimension	Width		498 mm [19 5/8 in] (excluding protrusions)
	Height		212 mm [8 3/8 in] (with the feet at shortest position)
			196 mm [7 11/16 in] (excluding feet)
	Depth	PT-REQ12B/REQ12W	648 mm [25 1/2 in] (excluding protrusions, including standard zoom lens)
		PT-REQ12LB/REQ12LW	538 mm [21-3/16 in] (excluding protrusions)
Weight[9]	PT-REQ12B/REQ12W		Approx. 28.7 kg (63.3 lbs.) (including standard zoom lens)
	PT-REQ12LB/REQ12LW		Approx. 27.0 kg (59.5 lbs.) (excluding the optional lens)
Operating noise[1]		[Normal]	38 dB
		[Eco]	38 dB
		[QUIET]	35 dB
Laser Classification	Laser Class		Class 1 (IEC/EN 60825-1:2014) China: Class 3R (IEC60825-1:2007)
	Risk Group		Risk Group 2 (IEC 62471-5:2015): ET-C1U090, ET-C1U100, ET-C1U200, ET-C1W300, ET-C1W400, ET-C1W500, ET-C1S600
			Risk Group 3 (IEC 62471-5:2015): ET-C1T700, ET-C1T800, ET-C1T900
Operating environment	Operating temperature		0-45 °C (32-113 °F)[10]
	Operating humidity		10-80% (no condensation)
IP rating (dust protection) [11]			IP5X (only the optical engine and light source module)

Remote control unit

Power supply		3V DC (AAA/R03/LR03 battery x 2)
Operation range		Approx. 30 m [98 ft 5 in] (when operated directly in front of signal receiver)
Dimensions	Width	48 mm [1 7/8 in]
	Height	145 mm [5 23/32 in]
	Depth	27 mm [1 1/16 in]
Weight		Approx. 102 g (3.60 ozs.) including batteries

Supplied accessories

Power cord (x 1) (x 2 for Europe / ASIA models)
Wireless/wired remote control unit (x 1)
Batteries for remote control (AAA/R03 or AAA/LR03 battery x 2)
SLOT adapter (x 1)

Other Applications

Logo Transfer Software (for Windows)
Visual Software Suite (for Windows)
Smart Projector Control (for iOS/Android™)
Projector Network Setup Software (for Windows)

Supported services of Control via LAN

Art-net
PJLink™ (class 2)
Crestron Connected™ V2
Crestron XiO Cloud™
AMX Device Discovery

Optional accessories

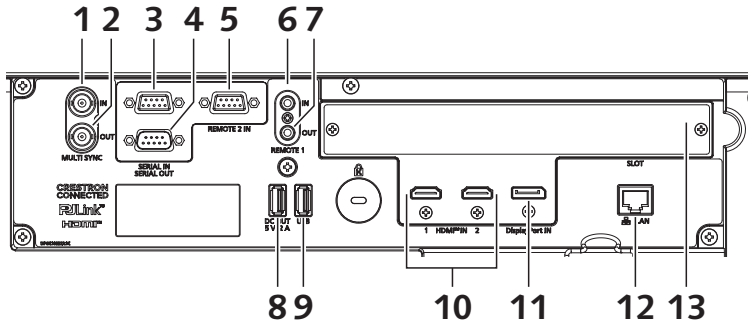
Lens	Fixed Focal Length Lens	ET-C1U090 (0.308:1) *Available from CY2026 Q4
		ET-C1U200 (0.380:1)
	Zoom lens	ET-C1U100 (0.308-0.330:1)
		ET-C1W300 (0.550-0.690:1)
		ET-C1W400 (0.680-0.950:1)
		ET-C1W500 (0.940-1.39:1)
		ET-C1S600 (1.36-2.10:1) Note: This product is equivalent to the lens attached to the projector model with standard zoom lens.
		ET-C1T700 (2.07-3.38:1)
		ET-C1T800 (3.30-6.60:1)
		ET-C1T900 (6.50-11.10:1)
Ceiling Mount Bracket	with 6-axis adjustment for high ceilings	ET-PKD130H
	for high ceilings	ET-PKD120H
	for low ceilings	ET-PKD120S
Attachment for Ceiling Mount Bracket		ET-PKD130B
Function Board	12G-SDI Terminal Board	TY-SB01QS
	12G-SDI Optical Function Board	TY-SB01FB
	DIGITAL LINK Terminal Board	TY-SB01DL
DIGITAL LINK Switcher		ET-YFB200G
Digital Interface Box		ET-YFB100G
Wireless module		AJ-WM50 Series Note: Product availability may vary by country or region.The suffix at the end of the model number is omitted.Operating Temperature: 0–40 °C (32–104 °F).
NFC Upgrade Kit		ET-NUK10 Note: Product availability may vary by country or region.
Wireless Presentation System PressIT		TY-WPS2 (Basic set) / TY-WPSC2 (Basic set)
Media Processors	Box-type	ET-FMP50/ET-FMP20
	Function board-type	ET-SBFMP10 *Compatible with Intel® SDM standard SLOT.

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

1 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118:2020 international standards.
2 This value has included a maximum power consumption of 80W when using the function board.
3 Average light output value of all shipped products measured at center of screen in [NORMAL] Mode.
4 Around this time, light output will have decreased by approximately 50%. IEC62087: 2008 Broadcast contents, Dynamic Contrast [3], under conditions with 35°C (95°F), 700m (2297ft) above sea level, and 0.15mg/m³ of particulate matter. Estimated time until light output declines to 50% varies depending on environment.
5 Requires TY-SB01DL Interface Board for DIGITAL LINK.
6 Requires TY-SB01QS or TY-SB01FB Interface Board for 12G-SDI Input.
7 4K/60p signals are converted to the projector's resolution upon projection.
8 Optional wireless module AJ-WM50 only supports IPv4.
9 Average value. May differ depending on the actual unit.
10 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 1400m (4593ft) and 4200m (13780ft) above sea level. Note that altitude of 4200m (13780ft) above sea level is the maximum height that the performance of this projector is guaranteed. When using the projector at an altitude lower than 2700m (8858ft) above sea level, and the operating environment temperature becomes 30°C (86°F) or higher, the light output may be reduced to protect the projector.
When using the projector at an altitude between 2700m (8858ft) and 4200m (13780ft), and the operating environment temperature becomes 25°C (77°F) or higher, the light output may be reduced to protect the projector.
11 The measurement method and measurement conditions are based on IEC standard 60529 IP5X (dustproof type). The dustproof performance of this unit is not guaranteed to be free from damage or failure under all conditions (environment with conductive dust, etc.).

1-Chip DLP™ Projector **PT-REQ12B/REQ12LB/REQ12W/REQ12LW**

Terminals

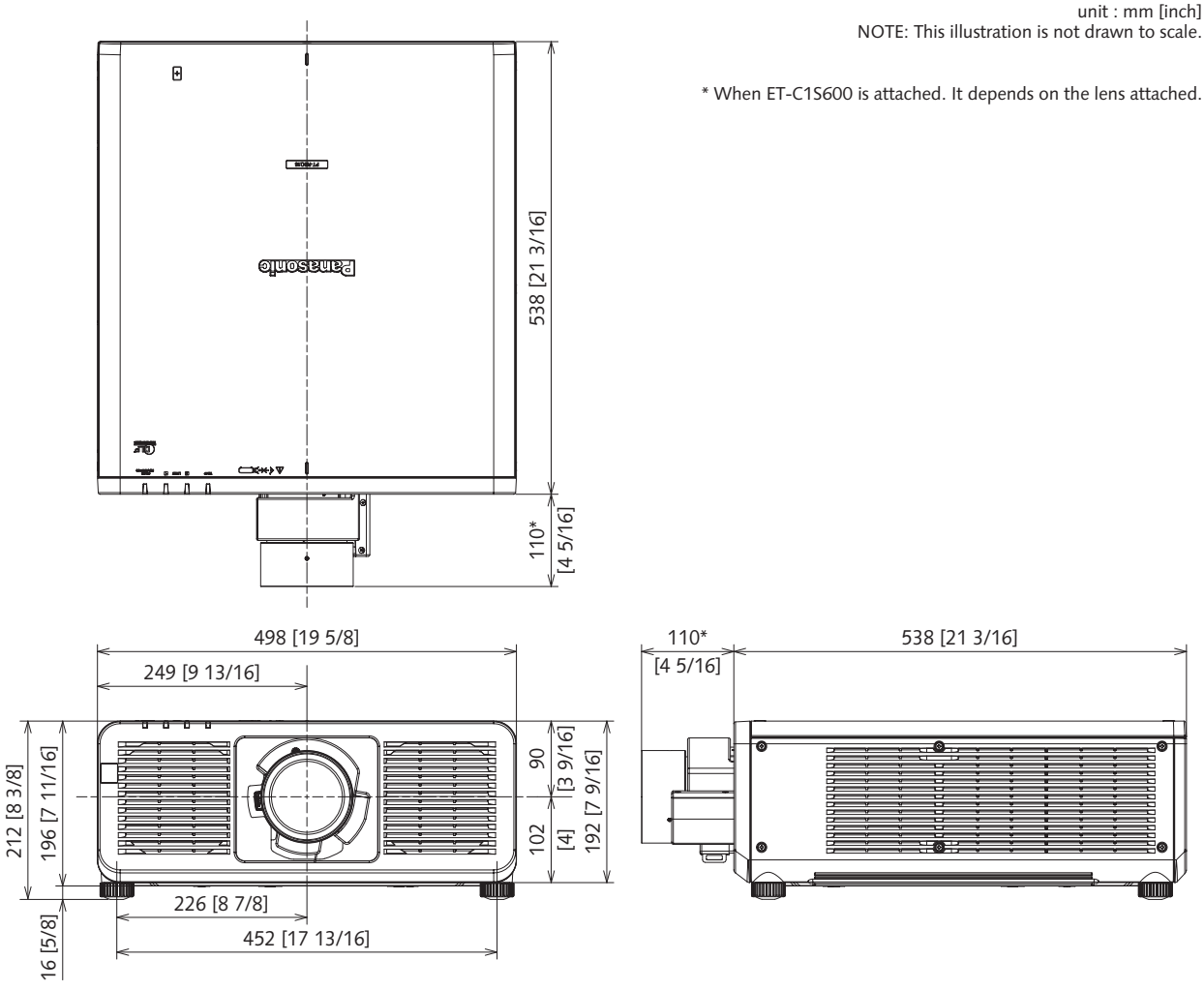


1	MULTI SYNC IN	8	DC OUT
2	MULTI SYNC OUT	9	USB
3	SERIAL IN	10	HDMI™ 1 IN / HDMI™ 2 IN
4	SERIAL OUT	11	DisplayPort IN
5	REMOTE 2 IN	12	LAN
6	REMOTE 1 IN	13	SLOT
7	REMOTE 1 OUT		

Dimensions

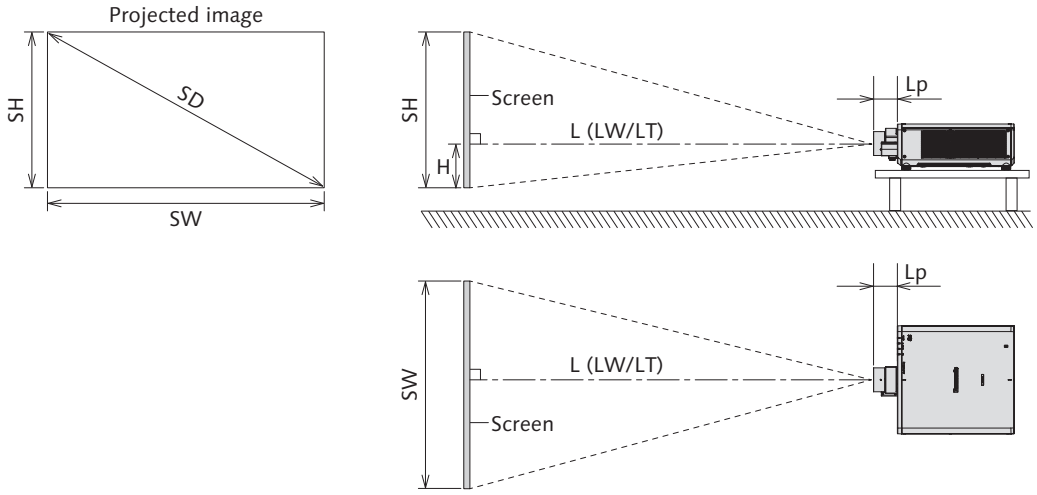
unit : mm [inch]
NOTE: This illustration is not drawn to scale.

* When ET-C1S600 is attached. It depends on the lens attached.



Projection relationship diagram

Install the projector referring to the projected image size, projection distance, etc. Image size and image position can be adjusted in accordance with the screen size and screen position. When the Fixed Focal Length Lens (Model No.: ET-C1U090, ET-C1U200) is used, the projection relation between the screen and the projector differs from that of other lenses.



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.

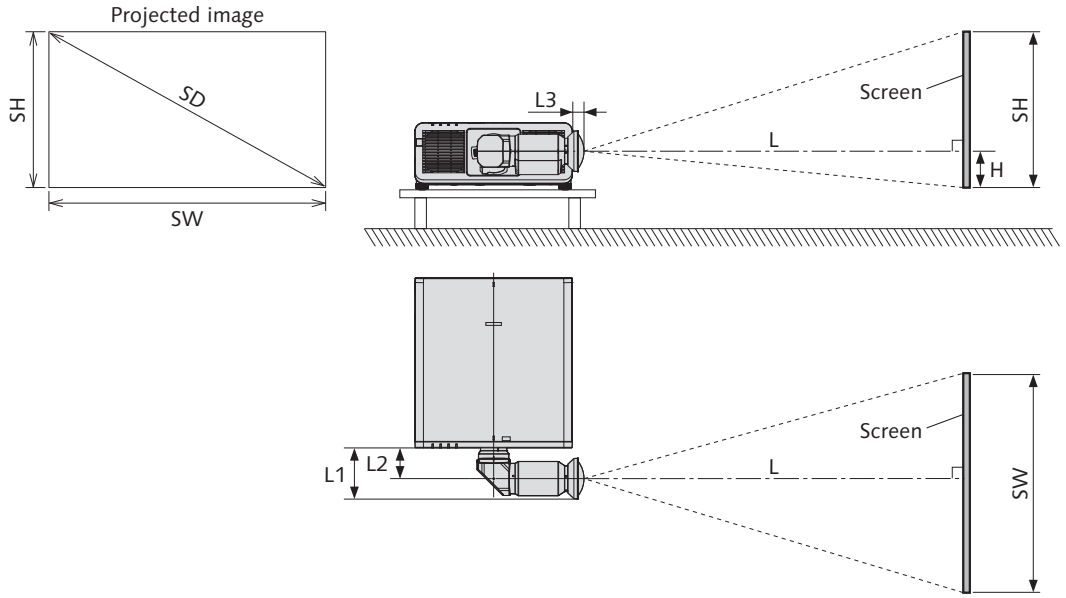
SH		Projected image height
SW		Projected image width
SD		Projected image size
H		Distance from the lens center to the bottom edge of the projected image
L		Projection distance (distance from the front end of the projection lens to the screen)
	LW	Minimum projection distance when the Zoom Lens is used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

unit : m

Projection lens Model No.	Lens protrusion dimension (Lp) (approximate value)
ET-C1U100	0.384
ET-C1W300	0.155
ET-C1W400	0.149
ET-C1W500	0.144
ET-C1S600	0.110
ET-C1T700	0.160
ET-C1T800	0.160
ET-C1T900	0.165

Projection relationship diagram (ET-C1U090)

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



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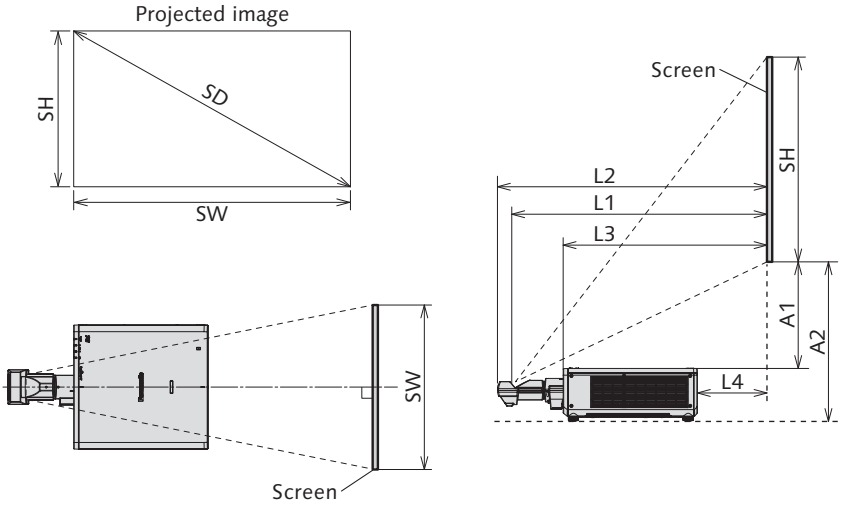
L	Projection distance
L1	Lens protrusion dimension (Distance from front of projector to edge of lens)
L2	Lens protrusion dimension (Distance from front of projector to center of lens)
L3	Lens protrusion dimension (Distance from side of projector to center of lens)
SH	Projected image height
SW	Projected image width
SD	Projected image size
H	Distance from the lens center to the bottom edge of the projected image

Unit : m

Projector model	Lens protrusion dimension (approximate value)		
	L1	L2	L3
ET-C1U090	0.162	0.097	0.037

Projection relationship diagram (ET-C1U200)

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



Note

- This diagram assumes that the size and position of the projected image will be adjusted so that the image lls the entire screen.
- This illustration is not drawn to scale.

SH	Projected image height
SW	Projected image width
SD	Projected image size
L1	Projection distance (from the screen to the mirror reflection surface[1])
L2	Distance from the front end of the projection lens to the screen
L3	Distance between the projecter and the screen (from the screen to the front surface of the projecter)
L4	Distance between the projecter and the screen (from the screen to the rear surface of the projecter)
A1	Distance between the projecter and the screen (from the screen bottom edge to the projecter top)
A2	Distance between the projecter and the screen (from the screen bottom edge to the projecter bottom)

1 The mirror reflection surface cannot be seen from the outside, because it is located inside the Fixed Focal Length Lens.

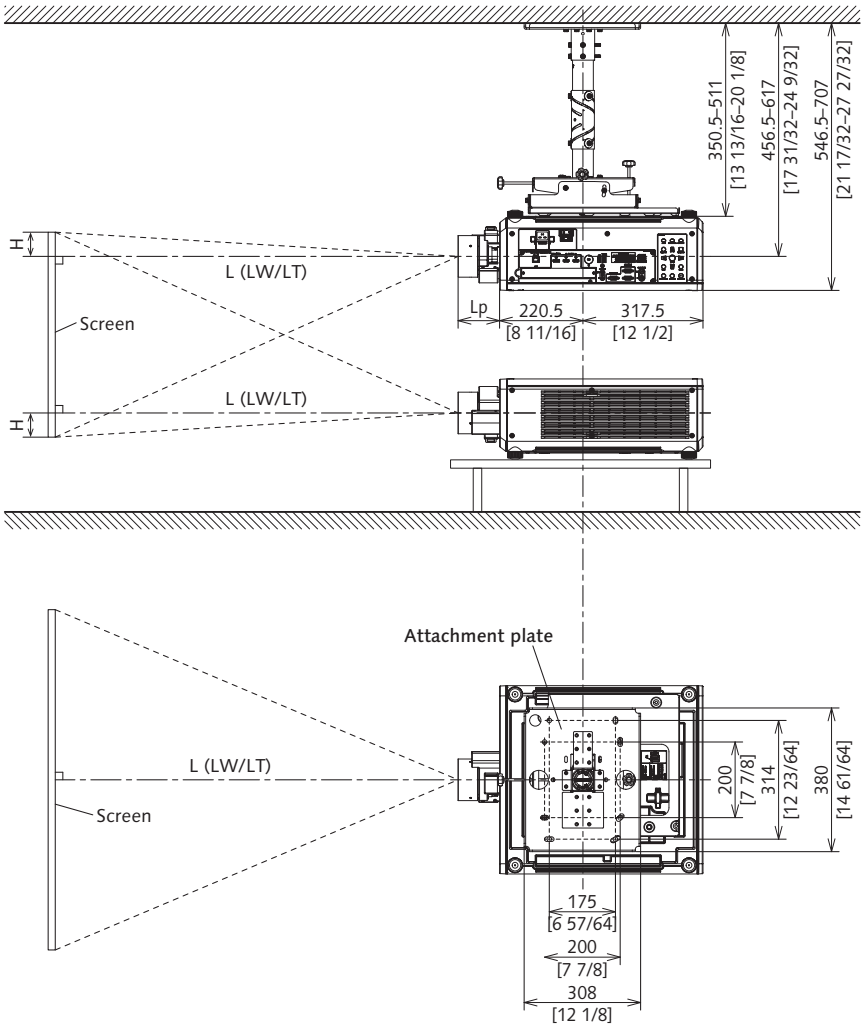
unit : m

Distance from the projector to the screen		Formula	
		Min.	Max.
L2		= L1 + 0.0156	
L3		= L1 - 0.2477	
L4		= L1 - 0.7857	
A1	Screen aspect ratio 16:10	=SH x 0.28 - 0.09	=SH x 0.38 - 0.09
	Screen aspect ratio 16:9	=SH x 0.37 - 0.09	=SH x 0.48 - 0.09
	Screen aspect ratio 4:3	=SH x 0.28 - 0.09	=SH x 0.38 - 0.09
	Screen aspect ratio 21:9	=SH x 0.66 - 0.09	=SH x 0.80 - 0.09
A2	Screen aspect ratio 16:10	=SH x 0.28 + 0.122	=SH x 0.38 + 0.122
	Screen aspect ratio 16:9	=SH x 0.37 + 0.122	=SH x 0.48 + 0.122
	Screen aspect ratio 4:3	=SH x 0.28 + 0.122	=SH x 0.38 + 0.122
	Screen aspect ratio 21:9	=SH x 0.66 + 0.122	=SH x 0.80 + 0.122

Standard setting position

Illustrations show the projector installed using optional ceiling mountbracket ET-PKD130H, optional bracket assembly ET-PKD130B (For lenses excluding ET-C1U090 and ET-C1U200).

unit : mm [inch]



Caution

- Alll construction work should be done by a qualified technician.
- When mounting to the ceiling, use the special mounting bracket.
  Furthermore, in order to prevent it from falling down from the ceiling, use the supplied wire on the mounting bracket.

Note

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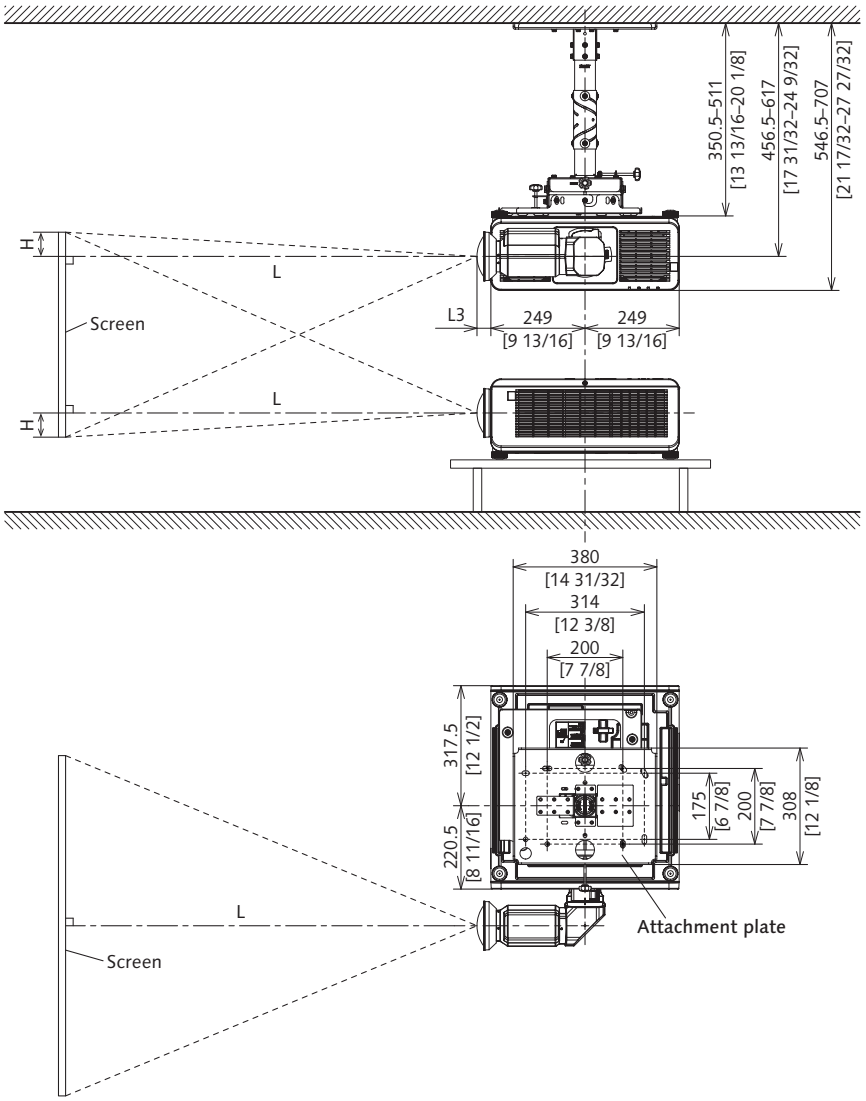
1-Chip DLP™ Projector **PT-REQ12B/REQ12LB/REQ12W/REQ12LW**

Illustrations show the projector installed using optional ceiling mountbracket ET-PKD130H, optional bracket assembly ET-PKD130B. (for ET-C1U090)

unit : mm [inch]



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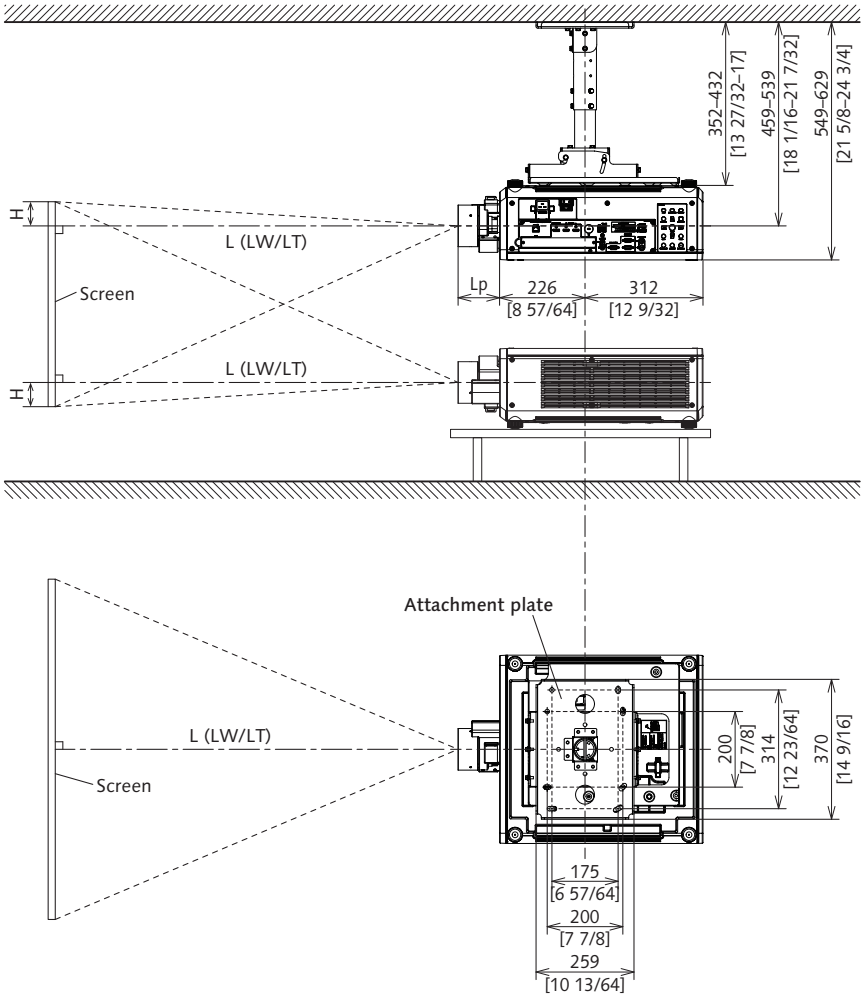
1-Chip DLP™ Projector

PT-REQ12B/REQ12LB/REQ12W/REQ12LW

Illustrations show the projector installed using optional ceiling mountbracket ET-PKD120H, optional bracket assembly ET-PKD130B (For lenses excluding ET-C1U090 and ET-C1U200).

unit : mm [inch]



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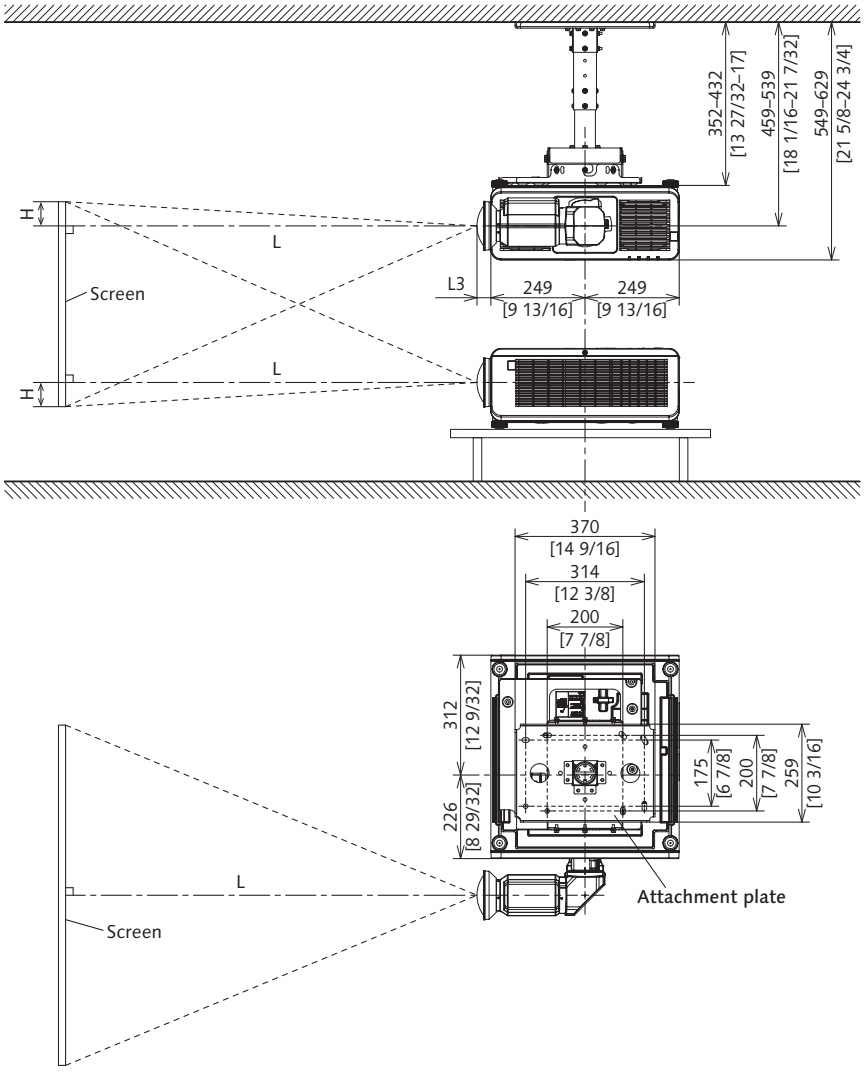
1-Chip DLP™ Projector

PT-REQ12B/REQ12LB/REQ12W/REQ12LW

Illustrations show the projector installed using optional ceiling mountbracket ET-PKD120H, optional bracket assembly ET-PKD130B. (for ET-C1U090)

unit : mm [inch]



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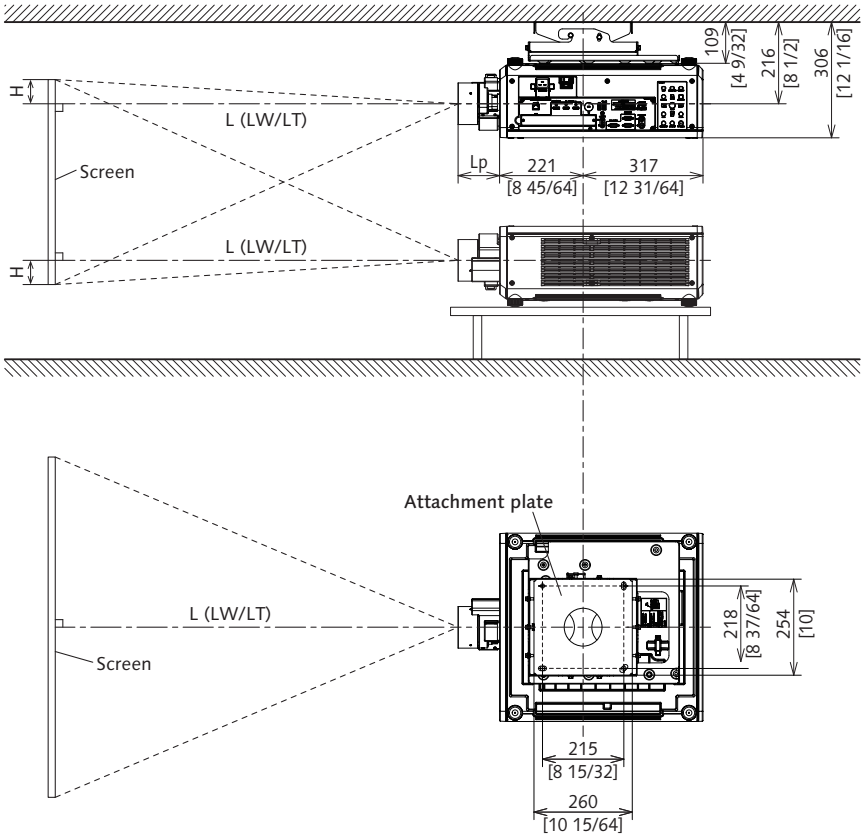
1-Chip DLP™ Projector

PT-REQ12B/REQ12LB/REQ12W/REQ12LW

Illustrations show the projector installed using optional ceiling mountbracket ET-PKD120S, optional bracket assembly ET-PKD130B (For lenses excluding ET-C1U090 and ET-C1U200).

unit : mm [inch]



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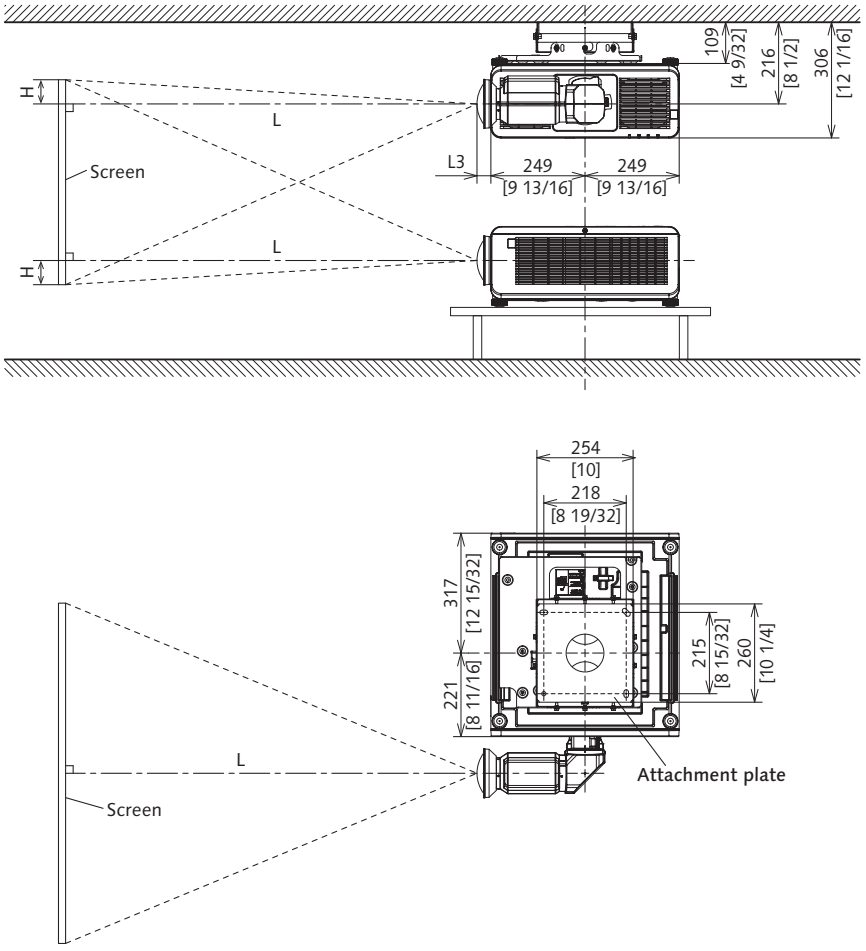
Illustrations show the projector installed using optional ceiling mountbracket ET-PKD120S, optional bracket assembly ET-PKD130B. (for ET-C1U090)

unit : mm [inch]



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Projection distance

A ±5% error in listed projection distances may occur.

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

Screen aspect ratio 16:10 Unit: meters

Lens type				Fixed Focal Length Lens				Zoom lens							
Projection lens Model No.				ET-C1U090	ET-C1U200			ET-C1U100[2]		ET-C1W300		ET-C1W400		ET-C1W500	
Throw ratio[1]				0.308:1	0.380:1			0.308 - 0.330:1		0.550 - 0.690:1		0.680 - 0.950:1		0.940 - 1.39:1	
Diagonal (SD)		Height (SH)	Width (SW)	Projection distance (L)	Projection distance (L1)	From rear of set to screen (L4)	From top of set to bottom edge of screen (A1)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)
m	inches														
1.778	70	0.942	1.508	-	-	-	-	-	-	0.82	1.03	1.01	1.42	1.41	2.08
2.032	80	1.077	1.723	-	-	-	-	-	-	0.94	1.18	1.16	1.63	1.61	2.39
2.286	90	1.212	1.939	-	-	-	-	-	-	1.06	1.33	1.31	1.84	1.82	2.69
2.540	100	1.346	2.154	0.65	0.82	0.04	0.29 - 0.42	0.65	0.70	1.18	1.49	1.46	2.05	2.03	2.99
3.048	120	1.615	2.585	0.79	0.99	0.20	0.36 - 0.52	0.79	0.85	1.43	1.79	1.76	2.46	2.44	3.60
3.810	150	2.019	3.231	0.99	1.23	0.44	0.48 - 0.68	0.99	1.07	1.79	2.25	2.21	3.09	3.06	4.51
5.080	200	2.692	4.308	1.34	1.63	0.84	0.66 - 0.93	1.34	1.44	2.40	3.01	2.96	4.13	4.09	6.03
6.350	250	3.365	5.385	1.68	2.03	1.24	0.85 - 1.19	1.68	1.80	3.01	3.77	3.71	5.18	5.12	7.55
7.620	300	4.039	6.462	2.02	2.43	1.65	1.04 - 1.44	2.02	2.17	3.62	4.53	4.46	6.22	6.15	9.07
8.890	350	4.712	7.539	2.37	2.83	2.05	1.23 - 1.70	2.37	2.54	4.22	5.29	5.22	7.26	7.18	10.59
10.160	400	5.385	8.616	2.71	3.24	2.45	1.42 - 1.96	2.71	2.91	4.83	6.06	5.97	8.30	8.21	12.10
12.700	500	6.731	10.770	3.39	4.04	3.25	1.79 - 2.47	3.39	3.64	6.05	7.58	7.47	10.39	10.27	15.14
15.240	600	8.077	12.923	4.08	-	-	-	4.08	4.38	7.26	9.10	8.97	12.48	12.33	18.18
17.780	700	9.423	15.077	4.77	-	-	-	4.77	5.11	8.48	10.63	10.47	14.56	14.39	21.22
20.320	800	10.770	17.231	5.45	-	-	-	5.45	5.85	9.70	12.15	11.97	16.65	16.45	24.25
22.860	900	12.116	19.385	6.14	-	-	-	6.14	6.58	10.91	13.67	13.48	18.73	18.51	27.29
25.400	1000	13.462	21.539	6.82	-	-	-	6.82	7.32	12.13	15.20	14.98	20.82	20.57	30.33

Lens type				Zoom lens										
Projection lens Model No.				Standard zoom lens/ ET-C1S600		ET-C1T700		ET-C1T800		ET-C1T900		ET-C1W400 ET-C1W500 ET-C1S600 ET-C1T700 ET-C1T800 ET-C1T900	ET-C1W300	ET-C1U090 ET-C1U100
Throw ratio[1]				1.36 - 2.10:1		2.07 - 3.38:1		3.30 - 6.60:1		6.50 - 11.10:1				
Diagonal (SD)		Height (SH)	Width (SW)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Height position (H)		
m	inches													
1.778	70	0.942	1.508	2.03	3.15	3.09	5.07	4.87	9.56	9.87	16.86	-0.09 - 1.04	0.00 - 0.94	-
2.032	80	1.077	1.723	2.33	3.61	3.55	5.81	5.62	11.12	11.24	19.22	-0.11 - 1.19	0.00 - 1.08	-
2.286	90	1.212	1.939	2.63	4.06	4.00	6.54	6.36	12.67	12.61	21.59	-0.12 - 1.33	0.00 - 1.21	-
2.540	100	1.346	2.154	2.93	4.52	4.46	7.28	7.11	14.23	13.98	23.96	-0.14 - 1.48	0.00 - 1.35	0.00 - 1.35
3.048	120	1.615	2.585	3.53	5.44	5.37	8.75	8.60	17.34	16.71	28.69	-0.16 - 1.78	0.00 - 1.62	0.00 - 1.62
3.810	150	2.019	3.231	4.43	6.82	6.73	10.96	10.84	22.00	20.82	35.79	-0.20 - 2.22	0.00 - 2.02	0.00 - 2.02
5.080	200	2.692	4.308	5.93	9.11	9.01	14.64	14.57	29.78	27.66	47.62	-0.27 - 2.96	0.00 - 2.69	0.00 - 2.69
6.350	250	3.365	5.385	7.43	11.40	11.28	18.32	18.30	37.55	34.50	59.46	-0.34 - 3.70	0.00 - 3.37	0.00 - 3.37
7.620	300	4.039	6.462	8.92	13.70	13.56	22.00	22.03	45.33	41.34	71.29	-0.40 - 4.44	0.00 - 4.04	0.00 - 4.04
8.890	350	4.712	7.539	10.42	15.99	15.83	25.68	25.76	53.11	48.18	83.12	-0.47 - 5.18	0.00 - 4.71	0.00 - 4.71
10.160	400	5.385	8.616	11.92	18.28	18.11	29.37	29.49	60.88	55.02	94.96	-0.54 - 5.92	0.00 - 5.39	0.00 - 5.39
12.700	500	6.731	10.770	14.92	22.87	22.66	36.73	36.95	76.43	68.71	118.62	-0.67 - 7.40	0.00 - 6.73	0.00 - 6.73
15.240	600	8.077	12.923	17.92	27.46	27.21	44.09	44.41	91.98	82.39	142.29	-0.81 - 8.89	0.00 - 8.08	0.00 - 8.08
17.780	700	9.423	15.077	20.91	32.04	31.76	51.45	51.87	107.54	96.07	165.96	-0.94 - 10.37	0.00 - 9.42	0.00 - 9.42
20.320	800	10.770	17.231	23.91	36.63	36.31	58.81	59.33	123.09	109.75	189.63	-1.08 - 11.85	0.00 - 10.77	0.00 - 10.77
22.860	900	12.116	19.385	26.91	41.22	40.86	66.18	66.79	138.64	123.44	213.29	-1.21 - 13.33	0.00 - 12.12	0.00 - 12.12
25.400	1000	13.462	21.539	29.90	45.80	45.41	73.54	74.25	154.19	137.12	236.96	-1.35 - 14.81	0.00 - 13.46	0.00 - 13.46

1 The throw ratio is based on the value during projection with the projected image size of 2.540 m [100 in].
However, the throw ratio for ET-C1U090/ET-C1U100/ET-C1U200 is based on the value during projection with the projected image size of 3.810 m [150 in].

2 For ET-C1U090/ET-C1U100, fine text and images may not be displayed clearly during projection with the projected image size over 15.240 m [600 in].

1-Chip DLP™ Projector

PT-REQ12B/REQ12LB/REQ12W/REQ12LW

Screen aspect ratio 16:10 Unit: feet

Lens type				Fixed Focal Length Lens				Zoom lens							
Projection lens Model No.				ET-C1U090	ET-C1U200			ET-C1U100[2]		ET-C1W300		ET-C1W400		ET-C1W500	
Throw ratio[1]				0.308:1	0.380:1			0.308 - 0.330:1		0.550 - 0.690:1		0.680 - 0.950:1		0.940 - 1.39:1	
Diagonal (SD)		Height (SH)	Width (SW)	Projection distance (L)	Projection distance (L1)	From rear of set to screen (L4)	From top of set to bottom edge of screen (A1)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)
m	inches														
1.778	70	3.092	4.947	-	-	-	-	-	-	2.69	3.38	3.31	4.66	4.62	6.83
2.032	80	3.533	5.653	-	-	-	-	-	-	3.09	3.88	3.81	5.35	5.30	7.83
2.286	90	3.975	6.360	-	-	-	-	-	-	3.48	4.38	4.30	6.03	5.97	8.82
2.540	100	4.417	7.067	2.13	2.70	0.13	0.94 - 1.38	2.14	2.30	3.88	4.88	4.79	6.72	6.65	9.82
3.048	120	5.300	8.480	2.59	3.23	0.65	1.19 - 1.72	2.59	2.78	4.68	5.87	5.78	8.08	8.00	11.81
3.810	150	6.625	10.600	3.25	4.02	1.45	1.56 - 2.22	3.26	3.50	5.88	7.37	7.26	10.14	10.03	14.80
5.080	200	8.833	14.133	4.40	5.34	2.76	2.18 - 3.06	4.39	4.71	7.87	9.87	9.72	13.56	13.41	19.78
6.350	250	11.042	17.667	5.51	6.66	4.08	2.80 - 3.90	5.51	5.92	9.87	12.37	12.18	16.98	16.79	24.77
7.620	300	13.250	21.200	6.63	7.98	5.40	3.41 - 4.74	6.64	7.12	11.86	14.87	14.65	20.40	20.17	29.75
8.890	350	15.458	24.733	7.78	9.30	6.72	4.03 - 5.58	7.76	8.33	13.86	17.37	17.11	23.82	23.55	34.73
10.160	400	17.667	28.267	8.89	10.62	8.04	4.65 - 6.42	8.89	9.53	15.85	19.87	19.57	27.25	26.93	39.71
12.700	500	22.083	35.333	11.12	13.26	10.68	5.89 - 8.10	11.14	11.95	19.84	24.87	24.50	34.09	33.69	49.68
15.240	600	26.500	42.400	13.39	-	-	-	13.39	14.36	23.83	29.87	29.43	40.93	40.46	59.64
17.780	700	30.917	49.467	15.65	-	-	-	15.64	16.77	27.82	34.87	34.36	47.78	47.22	69.61
20.320	800	35.333	56.533	17.88	-	-	-	17.89	19.18	31.81	39.87	39.29	54.62	53.98	79.58
22.860	900	39.750	63.600	20.14	-	-	-	20.14	21.60	35.80	44.86	44.21	61.46	60.74	89.54
25.400	1000	44.167	70.667	22.38	-	-	-	22.39	24.01	39.79	49.86	49.14	68.30	67.50	99.51

Lens type				Zoom lens										
Projection lens Model No.				Standard zoom lens/ ET-C1S600		ET-C1T700		ET-C1T800		ET-C1T900		ET-C1W400 ET-C1W500 ET-C1S600 ET-C1T700 ET-C1T800 ET-C1T900	ET-C1W300	ET-C1U090 ET-C1U100
Throw ratio[1]				1.36 - 2.10:1		2.07 - 3.38:1		3.30 - 6.60:1		6.50 - 11.10:1				
Diagonal (SD)		Height (SH)	Width (SW)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Height position (H)		
m	inches													
1.778	70	3.092	4.947	6.66	10.33	10.15	16.63	15.98	31.37	32.39	55.30	-0.31 - 3.40	0.00 - 3.09	-
2.032	80	3.533	5.653	7.65	11.83	11.64	19.05	18.42	36.47	36.88	63.07	-0.35 - 3.89	0.00 - 3.53	-
2.286	90	3.975	6.360	8.63	13.34	13.13	21.46	20.87	41.57	41.36	70.83	-0.40 - 4.37	0.00 - 3.98	-
2.540	100	4.417	7.067	9.61	14.84	14.62	23.88	23.32	46.67	45.85	78.60	-0.44 - 4.86	0.00 - 4.42	0.00 - 4.42
3.048	120	5.300	8.480	11.58	17.85	17.61	28.71	28.21	56.88	54.83	94.13	-0.53 - 5.83	0.00 - 5.30	0.00 - 5.30
3.810	150	6.625	10.600	14.53	22.36	22.09	35.96	35.56	72.19	68.30	117.4	-0.66 - 7.29	0.00 - 6.62	0.00 - 6.62
5.080	200	8.833	14.133	19.45	29.89	29.55	48.03	47.80	97.70	90.74	156.2	-0.88 - 9.72	0.00 - 8.83	0.00 - 8.83
6.350	250	11.042	17.667	24.36	37.41	37.02	60.11	60.03	123.21	113.2	195.1	-1.11 - 12.15	0.00 - 11.04	0.00 - 11.04
7.620	300	13.250	21.200	29.28	44.94	44.48	72.19	72.27	148.72	135.6	233.9	-1.33 - 14.57	0.00 - 13.25	0.00 - 13.25
8.890	350	15.458	24.733	34.20	52.46	51.95	84.27	84.51	174.23	158.1	272.7	-1.55 - 17.00	0.00 - 15.46	0.00 - 15.46
10.160	400	17.667	28.267	39.11	59.98	59.41	96.34	96.75	199.74	180.5	311.5	-1.77 - 19.43	0.00 - 17.67	0.00 - 17.67
12.700	500	22.083	35.333	48.95	75.03	74.34	120.50	121.22	250.77	225.4	389.2	-2.21 - 24.29	0.00 - 22.08	0.00 - 22.08
15.240	600	26.500	42.400	58.78	90.08	89.27	144.65	145.70	301.79	270.3	466.8	-2.65 - 29.15	0.00 - 26.50	0.00 - 26.50
17.780	700	30.917	49.467	68.61	105.13	104.20	168.81	170.17	352.81	315.2	544.5	-3.09 - 34.01	0.00 - 30.92	0.00 - 30.92
20.320	800	35.333	56.533	78.45	120.17	119.13	192.96	194.65	403.83	360.1	622.1	-3.53 - 38.87	0.00 - 35.33	0.00 - 35.33
22.860	900	39.750	63.600	88.28	135.22	134.06	217.11	219.12	454.86	405.0	699.8	-3.98 - 43.72	0.00 - 39.75	0.00 - 39.75
25.400	1000	44.167	70.667	98.11	150.27	148.99	241.27	243.60	505.88	449.9	777.4	-4.42 - 48.58	0.00 - 44.17	0.00 - 44.17

1 The throw ratio is based on the value during projection with the projected image size of 2.540 m [100 in].
However, the throw ratio for ET-C1U090/ET-C1U100/ET-C1U200 is based on the value during projection with the projected image size of 3.810 m [150 in].

2 For ET-C1U090/ET-C1U100, fine text and images may not be displayed clearly during projection with the projected image size over 15.240 m [600 in].

1-Chip DLP™ Projector

PT-REQ12B/REQ12LB/REQ12W/REQ12LW

Screen aspect ratio 16:9 — Unit: meters

Lens type				Fixed Focal Length Lens				Zoom lens							
Projection lens Model No.				ET-C1U090	ET-C1U200			ET-C1U100[2]		ET-C1W300		ET-C1W400		ET-C1W500	
Throw ratio[1]				0.308:1	0.379:1			0.308 - 0.331:1		0.550 - 0.690:1		0.680 - 0.950:1		0.940 - 1.39:1	
Diagonal (SD)		Height (SH)	Width (SW)	Projection distance (L)	Projection distance (L1)	From rear of set to screen (L4)	From top of set to bottom edge of screen (A1)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)
m	inches														
1.778	70	0.872	1.550	-	-	-	-	-	-	0.84	1.06	1.04	1.46	1.45	2.14
2.032	80	0.996	1.771	-	-	-	-	-	-	0.97	1.22	1.19	1.68	1.66	2.45
2.286	90	1.121	1.992	-	-	-	-	-	-	1.09	1.37	1.35	1.89	1.87	2.76
2.540	100	1.245	2.214	0.67	0.85	0.06	0.37 - 0.50	0.67	0.72	1.22	1.53	1.50	2.10	2.08	3.08
3.048	120	1.494	2.657	0.81	1.01	0.23	0.46 - 0.62	0.81	0.87	1.47	1.84	1.81	2.53	2.51	3.70
3.810	150	1.868	3.321	1.02	1.26	0.47	0.59 - 0.80	1.02	1.10	1.84	2.31	2.27	3.18	3.14	4.64
5.080	200	2.491	4.428	1.38	1.67	0.89	0.82 - 1.10	1.38	1.48	2.47	3.09	3.05	4.25	4.20	6.20
6.350	250	3.113	5.535	1.73	2.09	1.30	1.05 - 1.40	1.73	1.85	3.09	3.88	3.82	5.32	5.26	7.76
7.620	300	3.736	6.641	2.08	2.50	1.71	1.28 - 1.69	2.08	2.23	3.72	4.66	4.59	6.39	6.32	9.32
8.890	350	4.358	7.748	2.43	2.91	2.13	1.51 - 1.99	2.43	2.61	4.34	5.44	5.36	7.46	7.38	10.88
10.160	400	4.981	8.855	2.78	3.33	2.54	1.74 - 2.29	2.78	2.99	4.97	6.23	6.13	8.54	8.44	12.44
12.700	500	6.226	11.069	3.49	4.15	3.37	2.19 - 2.88	3.49	3.74	6.22	7.79	7.68	10.68	10.56	15.56
15.240	600	7.472	13.283	4.19	-	-	-	4.19	4.50	7.47	9.36	9.22	12.82	12.67	18.69
17.780	700	8.717	15.497	4.90	-	-	-	4.90	5.26	8.72	10.92	10.76	14.97	14.79	21.81
20.320	800	9.962	17.710	5.60	-	-	-	5.60	6.01	9.97	12.49	12.31	17.11	16.91	24.93
22.860	900	11.207	19.924	6.31	-	-	-	6.31	6.77	11.22	14.06	13.85	19.26	19.03	28.05
25.400	1000	12.453	22.138	7.01	-	-	-	7.01	7.52	12.47	15.62	15.40	21.40	21.15	31.17

Lens type				Zoom lens										
Projection lens Model No.				Standard zoom lens/ ET-C1S600		ET-C1T700		ET-C1T800		ET-C1T900		ET-C1W400 ET-C1W500 ET-C1S600 ET-C1T700 ET-C1T800 ET-C1T900	ET-C1W300	ET-C1U090 ET-C1U100
Throw ratio[1]				1.36 - 2.10:1		2.07 - 3.38:1		3.30 - 6.62:1		6.50 - 11.10:1				
Diagonal (SD)		Height (SH)	Width (SW)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Height position (H)		
m	inches													
1.778	70	0.872	1.550	2.09	3.24	3.18	5.21	5.02	9.86	10.14	17.32	-0.15 - 1.02	-0.05 - 0.92	-
2.032	80	0.996	1.771	2.40	3.71	3.65	5.97	5.78	11.46	11.54	19.75	-0.17 - 1.16	-0.06 - 1.05	-
2.286	90	1.121	1.992	2.71	4.18	4.12	6.73	6.55	13.06	12.95	22.18	-0.19 - 1.31	-0.06 - 1.18	-
2.540	100	1.245	2.214	3.01	4.65	4.58	7.48	7.32	14.66	14.36	24.61	-0.21 - 1.45	-0.07 - 1.31	-0.07 - 1.31
3.048	120	1.494	2.657	3.63	5.59	5.52	9.00	8.85	17.86	17.17	29.48	-0.25 - 1.74	-0.08 - 1.58	-0.08 - 1.58
3.810	150	1.868	3.321	4.55	7.01	6.92	11.27	11.15	22.65	21.39	36.78	-0.31 - 2.18	-0.10 - 1.97	-0.10 - 1.97
5.080	200	2.491	4.428	6.09	9.36	9.26	15.05	14.98	30.64	28.42	48.94	-0.42 - 2.91	-0.14 - 2.63	-0.14 - 2.63
6.350	250	3.113	5.535	7.63	11.72	11.60	18.83	18.82	38.63	35.45	61.10	-0.52 - 3.63	-0.17 - 3.29	-0.17 - 3.29
7.620	300	3.736	6.641	9.17	14.08	13.94	22.62	22.65	46.63	42.48	73.26	-0.62 - 4.36	-0.21 - 3.94	-0.21 - 3.94
8.890	350	4.358	7.748	10.71	16.44	16.28	26.40	26.48	54.62	49.51	85.43	-0.73 - 5.09	-0.24 - 4.60	-0.24 - 4.60
10.160	400	4.981	8.855	12.26	18.79	18.62	30.18	30.32	62.61	56.54	97.59	-0.83 - 5.81	-0.28 - 5.26	-0.28 - 5.26
12.700	500	6.226	11.069	15.34	23.51	23.29	37.75	37.99	78.60	70.61	121.91	-1.04 - 7.26	-0.35 - 6.57	-0.35 - 6.57
15.240	600	7.472	13.283	18.42	28.22	27.97	45.32	45.65	94.58	84.67	146.24	-1.25 - 8.72	-0.42 - 7.89	-0.42 - 7.89
17.780	700	8.717	15.497	21.50	32.94	32.65	52.88	53.32	110.56	98.73	170.56	-1.45 - 10.17	-0.48 - 9.20	-0.48 - 9.20
20.320	800	9.962	17.710	24.58	37.65	37.32	60.45	60.99	126.55	112.80	194.89	-1.66 - 11.62	-0.55 - 10.52	-0.55 - 10.52
22.860	900	11.207	19.924	27.66	42.36	42.00	68.02	68.66	142.53	126.86	219.21	-1.87 - 13.08	-0.62 - 11.83	-0.62 - 11.83
25.400	1000	12.453	22.138	30.74	47.08	46.68	75.59	76.32	158.52	140.92	243.54	-2.08 - 14.53	-0.69 - 13.14	-0.69 - 13.14

1 The throw ratio is based on the value during projection with the projected image size of 2.540 m [100 in].
However, the throw ratio for ET-C1U090/ET-C1U100/ET-C1U200 is based on the value during projection with the projected image size of 3.810 m [150 in].

2 For ET-C1U090/ET-C1U100, fine text and images may not be displayed clearly during projection with the projected image size over 15.240 m [600 in].

1-Chip DLP™ Projector

PT-REQ12B/REQ12LB/REQ12W/REQ12LW

Screen aspect ratio 16:9 Unit: feet

Lens type				Fixed Focal Length Lens				Zoom lens							
Projection lens Model No.				ET-C1U090	ET-C1U200			ET-C1U100[2]		ET-C1W300		ET-C1W400		ET-C1W500	
Throw ratio[1]				0.308:1	0.379:1			0.308 - 0.331:1		0.550 - 0.690:1		0.680 - 0.950:1		0.940 - 1.39:1	
Diagonal (SD)		Height (SH)	Width (SW)	Projection distance (L)	Projection distance (L1)	From rear of set to screen (L4)	From top of set to bottom edge of screen (A1)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)
m	inches														
1.778	70	2.860	5.084	-	-	-	-	-	-	2.76	3.47	3.41	4.80	4.75	7.02
2.032	80	3.268	5.811	-	-	-	-	-	-	3.17	3.99	3.92	5.50	5.45	8.05
2.286	90	3.677	6.537	-	-	-	-	-	-	3.58	4.50	4.42	6.20	6.14	9.07
2.540	100	4.086	7.263	2.20	2.78	0.20	1.20 - 1.66	2.20	2.36	3.99	5.01	4.93	6.91	6.84	10.10
3.048	120	4.903	8.716	2.66	3.32	0.74	1.50 - 2.05	2.66	2.86	4.81	6.04	5.94	8.31	8.23	12.14
3.810	150	6.128	10.895	3.35	4.13	1.56	1.95 - 2.63	3.36	3.60	6.04	7.58	7.46	10.42	10.31	15.22
5.080	200	8.171	14.526	4.53	5.49	2.91	2.70 - 3.61	4.51	4.84	8.09	10.15	9.99	13.94	13.79	20.34
6.350	250	10.214	18.158	5.68	6.84	4.27	3.45 - 4.58	5.67	6.08	10.15	12.72	12.53	17.46	17.26	25.46
7.620	300	12.257	21.789	6.82	8.20	5.62	4.20 - 5.56	6.82	7.32	12.20	15.29	15.06	20.97	20.74	30.58
8.890	350	14.299	25.421	7.97	9.56	6.98	4.95 - 6.54	7.98	8.56	14.25	17.86	17.59	24.49	24.21	35.70
10.160	400	16.342	29.053	9.12	10.91	8.33	5.70 - 7.51	9.14	9.80	16.30	20.43	20.12	28.01	27.68	40.82
12.700	500	20.428	36.316	11.45	13.62	11.04	7.19 - 9.46	11.45	12.28	20.40	25.56	25.19	35.04	34.63	51.06
15.240	600	24.513	43.579	13.75	-	-	-	13.76	14.76	24.50	30.70	30.25	42.07	41.58	61.31
17.780	700	28.599	50.842	16.08	-	-	-	16.08	17.24	28.60	35.84	35.32	49.11	48.53	71.55
20.320	800	32.684	58.105	18.37	-	-	-	18.39	19.72	32.70	40.98	40.38	56.14	55.48	81.79
22.860	900	36.770	65.368	20.70	-	-	-	20.70	22.20	36.80	46.11	45.45	63.17	62.43	92.03
25.400	1000	40.855	72.631	23.00	-	-	-	23.01	24.68	40.90	51.25	50.51	70.21	69.38	102.28

Lens type				Zoom lens										
Projection lens Model No.				Standard zoom lens/ ET-C1S600		ET-C1T700		ET-C1T800		ET-C1T900		ET-C1W400 ET-C1W500 ET-C1S600 ET-C1T700 ET-C1T800 ET-C1T900	ET-C1W300	ET-C1U090 ET-C1U100
Throw ratio[1]				1.36 - 2.10:1		2.07 - 3.38:1		3.30 - 6.62:1		6.50 - 11.10:1				
Diagonal (SD)		Height (SH)	Width (SW)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Height position (H)		
m	inches													
1.778	70	2.860	5.084	6.86	10.62	10.44	17.10	16.45	32.36	33.26	56.82	-0.48 - 3.34	-0.16 - 3.02	-
2.032	80	3.268	5.811	7.87	12.17	11.97	19.59	18.97	37.61	37.87	64.80	-0.54 - 3.81	-0.18 - 3.45	-
2.286	90	3.677	6.537	8.88	13.71	13.51	22.07	21.48	42.85	42.49	72.78	-0.61 - 4.29	-0.20 - 3.88	-
2.540	100	4.086	7.263	9.89	15.26	15.04	24.55	24.00	48.09	47.10	80.76	-0.68 - 4.77	-0.23 - 4.31	-0.23 - 4.31
3.048	120	4.903	8.716	11.91	18.35	18.11	29.52	29.03	58.58	56.33	96.72	-0.82 - 5.72	-0.27 - 5.17	-0.27 - 5.17
3.810	150	6.128	10.895	14.94	22.99	22.71	36.96	36.58	74.31	70.17	120.7	-1.02 - 7.15	-0.34 - 6.47	-0.34 - 6.47
5.080	200	8.171	14.526	19.99	30.73	30.38	49.38	49.16	100.53	93.24	160.6	-1.36 - 9.53	-0.45 - 8.63	-0.45 - 8.63
6.350	250	10.214	18.158	25.05	38.46	38.06	61.79	61.73	126.76	116.3	200.5	-1.70 - 11.92	-0.57 - 10.78	-0.57 - 10.78
7.620	300	12.257	21.789	30.10	46.19	45.73	74.20	74.31	152.98	139.4	240.4	-2.04 - 14.30	-0.68 - 12.94	-0.68 - 12.94
8.890	350	14.299	25.421	35.15	53.92	53.40	86.62	86.89	179.20	162.4	280.3	-2.38 - 16.68	-0.79 - 15.10	-0.79 - 15.10
10.160	400	16.342	29.053	40.21	61.66	61.07	99.03	99.47	205.42	185.5	320.2	-2.72 - 19.06	-0.91 - 17.25	-0.91 - 17.25
12.700	500	20.428	36.316	50.31	77.12	76.42	123.86	124.62	257.86	231.7	400.0	-3.41 - 23.83	-1.14 - 21.56	-1.14 - 21.56
15.240	600	24.513	43.579	60.42	92.59	91.76	148.68	149.78	310.30	277.8	479.8	-4.08 - 28.60	-1.36 - 25.88	-1.36 - 25.88
17.780	700	28.599	50.842	70.53	108.06	107.11	173.51	174.93	362.74	323.9	559.6	-4.77 - 33.37	-1.59 - 30.19	-1.59 - 30.19
20.320	800	32.684	58.105	80.63	123.52	122.45	198.33	200.09	415.18	370.1	639.4	-5.45 - 38.13	-1.81 - 34.50	-1.81 - 34.50
22.860	900	36.770	65.368	90.74	138.99	137.80	223.16	225.25	467.62	416.2	719.2	-6.13 - 42.90	-2.04 - 38.81	-2.04 - 38.81
25.400	1000	40.855	72.631	100.85	154.45	153.14	247.98	250.40	520.06	462.3	799.0	-6.81 - 47.66	-2.27 - 43.12	-2.27 - 43.12

1 The throw ratio is based on the value during projection with the projected image size of 2.540 m [100 in].
However, the throw ratio for ET-C1U090/ET-C1U100/ET-C1U200 is based on the value during projection with the projected image size of 3.810 m [150 in].

2 For ET-C1U090/ET-C1U100, fine text and images may not be displayed clearly during projection with the projected image size over 15.240 m [600 in].

1-Chip DLP™ Projector

PT-REQ12B/REQ12LB/REQ12W/REQ12LW

Screen aspect ratio 4:3 — Unit: meters

Lens type				Fixed Focal Length Lens				Zoom lens							
Projection lens Model No.				ET-C1U090	ET-C1U200			ET-C1U100[2]		ET-C1W300		ET-C1W400		ET-C1W500	
Throw ratio[1]				0.371:1	0.455:1			0.371 - 0.398:1		0.660 - 0.830:1		0.820 - 1.14:1		1.13 - 1.67:1	
Diagonal (SD)		Height (SH)	Width (SW)	Projection distance (L)	Projection distance (L1)	From rear of set to screen (L4)	From top of set to bottom edge of screen (A1)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)
m	inches														
1.778	70	1.067	1.422	-	-	-	-	-	-	0.93	1.17	1.15	1.61	1.60	2.36
2.032	80	1.219	1.626	-	-	-	-	-	-	1.07	1.34	1.32	1.85	1.83	2.71
2.286	90	1.372	1.829	-	-	-	-	-	-	1.21	1.51	1.49	2.09	2.07	3.05
2.540	100	1.524	2.032	0.74	0.93	0.14	0.34 - 0.49	0.74	0.80	1.34	1.69	1.66	2.32	2.30	3.39
3.048	120	1.829	2.438	0.90	1.11	0.33	0.42 - 0.60	0.90	0.96	1.62	2.03	2.00	2.79	2.77	4.08
3.810	150	2.286	3.048	1.13	1.39	0.60	0.55 - 0.78	1.13	1.21	2.03	2.55	2.51	3.50	3.47	5.11
5.080	200	3.048	4.064	1.52	1.84	1.06	0.76 - 1.07	1.52	1.63	2.72	3.41	3.36	4.68	4.63	6.83
6.350	250	3.810	5.080	1.91	2.30	1.51	0.98 - 1.36	1.91	2.05	3.41	4.27	4.21	5.86	5.80	8.55
7.620	300	4.572	6.096	2.29	2.75	1.97	1.19 - 1.65	2.29	2.46	4.10	5.14	5.06	7.05	6.96	10.27
8.890	350	5.334	7.112	2.68	3.21	2.42	1.40 - 1.94	2.68	2.88	4.79	6.00	5.91	8.23	8.13	11.99
10.160	400	6.096	8.128	3.07	3.66	2.88	1.62 - 2.23	3.07	3.29	5.47	6.86	6.76	9.41	9.30	13.71
12.700	500	7.620	10.160	3.85	4.57	3.79	2.04 - 2.81	3.85	4.13	6.85	8.59	8.46	11.77	11.63	17.15
15.240	600	9.144	12.192	4.62	-	-	-	4.62	4.96	8.23	10.31	10.16	14.13	13.96	20.59
17.780	700	10.668	14.224	5.40	-	-	-	5.40	5.79	9.60	12.04	11.86	16.49	16.30	24.03
20.320	800	12.192	16.256	6.18	-	-	-	6.18	6.62	10.98	13.76	13.56	18.85	18.63	27.46
22.860	900	13.716	18.288	6.95	-	-	-	6.95	7.46	12.36	15.49	15.26	21.21	20.96	30.90
25.400	1000	15.240	20.320	7.73	-	-	-	7.73	8.29	13.73	17.21	16.96	23.57	23.30	34.34

Lens type				Zoom lens										
Projection lens Model No.				Standard zoom lens/ ET-C1S600		ET-C1T700		ET-C1T800		ET-C1T900		ET-C1W400 ET-C1W500 ET-C1S600 ET-C1T700 ET-C1T800 ET-C1T900	ET-C1W300	ET-C1U090 ET-C1U100
Throw ratio[1]				1.64 - 2.52:1		2.49 - 4.06:1		3.98 - 8.01:1		7.26 - 12.45:1				
Diagonal (SD)		Height (SH)	Width (SW)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Height position (H)		
m	inches													
1.778	70	1.067	1.422	2.31	3.57	3.51	5.75	5.56	11.00	10.41	17.79	-0.11 - 1.17	0.00 - 1.07	-
2.032	80	1.219	1.626	2.65	4.09	4.03	6.58	6.40	12.76	11.86	20.29	-0.12 - 1.34	0.00 - 1.22	-
2.286	90	1.372	1.829	2.99	4.61	4.54	7.42	7.25	14.52	13.30	22.79	-0.14 - 1.51	0.00 - 1.37	-
2.540	100	1.524	2.032	3.33	5.13	5.06	8.25	8.09	16.28	14.75	25.29	-0.15 - 1.68	0.00 - 1.52	0.00 - 1.52
3.048	120	1.829	2.438	4.00	6.17	6.09	9.92	9.78	19.80	17.64	30.29	-0.18 - 2.01	0.00 - 1.83	0.00 - 1.83
3.810	150	2.286	3.048	5.02	7.73	7.63	12.42	12.32	25.08	21.97	37.79	-0.23 - 2.52	0.00 - 2.29	0.00 - 2.29
5.080	200	3.048	4.064	6.72	10.32	10.21	16.59	16.54	33.89	29.20	50.29	-0.31 - 3.35	0.00 - 3.05	0.00 - 3.05
6.350	250	3.810	5.080	8.42	12.92	12.79	20.75	20.76	42.69	36.43	62.79	-0.38 - 4.19	0.00 - 3.81	0.00 - 3.81
7.620	300	4.572	6.096	10.11	15.51	15.36	24.92	24.98	51.49	43.66	75.29	-0.46 - 5.03	0.00 - 4.57	0.00 - 4.57
8.890	350	5.334	7.112	11.81	18.11	17.94	29.09	29.21	60.29	50.88	87.79	-0.53 - 5.87	0.00 - 5.33	0.00 - 5.33
10.160	400	6.096	8.128	13.51	20.71	20.51	33.25	33.43	69.10	58.11	100.29	-0.61 - 6.71	0.00 - 6.10	0.00 - 6.10
12.700	500	7.620	10.160	16.90	25.90	25.66	41.59	41.87	86.70	72.56	125.30	-0.76 - 8.38	0.00 - 7.62	0.00 - 7.62
15.240	600	9.144	12.192	20.29	31.09	30.82	49.92	50.32	104.31	87.02	150.30	-0.91 - 10.06	0.00 - 9.14	0.00 - 9.14
17.780	700	10.668	14.224	23.68	36.28	35.97	58.26	58.77	121.91	101.47	175.30	-1.07 - 11.74	0.00 - 10.67	0.00 - 10.67
20.320	800	12.192	16.256	27.08	41.48	41.12	66.59	67.21	139.52	115.92	200.30	-1.22 - 13.41	0.00 - 12.19	0.00 - 12.19
22.860	900	13.716	18.288	30.47	46.67	46.27	74.93	75.66	157.13	130.38	225.30	-1.37 - 15.09	0.00 - 13.72	0.00 - 13.72
25.400	1000	15.240	20.320	33.86	51.86	51.42	83.26	84.10	174.73	144.83	250.30	-1.52 - 16.76	0.00 - 15.24	0.00 - 15.24

1 The throw ratio is based on the value during projection with the projected image size of 2.540 m [100 in].
However, the throw ratio for ET-C1U090/ET-C1U100/ET-C1U200 is based on the value during projection with the projected image size of 3.810 m [150 in].

2 For ET-C1U090/ET-C1U100, fine text and images may not be displayed clearly during projection with the projected image size over 15.240 m [600 in].

Screen aspect ratio 4:3 Unit: feet

Lens type				Fixed Focal Length Lens				Zoom lens							
Projection lens Model No.				ET-C1U090	ET-C1U200			ET-C1U100[2]		ET-C1W300		ET-C1W400		ET-C1W500	
Throw ratio[1]				0.371:1	0.455:1			0.371 - 0.398:1		0.660 - 0.830:1		0.820 - 1.14:1		1.13 - 1.67:1	
Diagonal (SD)		Height (SH)	Width (SW)	Projection distance (L)	Projection distance (L1)	From rear of set to screen (L4)	From top of set to bottom edge of screen (A1)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)
m	inches														
1.778	70	3.500	4.667	-	-	-	-	-	-	3.06	3.84	3.77	5.30	5.25	7.75
2.032	80	4.000	5.333	-	-	-	-	-	-	3.51	4.40	4.33	6.07	6.01	8.88
2.286	90	4.500	6.000	-	-	-	-	-	-	3.96	4.97	4.88	6.84	6.78	10.01
2.540	100	5.000	6.667	2.43	3.05	0.48	1.10 - 1.60	2.43	2.62	4.41	5.54	5.44	7.62	7.54	11.13
3.048	120	6.000	8.000	2.95	3.65	1.07	1.38 - 1.98	2.94	3.16	5.31	6.67	6.56	9.17	9.07	13.39
3.810	150	7.500	10.000	3.71	4.55	1.97	1.80 - 2.55	3.71	3.98	6.67	8.36	8.23	11.49	11.37	16.78
5.080	200	10.000	13.333	4.99	6.04	3.46	2.50 - 3.50	4.98	5.35	8.93	11.19	11.02	15.37	15.20	22.42
6.350	250	12.500	16.667	6.27	7.53	4.95	3.20 - 4.45	6.25	6.71	11.19	14.02	13.81	19.24	19.02	28.06
7.620	300	15.000	20.000	7.51	9.03	6.45	3.90 - 5.40	7.53	8.08	13.44	16.85	16.60	23.11	22.85	33.70
8.890	350	17.500	23.333	8.79	10.52	7.94	4.60 - 6.35	8.80	9.44	15.70	19.68	19.39	26.99	26.68	39.34
10.160	400	20.000	26.667	10.07	12.01	9.43	5.30 - 7.30	10.08	10.81	17.96	22.51	22.18	30.86	30.50	44.98
12.700	500	25.000	33.333	12.63	15.00	12.42	6.70 - 9.20	12.62	13.54	22.48	28.17	27.76	38.61	38.16	56.26
15.240	600	30.000	40.000	15.16	-	-	-	15.17	16.27	26.99	33.83	33.34	46.36	45.81	67.54
17.780	700	35.000	46.667	17.72	-	-	-	17.72	19.00	31.51	39.49	38.91	54.10	53.47	78.82
20.320	800	40.000	53.333	20.28	-	-	-	20.27	21.73	36.03	45.15	44.49	61.85	61.12	90.10
22.860	900	45.000	60.000	22.80	-	-	-	22.81	24.46	40.54	50.81	50.07	69.60	68.78	101.39
25.400	1000	50.000	66.667	25.36	-	-	-	25.36	27.20	45.06	56.46	55.65	77.34	76.43	112.67

Lens type				Zoom lens										
Projection lens Model No.				Standard zoom lens/ ET-C1S600		ET-C1T700		ET-C1T800		ET-C1T900		ET-C1W400 ET-C1W500 ET-C1S600 ET-C1T700 ET-C1T800 ET-C1T900	ET-C1W300	ET-C1U090 ET-C1U100
Throw ratio[1]				1.64 - 2.52:1		2.49 - 4.06:1		3.98 - 8.01:1		7.26 - 12.45:1		Height position (H)		
Diagonal (SD)		Height (SH)	Width (SW)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)			
m	inches													
1.778	70	3.500	4.667	7.57	11.72	11.53	18.87	18.24	36.09	34.16	58.37	-0.35 - 3.85	0.00 - 3.50	-
2.032	80	4.000	5.333	8.69	13.42	13.22	21.60	21.01	41.86	38.90	66.57	-0.40 - 4.40	0.00 - 4.00	-
2.286	90	4.500	6.000	9.80	15.12	14.91	24.34	23.78	47.64	43.64	74.77	-0.45 - 4.95	0.00 - 4.50	-
2.540	100	5.000	6.667	10.91	16.83	16.60	27.07	26.55	53.41	48.39	82.98	-0.50 - 5.50	0.00 - 5.00	0.00 - 5.00
3.048	120	6.000	8.000	13.14	20.24	19.98	32.54	32.09	64.97	57.87	99.38	-0.60 - 6.60	0.00 - 6.00	0.00 - 6.00
3.810	150	7.500	10.000	16.48	25.35	25.05	40.74	40.41	82.29	72.10	124.0	-0.75 - 8.25	0.00 - 7.50	0.00 - 7.50
5.080	200	10.000	13.333	22.04	33.86	33.50	54.42	54.26	111.18	95.81	165.0	-1.00 - 11.00	0.00 - 10.00	0.00 - 10.00
6.350	250	12.500	16.667	27.61	42.38	41.95	68.09	68.11	140.06	119.5	206.0	-1.25 - 13.75	0.00 - 12.50	0.00 - 12.50
7.620	300	15.000	20.000	33.18	50.90	50.40	81.76	81.97	168.94	143.2	247.0	-1.50 - 16.50	0.00 - 15.00	0.00 - 15.00
8.890	350	17.500	23.333	38.74	59.42	58.85	95.43	95.82	197.82	166.9	288.0	-1.75 - 19.25	0.00 - 17.50	0.00 - 17.50
10.160	400	20.000	26.667	44.31	67.93	67.30	109.10	109.68	226.70	190.6	329.1	-2.00 - 22.00	0.00 - 20.00	0.00 - 20.00
12.700	500	25.000	33.333	55.44	84.97	84.20	136.45	137.38	284.46	238.1	411.1	-2.50 - 27.50	0.00 - 25.00	0.00 - 25.00
15.240	600	30.000	40.000	66.57	102.00	101.10	163.79	165.09	342.22	285.5	493.1	-3.00 - 33.00	0.00 - 30.00	0.00 - 30.00
17.780	700	35.000	46.667	77.70	119.04	118.00	191.14	192.80	399.98	332.9	575.1	-3.50 - 38.50	0.00 - 35.00	0.00 - 35.00
20.320	800	40.000	53.333	88.84	136.07	134.91	218.48	220.51	457.74	380.3	657.2	-4.00 - 44.00	0.00 - 40.00	0.00 - 40.00
22.860	900	45.000	60.000	99.97	153.11	151.81	245.83	248.22	515.51	427.8	739.2	-4.50 - 49.50	0.00 - 45.00	0.00 - 45.00
25.400	1000	50.000	66.667	111.10	170.14	168.71	273.17	275.92	573.27	475.2	821.2	-5.00 - 55.00	0.00 - 50.00	0.00 - 50.00

1 The throw ratio is based on the value during projection with the projected image size of 2.540 m [100 in].
However, the throw ratio for ET-C1U090/ET-C1U100/ET-C1U200 is based on the value during projection with the projected image size of 3.810 m [150 in].

2 For ET-C1U090/ET-C1U100, fine text and images may not be displayed clearly during projection with the projected image size over 15.240 m [600 in].

1-Chip DLP™ Projector

PT-REQ12B/REQ12LB/REQ12W/REQ12LW

Screen aspect ratio 21:9 — Unit: meters

Lens type				Fixed Focal Length Lens				Zoom lens							
Projection lens Model No.				ET-C1U090	ET-C1U200			ET-C1U100[2]		ET-C1W300		ET-C1W400		ET-C1W500	
Throw ratio[1]				0.309:1	0.379:1			0.309 - 0.331:1		0.551 - 0.691:1		0.680 - 0.952:1		0.942 - 1.39:1	
Diagonal (SD)		Height (SH)	Width (SW)	Projection distance (L)	Projection distance (L1)	From rear of set to screen (L4)	From top of set to bottom edge of screen (A1)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)
m	inches														
1.778	70	0.691	1.638	-	-	-	-	-	-	0.89	1.12	1.10	1.55	1.53	2.27
2.032	80	0.790	1.872	-	-	-	-	-	-	1.02	1.29	1.26	1.77	1.76	2.60
2.286	90	0.889	2.106	-	-	-	-	-	-	1.16	1.45	1.43	2.00	1.98	2.93
2.540	100	0.987	2.340	0.71	0.89	0.11	0.56 - 0.70	0.71	0.76	1.29	1.62	1.59	2.23	2.20	3.26
3.048	120	1.185	2.808	0.86	1.07	0.28	0.69 - 0.86	0.86	0.92	1.55	1.95	1.92	2.68	2.65	3.92
3.810	150	1.481	3.510	1.08	1.33	0.55	0.88 - 1.10	1.08	1.16	1.95	2.45	2.41	3.36	3.32	4.91
5.080	200	1.975	4.681	1.46	1.77	0.98	1.20 - 1.50	1.46	1.56	2.61	3.27	3.22	4.49	4.44	6.56
6.350	250	2.468	5.851	1.83	2.20	1.42	1.53 - 1.89	1.83	1.96	3.27	4.10	4.04	5.63	5.56	8.21
7.620	300	2.962	7.021	2.20	2.64	1.86	1.85 - 2.29	2.20	2.36	3.93	4.93	4.85	6.76	6.68	9.86
8.890	350	3.456	8.191	2.57	3.08	2.29	2.18 - 2.69	2.57	2.76	4.59	5.76	5.67	7.89	7.80	11.51
10.160	400	3.949	9.361	2.95	3.51	2.73	2.50 - 3.08	2.95	3.16	5.25	6.58	6.49	9.03	8.92	13.16
12.700	500	4.936	11.701	3.69	4.39	3.60	3.15 - 3.88	3.69	3.96	6.57	8.24	8.12	11.29	11.16	16.46
15.240	600	5.924	14.042	4.44	-	-	-	4.44	4.76	7.89	9.89	9.75	13.56	13.40	19.76
17.780	700	6.911	16.382	5.18	-	-	-	5.18	5.56	9.22	11.55	11.38	15.83	15.64	23.06
20.320	800	7.898	18.722	5.93	-	-	-	5.93	6.36	10.54	13.21	13.01	18.09	17.88	26.36
22.860	900	8.886	21.062	6.67	-	-	-	6.67	7.16	11.86	14.86	14.65	20.36	20.12	29.66
25.400	1000	9.873	23.403	7.42	-	-	-	7.42	7.95	13.18	16.52	16.28	22.62	22.36	32.96

Lens type				Zoom lens										
Projection lens Model No.				Standard zoom lens/ ET-C1S600		ET-C1T700		ET-C1T800		ET-C1T900		ET-C1W400 ET-C1W500 ET-C1S600 ET-C1T700 ET-C1T800 ET-C1T900	ET-C1W300	ET-C1U090 ET-C1U100
Throw ratio[1]				1.36 - 2.10:1		2.07 - 3.38:1		3.31 - 6.65:1		6.48 - 11.11:1				
Diagonal (SD)		Height (SH)	Width (SW)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Height position (H)		
m	inches													
1.778	70	0.691	1.638	2.21	3.43	3.37	5.52	5.32	10.50	10.70	18.29	-0.27 - 0.96	-0.17 - 0.86	-
2.032	80	0.790	1.872	2.54	3.92	3.86	6.32	6.13	12.19	12.19	20.86	-0.31 - 1.10	-0.19 - 0.98	-
2.286	90	0.889	2.106	2.86	4.42	4.36	7.12	6.94	13.88	13.67	23.43	-0.35 - 1.23	-0.21 - 1.10	-
2.540	100	0.987	2.340	3.19	4.92	4.85	7.92	7.75	15.57	15.16	26.00	-0.38 - 1.37	-0.24 - 1.23	-0.24 - 1.23
3.048	120	1.185	2.808	3.84	5.92	5.84	9.52	9.37	18.95	18.13	31.15	-0.46 - 1.65	-0.29 - 1.47	-0.29 - 1.47
3.810	150	1.481	3.510	4.82	7.41	7.32	11.92	11.81	24.02	22.59	38.86	-0.58 - 2.06	-0.36 - 1.84	-0.36 - 1.84
5.080	200	1.975	4.681	6.45	9.90	9.80	15.91	15.86	32.47	30.03	51.72	-0.77 - 2.74	-0.48 - 2.45	-0.48 - 2.45
6.350	250	2.468	5.851	8.07	12.40	12.27	19.91	19.91	40.92	37.46	64.58	-0.96 - 3.43	-0.59 - 3.06	-0.59 - 3.06
7.620	300	2.962	7.021	9.70	14.89	14.74	23.91	23.96	49.37	44.89	77.43	-1.15 - 4.11	-0.71 - 3.68	-0.71 - 3.68
8.890	350	3.456	8.191	11.33	17.38	17.21	27.91	28.02	57.81	52.33	90.29	-1.34 - 4.80	-0.83 - 4.29	-0.83 - 4.29
10.160	400	3.949	9.361	12.96	19.87	19.68	31.91	32.07	66.26	59.76	103.15	-1.54 - 5.49	-0.95 - 4.90	-0.95 - 4.90
12.700	500	4.936	11.701	16.22	24.85	24.63	39.91	40.18	83.16	74.62	128.86	-1.92 - 6.86	-1.19 - 6.13	-1.19 - 6.13
15.240	600	5.924	14.042	19.47	29.84	29.57	47.91	48.28	100.06	89.49	154.58	-2.30 - 8.23	-1.43 - 7.35	-1.43 - 7.35
17.780	700	6.911	16.382	22.73	34.82	34.52	55.91	56.39	116.96	104.36	180.29	-2.69 - 9.60	-1.66 - 8.58	-1.66 - 8.58
20.320	800	7.898	18.722	25.98	39.80	39.46	63.91	64.49	133.85	119.22	206.01	-3.07 - 10.97	-1.90 - 9.80	-1.90 - 9.80
22.860	900	8.886	21.062	29.24	44.79	44.40	71.91	72.60	150.75	134.09	231.72	-3.46 - 12.34	-2.14 - 11.03	-2.14 - 11.03
25.400	1000	9.873	23.403	32.50	49.77	49.35	79.91	80.70	167.65	148.95	257.43	-3.84 - 13.71	-2.38 - 12.25	-2.38 - 12.25

1 The throw ratio is based on the value during projection with the projected image size of 2.540 m [100 in].
However, the throw ratio for ET-C1U090/ET-C1U100/ET-C1U200 is based on the value during projection with the projected image size of 3.810 m [150 in].

2 For ET-C1U090/ET-C1U100, fine text and images may not be displayed clearly during projection with the projected image size over 15.240 m [600 in].

Screen aspect ratio 21:9 Unit: feet

Lens type				Fixed Focal Length Lens				Zoom lens							
Projection lens Model No.				ET-C1U090	ET-C1U200			ET-C1U100[2]		ET-C1W300		ET-C1W400		ET-C1W500	
Throw ratio[1]				0.309:1	0.379:1			0.309 - 0.331:1		0.551 - 0.691:1		0.680 - 0.952:1		0.942 - 1.39:1	
Diagonal (SD)		Min. (LW)	Max. (LT)	Projection distance (L)	Projection distance (L1)	From rear of set to screen (L4)	From top of set to bottom edge of screen (A1)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)
m	inches														
1.778	70	2.267	5.375	-	-	-	-	-	-	2.93	3.68	3.61	5.08	5.03	7.43
2.032	80	2.591	6.142	-	-	-	-	-	-	3.36	4.22	4.15	5.82	5.76	8.52
2.286	90	2.915	6.910	-	-	-	-	-	-	3.80	4.76	4.68	6.56	6.50	9.60
2.540	100	3.239	7.678	2.33	2.93	0.36	1.83 - 2.31	2.33	2.51	4.23	5.31	5.22	7.31	7.23	10.68
3.048	120	3.887	9.214	2.82	3.51	0.93	2.25 - 2.83	2.82	3.03	5.10	6.39	6.29	8.79	8.70	12.85
3.810	150	4.859	11.517	3.54	4.37	1.79	2.89 - 3.61	3.55	3.82	6.40	8.02	7.89	11.03	10.91	16.09
5.080	200	6.478	15.356	4.79	5.80	3.22	3.95 - 4.91	4.78	5.13	8.56	10.74	10.57	14.74	14.58	21.51
6.350	250	8.098	19.195	6.00	7.23	4.65	5.01 - 6.21	6.00	6.44	10.73	13.45	13.25	18.46	18.25	26.92
7.620	300	9.718	23.034	7.22	8.66	6.09	6.08 - 7.51	7.22	7.75	12.90	16.17	15.93	22.18	21.93	32.34
8.890	350	11.337	26.873	8.43	10.10	7.52	7.14 - 8.82	8.44	9.06	15.07	18.89	18.60	25.90	25.60	37.75
10.160	400	12.957	30.712	9.68	11.53	8.95	8.20 - 10.12	9.67	10.37	17.23	21.60	21.28	29.61	29.27	43.16
12.700	500	16.196	38.390	12.11	14.40	11.82	10.32 - 12.72	12.11	12.99	21.57	27.03	26.63	37.05	36.62	53.99
15.240	600	19.435	46.068	14.57	-	-	-	14.56	15.61	25.90	32.46	31.99	44.48	43.97	64.82
17.780	700	22.674	53.746	17.00	-	-	-	17.00	18.23	30.24	37.89	37.34	51.92	51.31	75.65
20.320	800	25.913	61.424	19.46	-	-	-	19.45	20.85	34.57	43.32	42.70	59.35	58.66	86.47
22.860	900	29.153	69.102	21.88	-	-	-	21.89	23.47	38.91	48.76	48.05	66.79	66.00	97.30
25.400	1000	32.392	76.780	24.34	-	-	-	24.34	26.10	43.24	54.19	53.40	74.23	73.35	108.13

Lens type				Zoom lens										
Projection lens Model No.				Standard zoom lens/ ET-C1S600		ET-C1T700		ET-C1T800		ET-C1T900		ET-C1W400 ET-C1W500 ET-C1S600 ET-C1T700 ET-C1T800 ET-C1T900	ET-C1W300	ET-C1U090 ET-C1U100
Throw ratio[1]				1.36 - 2.10:1		2.07 - 3.38:1		3.31 - 6.65:1		6.48 - 11.11:1		Height position (H)		
Diagonal (SD)		Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)	Min. (LW)	Max. (LT)			
m	inches													
1.778	70	2.267	5.375	7.26	11.24	11.05	18.10	17.46	34.46	35.11	60.01	-0.88 - 3.15	-0.54 - 2.81	-
2.032	80	2.591	6.142	8.33	12.87	12.67	20.72	20.12	40.00	39.98	68.44	-1.01 - 3.60	-0.62 - 3.22	-
2.286	90	2.915	6.910	9.40	14.51	14.29	23.35	22.78	45.55	44.86	76.88	-1.14 - 4.05	-0.70 - 3.62	-
2.540	100	3.239	7.678	10.46	16.14	15.92	25.97	25.44	51.09	49.74	85.32	-1.26 - 4.50	-0.78 - 4.02	-0.78 - 4.02
3.048	120	3.887	9.214	12.60	19.41	19.16	31.22	30.76	62.18	59.49	102.2	-1.51 - 5.40	-0.94 - 4.82	-0.94 - 4.82
3.810	150	4.859	11.517	15.81	24.32	24.03	39.09	38.73	78.81	74.12	127.5	-1.89 - 6.75	-1.17 - 6.03	-1.17 - 6.03
5.080	200	6.478	15.356	21.15	32.49	32.14	52.21	52.03	106.53	98.51	169.7	-2.52 - 9.00	-1.56 - 8.04	-1.56 - 8.04
6.350	250	8.098	19.195	26.49	40.67	40.25	65.34	65.33	134.24	122.9	211.9	-3.15 - 11.25	-1.95 - 10.05	-1.95 - 10.05
7.620	300	9.718	23.034	31.83	48.84	48.36	78.46	78.62	161.96	147.3	254.0	-3.78 - 13.50	-2.34 - 12.06	-2.34 - 12.06
8.890	350	11.337	26.873	37.17	57.02	56.47	91.58	91.92	189.68	171.7	296.2	-4.41 - 15.74	-2.73 - 14.06	-2.73 - 14.06
10.160	400	12.957	30.712	42.52	65.19	64.58	104.70	105.22	217.40	196.1	338.4	-5.04 - 18.00	-3.12 - 16.08	-3.12 - 16.08
12.700	500	16.196	38.390	53.20	81.54	80.80	130.95	131.81	272.84	244.8	422.8	-6.30 - 22.49	-3.90 - 20.10	-3.90 - 20.10
15.240	600	19.435	46.068	63.88	97.89	97.02	157.19	158.40	328.27	293.6	507.1	-7.56 - 26.99	-4.68 - 24.11	-4.68 - 24.11
17.780	700	22.674	53.746	74.57	114.24	113.24	183.43	184.99	383.71	342.4	591.5	-8.82 - 31.49	-5.46 - 28.13	-5.46 - 28.13
20.320	800	25.913	61.424	85.25	130.59	129.46	209.68	211.59	439.15	391.2	675.9	-10.08 - 35.99	-6.24 - 32.15	-6.24 - 32.15
22.860	900	29.153	69.102	95.94	146.94	145.68	235.92	238.18	494.58	439.9	760.2	-11.34 - 40.49	-7.02 - 36.17	-7.02 - 36.17
25.400	1000	32.392	76.780	106.62	163.29	161.91	262.17	264.77	550.02	488.7	844.6	-12.60 - 44.99	-7.80 - 40.19	-7.80 - 40.19

1 The throw ratio is based on the value during projection with the projected image size of 2.540 m [100 in].
However, the throw ratio for ET-C1U090/ET-C1U100/ET-C1U200 is based on the value during projection with the projected image size of 3.810 m [150 in].

2 For ET-C1U090/ET-C1U100, fine text and images may not be displayed clearly during projection with the projected image size over 15.240 m [600 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.

Zoom lens

Unit: m

Projection lens Model No.	Aspect ratio	Throw ratio	Projection distance (L) formula	
			Min. (LW)	Max. (LT)
ET-C1U100	16:10	0.308 - 0.330:1	=0.2700 x SD - 0.0348	=0.2895 x SD - 0.0353
	16:9	0.308 - 0.331:1	=0.2775 x SD - 0.0348	=0.2975 x SD - 0.0353
	4:3	0.371 - 0.398:1	=0.3057 x SD - 0.0348	=0.3277 x SD - 0.0353
	21:9	0.309 - 0.331:1	=0.2934 x SD - 0.0348	=0.3145 x SD - 0.0353
ET-C1W300	16:10	0.550 - 0.690:1	=0.4787 x SD - 0.0322	=0.5998 x SD - 0.0376
	16:9	0.550 - 0.690:1	=0.4920 x SD - 0.0322	=0.6165 x SD - 0.0376
	4:3	0.660 - 0.830:1	=0.5420 x SD - 0.0322	=0.6791 x SD - 0.0376
	21:9	0.551 - 0.691 : 1	=0.5202 x SD - 0.0322	=0.6517 x SD - 0.0376
ET-C1W400	16:10	0.680 - 0.950 : 1	=0.5913 x SD - 0.0416	=0.8212 x SD - 0.0389
	16:9	0.680 - 0.950:1	=0.6078 x SD - 0.0416	=0.8440 x SD - 0.0389
	4:3	0.820 - 1.14:1	=0.6694 x SD - 0.0416	=0.9297 x SD - 0.0389
	21:9	0.680 - 0.952:1	=0.6425 x SD - 0.0416	=0.8922 x SD - 0.0389
ET-C1W500	16:10	0.940 - 1.39:1	=0.8114 x SD - 0.0344	=1.1958 x SD - 0.0448
	16:9	0.940 - 1.39:1	=0.8339 x SD - 0.0344	=1.2291 x SD - 0.0448
	4:3	1.13 - 1.67:1	=0.9185 x SD - 0.0344	=1.3538 x SD - 0.0448
	21:9	0.942 - 1.39:1	=0.8816 x SD - 0.0344	=1.2993 x SD - 0.0448
Standard zoom lens/ ET-C1S600	16:10	1.36 - 2.10:1	=1.1800 x SD - 0.0668	=1.8057 x SD - 0.0631
	16:9	1.36 - 2.10:1	=1.2128 x SD - 0.0668	=1.8559 x SD - 0.0631
	4:3	1.64 - 2.52:1	=1.3358 x SD - 0.0668	=2.0442 x SD - 0.0631
	21:9	1.36 - 2.10:1	=1.2821 x SD - 0.0668	=1.9619 x SD - 0.0631
ET-C1T700	16:10	2.07 - 3.38:1	=1.7915 x SD - 0.0929	=2.8985 x SD - 0.0835
	16:9	2.07 - 3.38:1	=1.8413 x SD - 0.0929	=2.9791 x SD - 0.0835
	4:3	2.49 - 4.06:1	=2.0282 x SD - 0.0929	=3.2813 x SD - 0.0835
	21:9	2.07 - 3.38:1	=1.9465 x SD - 0.0929	=3.1493 x SD - 0.0835
ET-C1T800	16:10	3.30 - 6.60:1	=2.9370 x SD - 0.3521	=6.1227 x SD - 1.3252
	16:9	3.30 - 6.62:1	=3.0187 x SD - 0.3521	=6.2929 x SD - 1.3252
	4:3	3.98 - 8.01:1	=3.3249 x SD - 0.3521	=6.9314 x SD - 1.3252
	21:9	3.31 - 6.65:1	=3.1911 x SD - 0.3521	=6.6524 x SD - 1.3252
ET-C1T900	16:10	6.50 - 11.10:1	=5.3867 x SD + 0.2939	=9.3177 x SD + 0.2899
	16:9	6.50 - 11.10:1	=5.5365 x SD + 0.2939	=9.5767 x SD + 0.2899
	4:3	7.26 - 12.45:1	=5.6905 x SD + 0.2939	=9.8430 x SD + 0.2899
	21:9	6.48 - 11.11:1	=5.8528 x SD + 0.2939	=10.1238 x SD + 0.2899

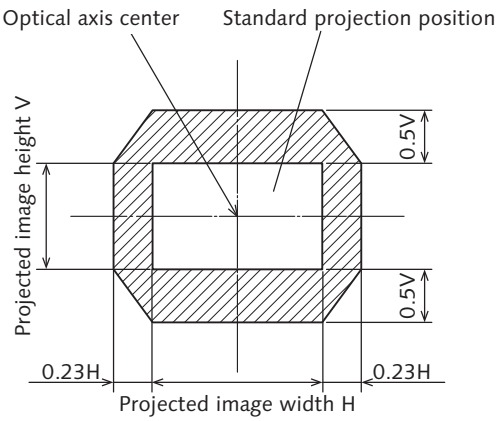
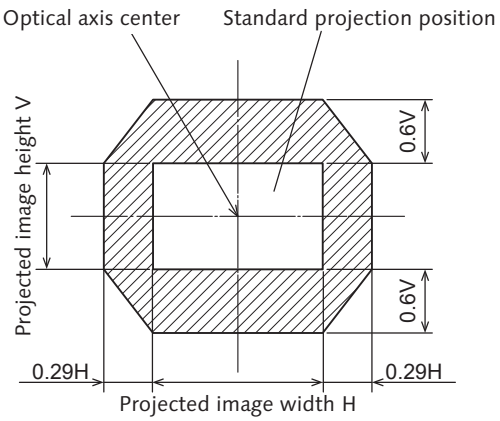
Fixed Focal Length Lens

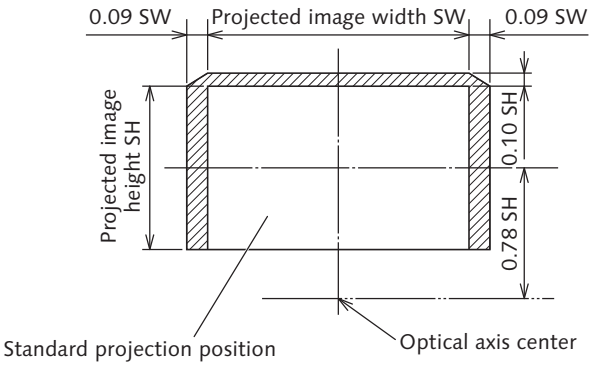
Unit: m

Projection lens Model No.	Aspect ratio	Throw ratio	Projection distance (L) formula
ET-C1U090	16:10	0.308:1	=0.2700 x SD - 0.0348
	16:9	0.308:1	=0.2775 x SD - 0.0348
	4:3	0.371:1	=0.3057 x SD - 0.0348
	21:9	0.309:1	=0.2934 x SD - 0.0348
ET-C1U200	16:10	0.380:1	=0.3165 x SD + 0.0204
	16:9	0.379:1	=0.3253 x SD + 0.0204
	4:3	0.455:1	=0.3583 x SD + 0.0204
	21:9	0.379:1	=0.3439 x SD + 0.0204

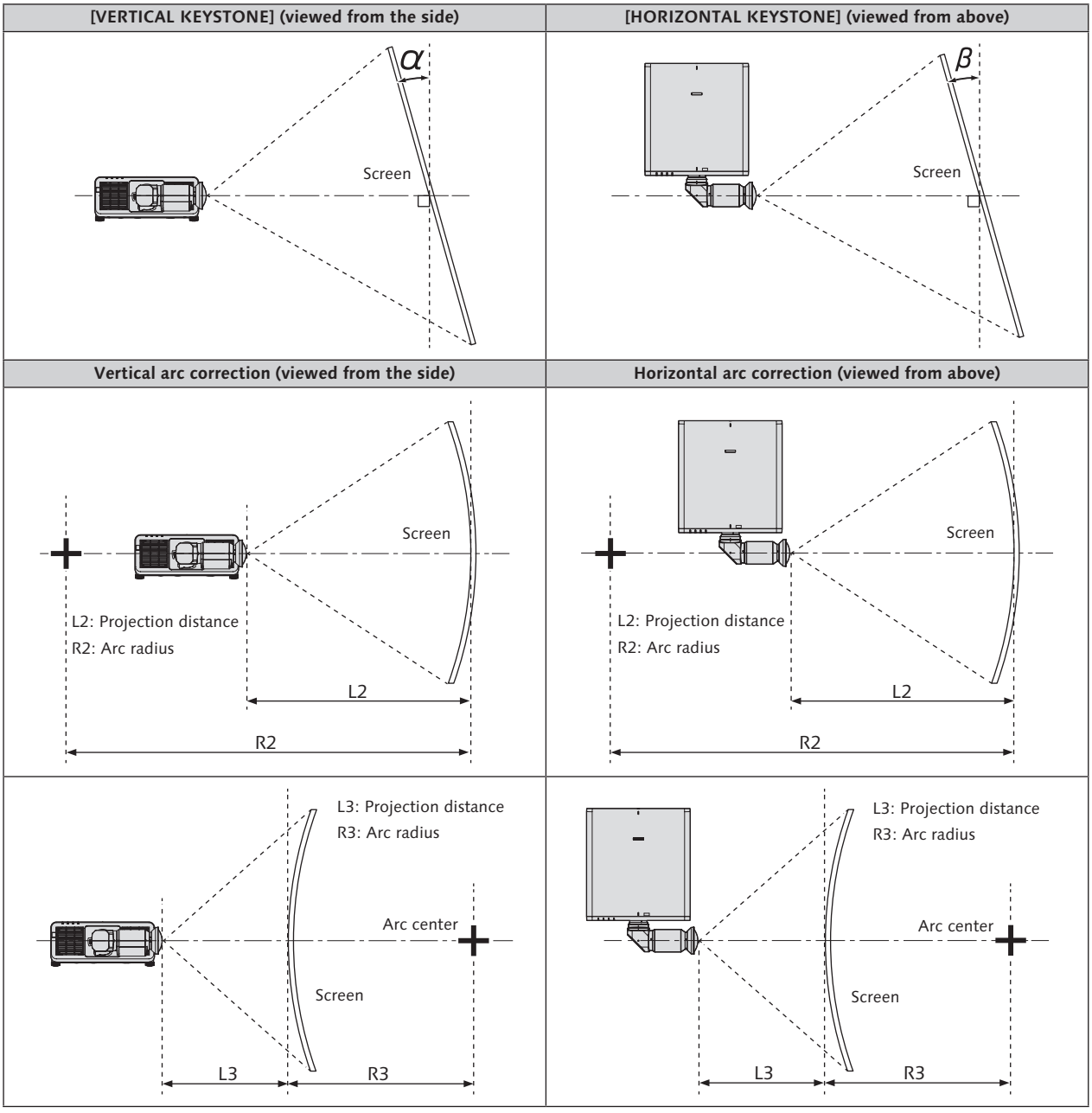
Adjustment range by the lens position shift (optical shift)

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.

Projection lens Model No.	When ET-C1U090, ET-C1U100, ET-C1W300 is mounted.	When Standard zoom lens, ET-C1W400, ET-C1W500, ET-C1S600, ET-C1T700, ET-C1T800, ET-C1T900 is mounted.
Lens shift range		

Projection lens Model No.	When ET-C1U200 is mounted.
Lens shift range	

[GEOMETRY] projection range



Projection lens Model No.	Only [KEYSTONE] used[1]		[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
ET-C1U090	±5	±3	-	-	-	-	-	-
ET-C1U100	±5	±3	-	-	-	-	-	-
ET-C1U200[2]	+5 / -0	0	-	-	-	-	-	-
ET-C1W300	±10	±5	-	-	-	-	-	-
ET-C1W400	±16	±10	-	-	-	-	-	-
ET-C1W500	±22	±15	±8	±8	1.3	3.3	0.8	1.9
ET-C1S600	±40	±40	±20	±15	1.3	3.3	0.8	1.9
ET-C1T700	±40	±40	±20	±15	0.9	2.0	0.5	1.1
ET-C1T800	±40	±40	±20	±15	0.5	1.0	0.3	0.6
ET-C1T900	±45	±40	±20	±15	0.2	0.4	0.2	0.3

1 When [VERTICAL KEYSTONE] and [HORIZONTAL KEYSTONE] are used simultaneously, correction cannot be made exceeding total of 55°.
2 Only the vertical keystone correction angle can be corrected in the direction in which the projector body moves away from the screen.

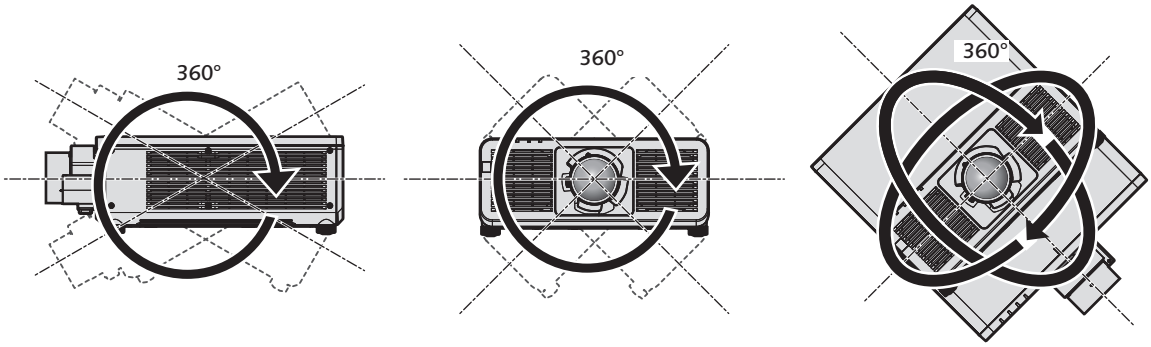
Note

- When [GEOMETRY] is used, the focus of the entire screen may be lost as correction increases.
- Make the curved screen a circular arc shape with one part of a perfect circle removed.
- Adjustment range of the [GEOMETRY] items may not match the listed projection range depending on the projection lens. Use this projector within the projection range, otherwise the correction may not work.

Installable angle

Install the projector at an angle within the range shown below.

FULL 360-degree projection



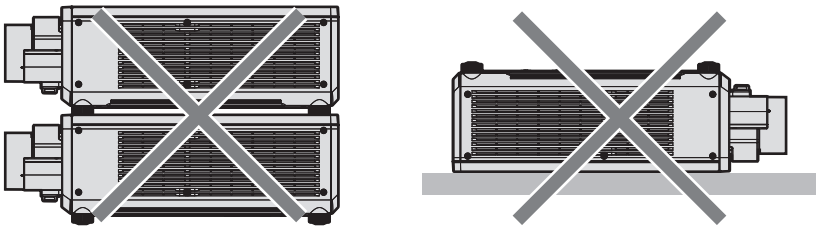
Vertical 360-deg.

Horizontal 360-deg.

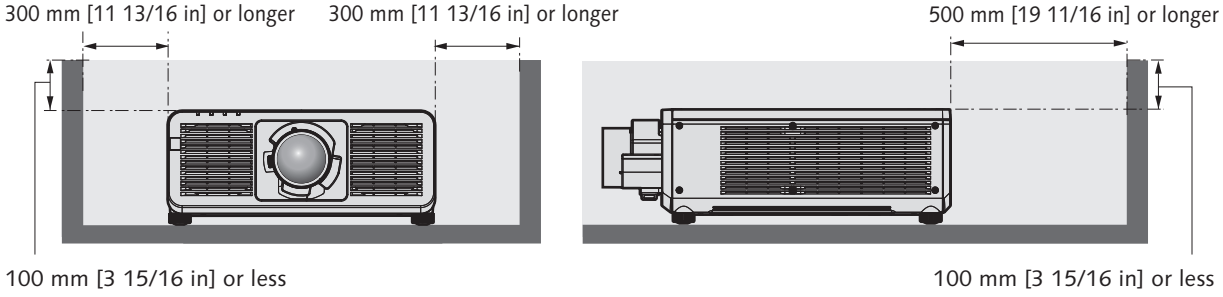
Tilting 360-deg.
(Vertical and Horizontal combination)

Notes on projector placement and operation

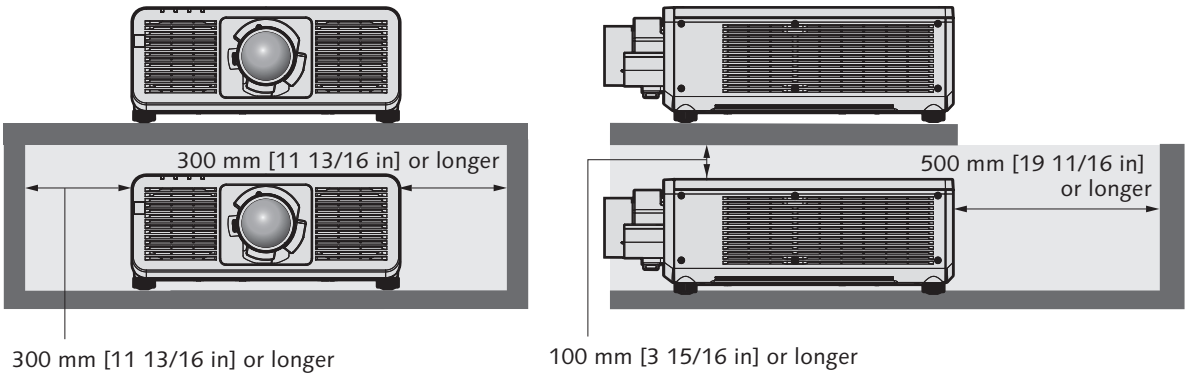
- Do not stack projectors on top of each other.
- Do not use the projector supporting it by the top.



- Do not block the intake/exhaust vents of the projector.
- Prevent hot and cool air from the air conditioning system to blow directly to the intake/exhaust vents of the projector.



- Do not install the projector in a confined space.
  When installing the projector in a confined space, provide air conditioning or ventilation separately. Exhaust heat may accumulate when the ventilation is not enough, triggering the protection circuit of the projector.



- When installing and fixing the projector on a ceiling or wall using a mount, make sure that the fixing screw or power cord does not come in contact with the metal section inside the ceiling or wall. Failure to observe this may result in electric shocks.
- Panasonic Connect Co., Ltd. takes no responsibility for any damage to the product caused by an inappropriate choice of location for installing the projector, even if the warranty period of the product has not expired.
- Immediately remove the product that is not in use anymore by asking a qualified technician.

List of compatible signals

The following table specifies the video signals compatible with the projector.

For details of SDI signal, refer to "List of single link SDI compatible signals". "List of quad link SDI compatible signals".

This projector supports the signal with ✓ in the compatible signal column.

- The content of the compatible signal column is as follows.

  -V: Video signal -C: Computer signal

Signal Type	Signal name (SIGNAL FORMAT)	Resolution (Dots)	Scanning freq.		Dot clock freq. (MHz)	Compatible signal		
			Horizontal (kHz)	Vertical (Hz)		HDMI™	DisplayPort	DIGITAL LINK[1]
V	480/60p	720 x 480	31.5	59.9	27.0	✓	–	✓
	576/50p	720 x 576	31.3	50.0	27.0	✓	–	✓
	720/60p	1280 x 720	45.0	60.0[2]	74.3	✓	✓	✓
	720/50p	1280 x 720	37.5	50.0	74.3	✓	✓	✓
	720/120p	1280 x 720	90.0	120.0[2]	148.5	✓	✓	✓
	1080/60i	1920 x 1080i	33.8	60.0[2]	74.3	✓	–	✓
	1080/50i	1920 x 1080i	28.1	50.0	74.3	✓	–	✓
	1080/24p	1920 x 1080	27.0	24.0[2]	74.3	✓	✓	✓
	1080/24sF	1920 x 1080i	27.0	48.0[2]	74.3	✓	–	✓
	1080/25p	1920 x 1080	28.1	25.0	74.3	✓	✓	✓
	1080/30p	1920 x 1080	33.8	30.0[2]	74.3	✓	✓	✓
	1080/60p	1920 x 1080	67.5	60.0[2]	148.5	✓	✓	✓
	1080/50p	1920 x 1080	56.3	50.0	148.5	✓	✓	✓
	1080/120p	1920 x 1080	135.0	120.0[2]	297.0	✓	✓	✓
	2K/24p	2048 x 1080	27.0	24.0[2]	74.3	✓	✓	✓
	2K/25p	2048 x 1080	28.1	25.0	74.3	✓	✓	✓
	2K/30p	2048 x 1080	33.8	30.0[2]	74.3	✓	✓	✓
	2K/48p	2048 x 1080	54.0	48.0[2]	148.5	✓	✓	✓
	2K/60p	2048 x 1080	67.5	60.0[2]	148.5	✓	✓	✓
	2K/50p	2048 x 1080	56.3	50.0	148.5	✓	✓	✓
	2560 x 1080/60p	2560 x 1080	66.0	60.0[2]	198.0	✓	✓	✓
	2560 x 1080/50p	2560 x 1080	56.3	50.0	185.6	✓	✓	✓
	3840 x 2160/24p	3840 x 2160	54.0	24.0[2]	297.0	✓	✓	✓
	3840 x 2160/25p	3840 x 2160	56.3	25.0	297.0	✓	✓	✓
	3840 x 2160/30p	3840 x 2160	67.5	30.0[2]	297.0	✓	✓	✓
	3840 x 2160/60p	3840 x 2160	135.0	60.0[2]	297.0	✓[3]	–	✓[3]
		3840 x 2160	135.0	60.0[2]	594.0	✓	✓	–
	3840 x 2160/50p	3840 x 2160	112.5	50.0	297.0	✓[3]	–	✓[3]
		3840 x 2160	112.5	50.0	594.0	✓	✓	–
	4096 x 2160/24p	4096 x 2160	54.0	24.0[2]	297.0	✓	✓	✓
	4096 x 2160/25p	4096 x 2160	56.3	25.0	297.0	✓	✓	✓
	4096 x 2160/30p	4096 x 2160	67.5	30.0[2]	297.0	✓	✓	✓
	4096 x 2160/60p	4096 x 2160	135.0	60.0[2]	297.0	✓[3]	–	✓[3]
		4096 x 2160	135.0	60.0[2]	594.0	✓	✓	–
	4096 x 2160/50p	4096 x 2160	112.5	50.0	297.0	✓[3]	–	✓[3]
		4096 x 2160	112.5	50.0	594.0	✓	✓	–
C	640 x 480/60	640 x 480	31.5	59.9	25.2	✓	✓	✓
	1024 x 768/50	1024 x 768	39.6	50.0	51.9	✓	✓	✓
	1024 x 768/60	1024 x 768	48.4	60.0	65.0	✓	✓	✓
	1280 x 800/50	1280 x 800	41.3	50.0	68.0	✓	✓	✓
	1280 x 800/60	1280 x 800	49.7	59.8	83.5	✓	✓	✓
	1280 x 1024/50	1280 x 1024	52.4	50.0	88.0	✓	–	✓
	1280 x 1024/60	1280 x 1024	64.0	60.0	108.0	✓	–	✓
	1366 x 768/50	1360 x 768	39.6	49.9	69.0	✓	–	✓
	1366 x 768/60	1366 x 768	47.7	59.8	85.5	✓	–	✓
	1400 x 1050/50	1400 x 1050	54.1	50.0	99.9	✓	✓	✓
	1400 x 1050/60	1400 x 1050	65.2	60.0	122.6	✓	✓	✓
	1440 x 900/50	1440 x 900	46.3	49.9	86.8	✓	–	✓
	1440 x 900/60	1440 x 900	55.9	59.9	106.5	✓	–	✓
	1600 x 900/50	1600 x 900	46.4	49.9	96.5	✓	✓	✓
	1600 x 900/60	1600 x 900	55.9	60.0	119.0	✓	✓	✓
	1600 x 1200/50	1600 x 1200	61.8	49.9	131.5	✓	✓	✓
	1600 x 1200/60	1600 x 1200	75.0	60.0	162.0	✓	✓	✓
	1680 x 1050/50	1680 x 1050	54.1	50.0	119.5	✓	–	✓
	1680 x 1050/60	1680 x 1050	65.3	60.0	146.3	✓	–	✓
	1920 x 1080/240	1920 x 1080	291.6	240.0	583.2	✓	✓	–
	1920 x 1200/50	1920 x 1200	61.8	49.9	158.3	✓	✓	✓
	1920 x 1200/60RB	1920 x 1200[4]	74.0	60.0	154.0	✓	✓	✓
	2560 x 1440/50	2560 x 1440	74.1	50.0	256.3	✓	✓	✓
	2560 x 1440/60	2560 x 1440[4]	88.8	60.0	241.5	✓	✓	✓
	2560 x 1600/50	2560 x 1600	82.4	50.0	286.0	✓	✓	✓

Signal Type	Signal name (SIGNAL FORMAT)	Resolution (Dots)	Scanning freq.		Dot clock freq. (MHz)	Compatible signal		
			Horizontal (kHz)	Vertical (Hz)		HDMI™	DisplayPort	DIGITAL LINK[1]
C	2560 x 1600/60	2560 x 1600[4]	98.7	60.0	268.5	✓	✓	✓
	3440 x 1440/50	3440 x 1440[4]	73.7	50.0	259.4	✓	✓	–
	3440 x 1440/60	3440 x 1440[4]	88.9	60.0	312.8	✓	✓	–
	3840 x 2400/30	3840 x 2400[4]	73.0	30.0	286.2	✓	✓	✓
	3840 x 2400/50	3840 x 2400[4]	122.9	50.0	481.6	✓	✓	–
	3840 x 2400/60	3840 x 2400[4]	148.1	60.0	592.5	✓	✓	–

1 Requires TY-SB01DL Interface Board for DIGITAL LINK.
2 The signal with 1/1.001x vertical scanning frequency is also supported.
3 YP_BP_R 4:2:0 format only
4 VESA CVT-RB (Reduced Blanking)-compliant

Note

- A signal with a different resolution, including SDI signal, is displayed converted to the number of display dots. The number of display dots is as follows.
  - When the [QUAD PIXEL DRIVE] is set to [ON]: 3840 x 2400
  - When the [QUAD PIXEL DRIVE] is set to [OFF]: 1920 x 1200
- The "i" at the end of the resolution indicates an interlaced signal.
- When interlaced signals are connected, flickering may occur on the projected image.

List of Plug and play compatible signals

The following table specifies the video signals compatible with plug and play.

Signal with ✓ in the plug and play compatible signal column is the signal described in the EDID (extended display identification data) of the projector.

For the signal without ✓ in the plug and play compatible signal column, the resolution may not be selected on the computer even if the projector is supporting it.

Signal name (SIGNAL FORMAT)	Resolution (Dots)	Scanning freq.		Dot clock freq. (MHz)	Plug and play compatible signal								
		Horizontal (kHz)	Vertical (Hz)		HDMI™			DisplayPort			DIGITAL LINK[1]		
					4K/60p[2]	4K/30p	2K	4K/60p[2]	4K/30p	2K	4K/60p	4K/30p[3]	2K
480/60p	720 x 480	31.5	59.9	27.0	✓	✓	✓	–	–	–	✓	✓	✓
576/50p	720 x 576	31.3	50.0	27.0	✓	✓	✓	–	–	–	✓	✓	✓
720/60p	1280 x 720	45.0	60.0[4]	74.3	✓	✓	✓	✓	✓	✓	✓	✓	✓
720/50p	1280 x 720	37.5	50.0	74.3	✓	✓	✓	✓	✓	✓	✓	✓	✓
720/120p	1280 x 720	90.0	120.0[4]	148.5	–	–	–	–	–	–	–	–	–
1080/60i	1920 x 1080i	33.8	60.0[4]	74.3	✓	✓	✓	–	–	–	✓	✓	✓
1080/50i	1920 x 1080i	28.1	50.0	74.3	✓	✓	✓	–	–	–	✓	✓	✓
1080/24p	1920 x 1080	27.0	24.0[4]	74.3	✓	✓	✓	✓	✓	✓	✓	✓	✓
1080/24sF	1920 x 1080i	27.0	48.0[4]	74.3	–	–	–	–	–	–	–	–	–
1080/25p	1920 x 1080	28.1	25.0	74.3	✓	✓	✓	✓	✓	✓	✓	✓	✓
1080/30p	1920 x 1080	33.8	30.0[4]	74.3	✓	✓	✓	✓	✓	✓	✓	✓	✓
1080/60p	1920 x 1080	67.5	60.0[4]	148.5	✓	✓	✓	✓	✓	✓	✓	✓	✓
1080/50p	1920 x 1080	56.3	50.0	148.5	✓	✓	✓	✓	✓	✓	✓	✓	✓
1080/120p	1920 x 1080	135.0	120.0[4]	297.0	✓	✓	–	✓	✓	–	✓	✓	–
2K/24p	2048 x 1080	27.0	24.0[4]	74.3	–	–	–	–	–	–	–	–	–
2K/25p	2048 x 1080	28.1	25.0	74.3	–	–	–	–	–	–	–	–	–
2K/30p	2048 x 1080	33.8	30.0[4]	74.3	–	–	–	–	–	–	–	–	–
2K/48p	2048 x 1080	54.0	48.0[4]	148.5	–	–	–	–	–	–	–	–	–
2K/60p	2048 x 1080	67.5	60.0[4]	148.5	–	–	–	–	–	–	–	–	–
2K/50p	2048 x 1080	56.3	50.0	148.5	–	–	–	–	–	–	–	–	–
2560 x 1080/60p	2560 x 1080	66.0	60.0[4]	198.0	✓	✓	–	✓	✓	–	✓	✓	–
2560 x 1080/50p	2560 x 1080	56.3	50.0	185.6	✓	✓	–	✓	✓	–	✓	✓	–
3840 x 2160/24p	3840 x 2160	54.0	24.0[4]	297.0	✓	✓	–	✓	✓	–	✓	✓	–
3840 x 2160/25p	3840 x 2160	56.3	25.0	297.0	✓	✓	–	✓	✓	–	✓	✓	–
3840 x 2160/30p	3840 x 2160	67.5	30.0[4]	297.0	✓	✓	–	✓	✓	–	✓	✓	–
3840 x 2160/60p	3840 x 2160	135.0	60.0[4]	297.0	✓[5]	–	–	–	–	–	✓[5]	–	–
	3840 x 2160	135.0	60.0[4]	594.0	✓	–	–	✓	–	–	–	–	–
3840 x 2160/50p	3840 x 2160	112.5	50.0	297.0	✓[5]	–	–	–	–	–	✓[5]	–	–
	3840 x 2160	112.5	50.0	594.0	✓	–	–	✓	–	–	–	–	–
4096 x 2160/24p	4096 x 2160	54.0	24.0[4]	297.0	✓	✓	–	✓	✓	–	✓	✓	–
4096 x 2160/25p	4096 x 2160	56.3	25.0	297.0	✓	✓	–	✓	✓	–	✓	✓	–
4096 x 2160/30p	4096 x 2160	67.5	30.0[4]	297.0	✓	✓	–	✓	✓	–	✓	✓	–
4096 x 2160/60p	4096 x 2160	135.0	60.0[4]	297.0	✓[5]	–	–	–	–	–	✓[5]	–	–
	4096 x 2160	135.0	60.0[4]	594.0	✓	–	–	✓	–	–	–	–	–
4096 x 2160/50p	4096 x 2160	112.5	50.0	297.0	✓[5]	–	–	–	–	–	✓[5]	–	–
	4096 x 2160	112.5	50.0	594.0	✓	–	–	✓	–	–	–	–	–
640 x 480/60	640 x 480	31.5	59.9	25.2	✓	✓	✓	✓	✓	✓	✓	✓	✓
1024 x 768/50	1024 x 768	39.6	50.0	51.9	–	–	–	–	–	–	–	–	–
1024 x 768/60	1024 x 768	48.4	60.0	65.0	✓	✓	✓	✓	✓	✓	✓	✓	✓
1280 x 800/50	1280 x 800	41.3	50.0	68.0	–	–	–	–	–	–	–	–	–
1280 x 800/60	1280 x 800	49.7	59.8	83.5	–	–	–	–	–	–	–	–	–
1280 x 1024/50	1280 x 1024	52.4	50.0	88.0	–	–	–	–	–	–	–	–	–
1280 x 1024/60	1280 x 1024	64.0	60.0	108.0	–	–	–	–	–	–	–	–	–
1366 x 768/50	1360 x 768	39.6	49.9	69.0	–	–	–	–	–	–	–	–	–
1366 x 768/60	1366 x 768	47.7	59.8	85.5	–	–	–	–	–	–	–	–	–
1400 x 1050/50	1400 x 1050	54.1	50.0	99.9	–	–	–	–	–	–	–	–	–
1400 x 1050/60	1400 x 1050	65.2	60.0	122.6	✓	✓	✓	✓	✓	✓	✓	✓	✓
1440 x 900/50	1440 x 900	46.3	49.9	86.8	–	–	–	–	–	–	–	–	–
1440 x 900/60	1440 x 900	55.9	59.9	106.5	–	–	–	–	–	–	–	–	–
1600 x 900/50	1600 x 900	46.4	49.9	96.5	–	–	–	–	–	–	–	–	–
1600 x 900/60	1600 x 900	55.9	60.0	119.0	✓	✓	✓	✓	✓	✓	✓	✓	✓
1600 x 1200/50	1600 x 1200	61.8	49.9	131.5	–	–	–	–	–	–	–	–	–
1600 x 1200/60	1600 x 1200	75.0	60.0	162.0	✓	✓	✓	✓	✓	✓	✓	✓	✓
1680 x 1050/50	1680 x 1050	54.1	50.0	119.5	–	–	–	–	–	–	–	–	–
1680 x 1050/60	1680 x 1050	65.3	60.0	146.3	–	–	–	–	–	–	–	–	–
1920 x 1080/240	1920 x 1080	291.6	240.0	583.2	✓	–	–	✓	–	–	–	–	–
1920 x 1200/50	1920 x 1200	61.8	49.9	158.3	–	–	–	–	–	–	–	–	–
1920 x 1200/60RB	1920 x 1200[6]	74.0	60.0	154.0	✓	✓	✓	✓	✓	✓	✓	✓	✓
2560 x 1440/50	2560 x 1440	74.1	50.0	256.3	–	–	–	–	–	–	–	–	–
2560 x 1440/60	2560 x 1440[6]	88.8	60.0	241.5	–	–	–	–	–	–	–	–	–
2560 x 1600/50	2560 x 1600	82.4	50.0	286.0	–	–	–	–	–	–	–	–	–

Signal name (SIGNAL FORMAT)	Resolution (Dots)	Scanning freq.		Dot clock freq. (MHz)	Plug and play compatible signal								
		Horizontal (kHz)	Vertical (Hz)		HDMI™			DisplayPort			DIGITAL LINK[1]		
					4K/60p[2]	4K/30p	2K	4K/60p[2]	4K/30p	2K	4K/60p	4K/30p[3]	2K
2560 x 1600/60	2560 x 1600[6]	98.7	60.0	268.5	✓	✓	–	✓	✓	–	✓	✓	–
3440 x 1440/50	3440 x 1440[6]	73.7	50.0	259.4	–	–	–	–	–	–	–	–	–
3440 x 1440/60	3440 x 1440[6]	88.9	60.0	312.8	–	–	–	–	–	–	–	–	–
3840 x 2400/30	3840 x 2400[6]	73.0	30.0	286.2	–	–	–	–	–	–	–	–	–
3840 x 2400/50	3840 x 2400[6]	122.9	50.0	481.6	–	–	–	–	–	–	–	–	–
3840 x 2400/60	3840 x 2400[6]	148.1	60.0	592.5	✓	–	–	✓	–	–	–	–	–

1 Requires TY-SB01DL Interface Board for DIGITAL LINK.
2 4K/60p indicates 4K/60p/SDR and 4K/60p/HDR.
3 4K/30p indicates 4K/30p/SDR and 4K/30p/HDR.
4 The signal with 1/1.001x vertical scanning frequency is also supported.
5 YP_BP_R 4:2:0 format only
6 VESA CVT-RB (Reduced Blanking)-compliant

Note

- A signal with a different resolution, including SDI signal, is displayed converted to the number of display dots. The number of display dots is as follows.
  - When the [QUAD PIXEL DRIVE] is set to [ON]: 3840 x 2400
  - When the [QUAD PIXEL DRIVE] is set to [OFF]: 1920 x 1200
- The "i" at the end of the resolution indicates an interlaced signal.
- When interlaced signals are connected, flickering may occur on the projected image.

List of Single link SDI compatible signals

The following table specifies the single link SDI signals that the projector can project.

This is supported when the optional 12G-SDI Terminal Board (Model No.: TY-SB01QS) or the optional Function Board for 12G-SDI Optical (Model No.: TY-SB01FB) is installed in the slot.

- The content of the 4K division column is as follows.
  -IL: Interleave (transmission format of 2-Sample Interleave Division)
- The content of the signal type column is as follows.
  -V: Video signal

Signal Type	Signal name (SIGNAL FORMAT)	Resolution (Dots)	Scanning freq.		Dot clock freq. (MHz)	4K division	Format	Color format	Sampling
			Horizontal (kHz)	Vertical (Hz)					
V	720/60p[1]	1280 x 720	45.0	60.0[2]	74.3	–	HD-SDI	YP_BP_R	4:2:2 10bit
	720/50p[1]	1280 x 720	37.5	50.0	74.3	–	HD-SDI	YP_BP_R	4:2:2 10bit
	1080/60i	1920 x 1080i	33.8	60.0[2]	74.3	–	HD-SDI	YP_BP_R	4:2:2 10bit
		1920 x 1080i	33.8	60.0[2]	74.3	–	3G-SDI Level-A	RGB	4:4:4 10bit
		1920 x 1080i	33.8	60.0[2]	74.3	–	3G-SDI Level-B	RGB	4:4:4 10bit
		1920 x 1080i	33.8	60.0[2]	74.3	–	3G-SDI Level-A	RGB	4:4:4 12bit
		1920 x 1080i	33.8	60.0[2]	74.3	–	3G-SDI Level-B	RGB	4:4:4 12bit
	1080/50i	1920 x 1080i	28.1	50.0	74.3	–	HD-SDI	YP_BP_R	4:2:2 10bit
		1920 x 1080i	28.1	50.0	74.3	–	3G-SDI Level-A	RGB	4:4:4 10bit
		1920 x 1080i	28.1	50.0	74.3	–	3G-SDI Level-B	RGB	4:4:4 10bit
		1920 x 1080i	28.1	50.0	74.3	–	3G-SDI Level-A	RGB	4:4:4 12bit
		1920 x 1080i	28.1	50.0	74.3	–	3G-SDI Level-B	RGB	4:4:4 12bit
	1080/24p	1920 x 1080	27.0	24.0[2]	74.3	–	HD-SDI	YP_BP_R	4:2:2 10bit
		1920 x 1080	27.0	24.0[2]	74.3	–	3G-SDI Level-A	RGB	4:4:4 10bit
		1920 x 1080	27.0	24.0[2]	74.3	–	3G-SDI Level-B	RGB	4:4:4 10bit
		1920 x 1080	27.0	24.0[2]	74.3	–	3G-SDI Level-A	RGB	4:4:4 12bit
		1920 x 1080	27.0	24.0[2]	74.3	–	3G-SDI Level-B	RGB	4:4:4 12bit
	1080/24sF[1]	1920 x 1080i	27.0	48.0[2]	74.3	–	HD-SDI	YP_BP_R	4:2:2 10bit
		1920 x 1080i	27.0	48.0[2]	74.3	–	3G-SDI Level-A	RGB	4:4:4 10bit
		1920 x 1080i	27.0	48.0[2]	74.3	–	3G-SDI Level-B	RGB	4:4:4 10bit
		1920 x 1080i	27.0	48.0[2]	74.3	–	3G-SDI Level-A	RGB	4:4:4 12bit
		1920 x 1080i	27.0	48.0[2]	74.3	–	3G-SDI Level-B	RGB	4:4:4 12bit
	1080/25p	1920 x 1080	28.1	25.0	74.3	–	HD-SDI	YP_BP_R	4:2:2 10bit
		1920 x 1080	28.1	25.0	74.3	–	3G-SDI Level-A	RGB	4:4:4 10bit
		1920 x 1080	28.1	25.0	74.3	–	3G-SDI Level-B	RGB	4:4:4 10bit
		1920 x 1080	28.1	25.0	74.3	–	3G-SDI Level-A	RGB	4:4:4 12bit
		1920 x 1080	28.1	25.0	74.3	–	3G-SDI Level-B	RGB	4:4:4 12bit
	1080/30p	1920 x 1080	33.8	30.0[2]	74.3	–	HD-SDI	YP_BP_R	4:2:2 10bit
		1920 x 1080	33.8	30.0[2]	74.3	–	3G-SDI Level-A	RGB	4:4:4 10bit
		1920 x 1080	33.8	30.0[2]	74.3	–	3G-SDI Level-B	RGB	4:4:4 10bit
		1920 x 1080	33.8	30.0[2]	74.3	–	3G-SDI Level-A	RGB	4:4:4 12bit
		1920 x 1080	33.8	30.0[2]	74.3	–	3G-SDI Level-B	RGB	4:4:4 12bit
	1080/60p	1920 x 1080	67.5	60.0[2]	148.5	–	3G-SDI Level-A	YP_BP_R	4:2:2 10bit
		1920 x 1080	67.5	60.0[2]	148.5	–	3G-SDI Level-B	YP_BP_R	4:2:2 10bit
	1080/50p	1920 x 1080	56.3	50.0	148.5	–	3G-SDI Level-A	YP_BP_R	4:2:2 10bit
		1920 x 1080	56.3	50.0	148.5	–	3G-SDI Level-B	YP_BP_R	4:2:2 10bit
	2K/24p	2048 x 1080	27.0	24.0[2]	74.3	–	3G-SDI Level-A	RGB	4:4:4 10bit
		2048 x 1080	27.0	24.0[2]	74.3	–	3G-SDI Level-B	RGB	4:4:4 10bit
		2048 x 1080	27.0	24.0[2]	74.3	–	3G-SDI Level-A	RGB	4:4:4 12bit
		2048 x 1080	27.0	24.0[2]	74.3	–	3G-SDI Level-B	RGB	4:4:4 12bit
	2K/48p[1]	2048 x 1080	54.0	48.0[2]	148.5	–	3G-SDI Level-A	YP_BP_R	4:2:2 10bit
		2048 x 1080	54.0	48.0[2]	148.5	–	3G-SDI Level-B	YP_BP_R	4:2:2 10bit
	2K/25p	2048 x 1080	28.1	25.0	74.3	–	3G-SDI Level-A	RGB	4:4:4 10bit
		2048 x 1080	28.1	25.0	74.3	–	3G-SDI Level-B	RGB	4:4:4 10bit
		2048 x 1080	28.1	25.0	74.3	–	3G-SDI Level-A	RGB	4:4:4 12bit
		2048 x 1080	28.1	25.0	74.3	–	3G-SDI Level-B	RGB	4:4:4 12bit
	2K/30p	2048 x 1080	33.8	30.0[2]	74.3	–	3G-SDI Level-A	RGB	4:4:4 10bit
		2048 x 1080	33.8	30.0[2]	74.3	–	3G-SDI Level-B	RGB	4:4:4 10bit
		2048 x 1080	33.8	30.0[2]	74.3	–	3G-SDI Level-A	RGB	4:4:4 12bit
		2048 x 1080	33.8	30.0[2]	74.3	–	3G-SDI Level-B	RGB	4:4:4 12bit
	2K/60p	2048 x 1080	67.5	60.0[2]	148.5	–	3G-SDI Level-A	YP_BP_R	4:2:2 10bit
		2048 x 1080	67.5	60.0[2]	148.5	–	3G-SDI Level-B	YP_BP_R	4:2:2 10bit
	2K/50p	2048 x 1080	56.3	50.0	148.5	–	3G-SDI Level-A	YP_BP_R	4:2:2 10bit
		2048 x 1080	56.3	50.0	148.5	–	3G-SDI Level-B	YP_BP_R	4:2:2 10bit
	3840 x 2160/24p	3840 x 2160	54.0	24.0[2]	297.0	IL	12G-SDI Type 1	YP_BP_R	4:2:2 12bit
		3840 x 2160	54.0	24.0[2]	297.0	IL	12G-SDI Type 1	YP_BP_R	4:4:4 10bit
		3840 x 2160	54.0	24.0[2]	297.0	IL	12G-SDI Type 1	YP_BP_R	4:4:4 12bit
		3840 x 2160	54.0	24.0[2]	297.0	IL	12G-SDI Type 1	RGB	4:4:4 10bit
		3840 x 2160	54.0	24.0[2]	297.0	IL	12G-SDI Type 1	RGB	4:4:4 12bit

Signal Type	Signal name (SIGNAL FORMAT)	Resolution (Dots)	Scanning freq.		Dot clock freq. (MHz)	4K division	Format	Color format	Sampling
			Horizontal (kHz)	Vertical (Hz)					
V	3840 x 2160/25p	3840 x 2160	56.3	25.0	297.0	IL	12G-SDI Type 1	YP_BP_R	4:2:2 12bit
		3840 x 2160	56.3	25.0	297.0	IL	12G-SDI Type 1	YP_BP_R	4:4:4 10bit
		3840 x 2160	56.3	25.0	297.0	IL	12G-SDI Type 1	YP_BP_R	4:4:4 12bit
		3840 x 2160	56.3	25.0	297.0	IL	12G-SDI Type 1	RGB	4:4:4 10bit
		3840 x 2160	56.3	25.0	297.0	IL	12G-SDI Type 1	RGB	4:4:4 12bit
	3840 x 2160/30p	3840 x 2160	67.5	30.0[2]	297.0	IL	12G-SDI Type 1	YP_BP_R	4:2:2 12bit
		3840 x 2160	67.5	30.0[2]	297.0	IL	12G-SDI Type 1	YP_BP_R	4:4:4 10bit
		3840 x 2160	67.5	30.0[2]	297.0	IL	12G-SDI Type 1	YP_BP_R	4:4:4 12bit
		3840 x 2160	67.5	30.0[2]	297.0	IL	12G-SDI Type 1	RGB	4:4:4 10bit
		3840 x 2160	67.5	30.0[2]	297.0	IL	12G-SDI Type 1	RGB	4:4:4 12bit
	3840 x 2160/60p	3840 x 2160	135.0	60.0[2]	594.0	IL	12G-SDI Type 1	YP_BP_R	4:2:2 10bit
	3840 x 2160/50p	3840 x 2160	112.5	50.0	594.0	IL	12G-SDI Type 1	YP_BP_R	4:2:2 10bit
	4096 x 2160/24p	4096 x 2160	54.0	24.0[2]	297.0	IL	12G-SDI Type 1	YP_BP_R	4:2:2 12bit
		4096 x 2160	54.0	24.0[2]	297.0	IL	12G-SDI Type 1	YP_BP_R	4:4:4 10bit
		4096 x 2160	54.0	24.0[2]	297.0	IL	12G-SDI Type 1	YP_BP_R	4:4:4 12bit
		4096 x 2160	54.0	24.0[2]	297.0	IL	12G-SDI Type 1	RGB	4:4:4 10bit
		4096 x 2160	54.0	24.0[2]	297.0	IL	12G-SDI Type 1	RGB	4:4:4 12bit
	4096 x 2160/25p	4096 x 2160	56.3	25.0	297.0	IL	12G-SDI Type 1	YP_BP_R	4:2:2 12bit
		4096 x 2160	56.3	25.0	297.0	IL	12G-SDI Type 1	YP_BP_R	4:4:4 10bit
		4096 x 2160	56.3	25.0	297.0	IL	12G-SDI Type 1	YP_BP_R	4:4:4 12bit
		4096 x 2160	56.3	25.0	297.0	IL	12G-SDI Type 1	RGB	4:4:4 10bit
		4096 x 2160	56.3	25.0	297.0	IL	12G-SDI Type 1	RGB	4:4:4 12bit
	4096 x 2160/30p	4096 x 2160	67.5	30.0[2]	297.0	IL	12G-SDI Type 1	YP_BP_R	4:2:2 12bit
		4096 x 2160	67.5	30.0[2]	297.0	IL	12G-SDI Type 1	YP_BP_R	4:4:4 10bit
		4096 x 2160	67.5	30.0[2]	297.0	IL	12G-SDI Type 1	YP_BP_R	4:4:4 12bit
		4096 x 2160	67.5	30.0[2]	297.0	IL	12G-SDI Type 1	RGB	4:4:4 10bit
		4096 x 2160	67.5	30.0[2]	297.0	IL	12G-SDI Type 1	RGB	4:4:4 12bit
	4096 x 2160/60p	4096 x 2160	135.0	60.0[2]	594.0	IL	12G-SDI Type 1	YP_BP_R	4:2:2 10bit
	4096 x 2160/50p	4096 x 2160	112.5	50.0	594.0	IL	12G-SDI Type 1	YP_BP_R	4:2:2 10bit

1 This is supported when the optional Function Board for 12G-SDI Optical (Model No.: TY-SB01FB) is installed in the slot.
2 The signal with 1/1.001x vertical scanning frequency is also supported.

List of Quad link SDI compatible signals

The following table specifies the dual signal SDI signals that the projector can project.

Requires TY-SB01QS Interface Board for 12G-SDI Input.

- The content of the 4K division column is as follows.
  -SQ: Square (transmission format of Square Division) -IL: Interleave (transmission format of 2-Sample Interleave Division)
- The content of the signal type column is as follows.
  -V: Video signal

Signal Type	Signal name (SIGNAL FORMAT)	Resolution (Dots)	Scanning freq.		Dot clock freq. (MHz)	4K division	Format	Color format	Sampling
			Horizontal (kHz)	Vertical (Hz)					
V	3840 x 2160/24p	3840 x 2160	54.0	24.0[1]	297.0	SQ	HD-SDI	YP_BP_R	4:2:2 10bit
		3840 x 2160	54.0	24.0[1]	297.0	SQ	3G-SDI Level-A	YP_BP_R	4:2:2 12bit
		3840 x 2160	54.0	24.0[1]	297.0	IL	3G-SDI Level-A	YP_BP_R	4:2:2 12bit
		3840 x 2160	54.0	24.0[1]	297.0	SQ	3G-SDI Level-B	YP_BP_R	4:2:2 12bit
		3840 x 2160	54.0	24.0[1]	297.0	IL	3G-SDI Level-B	YP_BP_R	4:2:2 12bit
		3840 x 2160	54.0	24.0[1]	297.0	SQ	3G-SDI Level-A	YP_BP_R	4:4:4 10bit
		3840 x 2160	54.0	24.0[1]	297.0	IL	3G-SDI Level-A	YP_BP_R	4:4:4 10bit
		3840 x 2160	54.0	24.0[1]	297.0	SQ	3G-SDI Level-B	YP_BP_R	4:4:4 10bit
		3840 x 2160	54.0	24.0[1]	297.0	IL	3G-SDI Level-B	YP_BP_R	4:4:4 10bit
		3840 x 2160	54.0	24.0[1]	297.0	SQ	3G-SDI Level-A	YP_BP_R	4:4:4 12bit
		3840 x 2160	54.0	24.0[1]	297.0	IL	3G-SDI Level-A	YP_BP_R	4:4:4 12bit
		3840 x 2160	54.0	24.0[1]	297.0	SQ	3G-SDI Level-B	YP_BP_R	4:4:4 12bit
		3840 x 2160	54.0	24.0[1]	297.0	IL	3G-SDI Level-B	YP_BP_R	4:4:4 12bit
		3840 x 2160	54.0	24.0[1]	297.0	SQ	3G-SDI Level-A	RGB	4:4:4 10bit
		3840 x 2160	54.0	24.0[1]	297.0	IL	3G-SDI Level-A	RGB	4:4:4 10bit
		3840 x 2160	54.0	24.0[1]	297.0	SQ	3G-SDI Level-B	RGB	4:4:4 10bit
		3840 x 2160	54.0	24.0[1]	297.0	IL	3G-SDI Level-B	RGB	4:4:4 10bit
		3840 x 2160	54.0	24.0[1]	297.0	SQ	3G-SDI Level-A	RGB	4:4:4 12bit
		3840 x 2160	54.0	24.0[1]	297.0	IL	3G-SDI Level-A	RGB	4:4:4 12bit
		3840 x 2160	54.0	24.0[1]	297.0	SQ	3G-SDI Level-B	RGB	4:4:4 12bit
		3840 x 2160	54.0	24.0[1]	297.0	IL	3G-SDI Level-B	RGB	4:4:4 12bit
	3840 x 2160/25p	3840 x 2160	56.3	25.0	297.0	SQ	HD-SDI	YP_BP_R	4:2:2 10bit
		3840 x 2160	56.3	25.0	297.0	SQ	3G-SDI Level-A	YP_BP_R	4:2:2 12bit
		3840 x 2160	56.3	25.0	297.0	IL	3G-SDI Level-A	YP_BP_R	4:2:2 12bit
		3840 x 2160	56.3	25.0	297.0	SQ	3G-SDI Level-B	YP_BP_R	4:2:2 12bit
		3840 x 2160	56.3	25.0	297.0	IL	3G-SDI Level-B	YP_BP_R	4:2:2 12bit
		3840 x 2160	56.3	25.0	297.0	SQ	3G-SDI Level-A	YP_BP_R	4:4:4 10bit
		3840 x 2160	56.3	25.0	297.0	IL	3G-SDI Level-A	YP_BP_R	4:4:4 10bit
		3840 x 2160	56.3	25.0	297.0	SQ	3G-SDI Level-B	YP_BP_R	4:4:4 10bit
		3840 x 2160	56.3	25.0	297.0	IL	3G-SDI Level-B	YP_BP_R	4:4:4 10bit
		3840 x 2160	56.3	25.0	297.0	SQ	3G-SDI Level-A	YP_BP_R	4:4:4 12bit
		3840 x 2160	56.3	25.0	297.0	IL	3G-SDI Level-A	YP_BP_R	4:4:4 12bit
		3840 x 2160	56.3	25.0	297.0	SQ	3G-SDI Level-B	YP_BP_R	4:4:4 12bit
		3840 x 2160	56.3	25.0	297.0	IL	3G-SDI Level-B	YP_BP_R	4:4:4 12bit
		3840 x 2160	56.3	25.0	297.0	SQ	3G-SDI Level-A	RGB	4:4:4 10bit
		3840 x 2160	56.3	25.0	297.0	IL	3G-SDI Level-A	RGB	4:4:4 10bit
		3840 x 2160	56.3	25.0	297.0	SQ	3G-SDI Level-B	RGB	4:4:4 10bit
		3840 x 2160	56.3	25.0	297.0	IL	3G-SDI Level-B	RGB	4:4:4 10bit
		3840 x 2160	56.3	25.0	297.0	SQ	3G-SDI Level-A	RGB	4:4:4 12bit
		3840 x 2160	56.3	25.0	297.0	IL	3G-SDI Level-A	RGB	4:4:4 12bit
		3840 x 2160	56.3	25.0	297.0	SQ	3G-SDI Level-B	RGB	4:4:4 12bit
		3840 x 2160	56.3	25.0	297.0	IL	3G-SDI Level-B	RGB	4:4:4 12bit
	3840 x 2160/30p	3840 x 2160	67.5	30.0[1]	297.0	SQ	HD-SDI	YP_BP_R	4:2:2 10bit
		3840 x 2160	67.5	30.0[1]	297.0	SQ	3G-SDI Level-A	YP_BP_R	4:2:2 12bit
		3840 x 2160	67.5	30.0[1]	297.0	IL	3G-SDI Level-A	YP_BP_R	4:2:2 12bit
		3840 x 2160	67.5	30.0[1]	297.0	SQ	3G-SDI Level-B	YP_BP_R	4:2:2 12bit
		3840 x 2160	67.5	30.0[1]	297.0	IL	3G-SDI Level-B	YP_BP_R	4:2:2 12bit
		3840 x 2160	67.5	30.0[1]	297.0	SQ	3G-SDI Level-A	YP_BP_R	4:4:4 10bit
		3840 x 2160	67.5	30.0[1]	297.0	IL	3G-SDI Level-A	YP_BP_R	4:4:4 10bit
		3840 x 2160	67.5	30.0[1]	297.0	SQ	3G-SDI Level-B	YP_BP_R	4:4:4 10bit
		3840 x 2160	67.5	30.0[1]	297.0	IL	3G-SDI Level-B	YP_BP_R	4:4:4 10bit
		3840 x 2160	67.5	30.0[1]	297.0	SQ	3G-SDI Level-A	YP_BP_R	4:4:4 12bit
		3840 x 2160	67.5	30.0[1]	297.0	IL	3G-SDI Level-A	YP_BP_R	4:4:4 12bit
		3840 x 2160	67.5	30.0[1]	297.0	SQ	3G-SDI Level-B	YP_BP_R	4:4:4 12bit
		3840 x 2160	67.5	30.0[1]	297.0	IL	3G-SDI Level-B	YP_BP_R	4:4:4 12bit
		3840 x 2160	67.5	30.0[1]	297.0	SQ	3G-SDI Level-A	RGB	4:4:4 10bit
		3840 x 2160	67.5	30.0[1]	297.0	IL	3G-SDI Level-A	RGB	4:4:4 10bit
		3840 x 2160	67.5	30.0[1]	297.0	SQ	3G-SDI Level-B	RGB	4:4:4 10bit
		3840 x 2160	67.5	30.0[1]	297.0	IL	3G-SDI Level-B	RGB	4:4:4 10bit
		3840 x 2160	67.5	30.0[1]	297.0	SQ	3G-SDI Level-A	RGB	4:4:4 12bit

Signal Type	Signal name (SIGNAL FORMAT)	Resolution (Dots)	Scanning freq.		Dot clock freq. (MHz)	4K division	Format	Color format	Sampling
			Horizontal (kHz)	Vertical (Hz)					
V	3840 x 2160/30p	3840 x 2160	67.5	30.0[1]	297.0	IL	3G-SDI Level-A	RGB	4:4:4 12bit
		3840 x 2160	67.5	30.0[1]	297.0	SQ	3G-SDI Level-B	RGB	4:4:4 12bit
		3840 x 2160	67.5	30.0[1]	297.0	IL	3G-SDI Level-B	RGB	4:4:4 12bit
	3840 x 2160/60p	3840 x 2160	135.0	60.0[1]	594.0	SQ	3G-SDI Level-A	YP_BP_R	4:2:2 10bit
		3840 x 2160	135.0	60.0[1]	594.0	IL	3G-SDI Level-A	YP_BP_R	4:2:2 10bit
		3840 x 2160	135.0	60.0[1]	594.0	SQ	3G-SDI Level-B	YP_BP_R	4:2:2 10bit
		3840 x 2160	135.0	60.0[1]	594.0	IL	3G-SDI Level-B	YP_BP_R	4:2:2 10bit
	3840 x 2160/50p	3840 x 2160	112.5	50.0	594.0	SQ	3G-SDI Level-A	YP_BP_R	4:2:2 10bit
		3840 x 2160	112.5	50.0	594.0	IL	3G-SDI Level-A	YP_BP_R	4:2:2 10bit
		3840 x 2160	112.5	50.0	594.0	SQ	3G-SDI Level-B	YP_BP_R	4:2:2 10bit
		3840 x 2160	112.5	50.0	594.0	IL	3G-SDI Level-B	YP_BP_R	4:2:2 10bit
	4096 x 2160/24p	4096 x 2160	54.0	24.0[1]	297.0	SQ	HD-SDI	YP_BP_R	4:2:2 10bit
		4096 x 2160	54.0	24.0[1]	297.0	SQ	3G-SDI Level-A	YP_BP_R	4:2:2 12bit
		4096 x 2160	54.0	24.0[1]	297.0	IL	3G-SDI Level-A	YP_BP_R	4:2:2 12bit
		4096 x 2160	54.0	24.0[1]	297.0	SQ	3G-SDI Level-B	YP_BP_R	4:2:2 12bit
		4096 x 2160	54.0	24.0[1]	297.0	IL	3G-SDI Level-B	YP_BP_R	4:2:2 12bit
		4096 x 2160	54.0	24.0[1]	297.0	SQ	3G-SDI Level-A	YP_BP_R	4:4:4 10bit
		4096 x 2160	54.0	24.0[1]	297.0	IL	3G-SDI Level-A	YP_BP_R	4:4:4 10bit
		4096 x 2160	54.0	24.0[1]	297.0	SQ	3G-SDI Level-B	YP_BP_R	4:4:4 10bit
		4096 x 2160	54.0	24.0[1]	297.0	IL	3G-SDI Level-B	YP_BP_R	4:4:4 10bit
		4096 x 2160	54.0	24.0[1]	297.0	SQ	3G-SDI Level-A	YP_BP_R	4:4:4 12bit
		4096 x 2160	54.0	24.0[1]	297.0	IL	3G-SDI Level-A	YP_BP_R	4:4:4 12bit
		4096 x 2160	54.0	24.0[1]	297.0	SQ	3G-SDI Level-B	YP_BP_R	4:4:4 12bit
		4096 x 2160	54.0	24.0[1]	297.0	IL	3G-SDI Level-B	YP_BP_R	4:4:4 12bit
		4096 x 2160	54.0	24.0[1]	297.0	SQ	3G-SDI Level-A	RGB	4:4:4 10bit
		4096 x 2160	54.0	24.0[1]	297.0	IL	3G-SDI Level-A	RGB	4:4:4 10bit
		4096 x 2160	54.0	24.0[1]	297.0	SQ	3G-SDI Level-B	RGB	4:4:4 10bit
		4096 x 2160	54.0	24.0[1]	297.0	IL	3G-SDI Level-B	RGB	4:4:4 10bit
		4096 x 2160	54.0	24.0[1]	297.0	SQ	3G-SDI Level-A	RGB	4:4:4 12bit
		4096 x 2160	54.0	24.0[1]	297.0	IL	3G-SDI Level-A	RGB	4:4:4 12bit
		4096 x 2160	54.0	24.0[1]	297.0	SQ	3G-SDI Level-B	RGB	4:4:4 12bit
		4096 x 2160	54.0	24.0[1]	297.0	IL	3G-SDI Level-B	RGB	4:4:4 12bit
	4096 x 2160/25p	4096 x 2160	56.3	25.0	297.0	SQ	HD-SDI	YP_BP_R	4:2:2 10bit
		4096 x 2160	56.3	25.0	297.0	SQ	3G-SDI Level-A	YP_BP_R	4:2:2 12bit
		4096 x 2160	56.3	25.0	297.0	IL	3G-SDI Level-A	YP_BP_R	4:2:2 12bit
		4096 x 2160	56.3	25.0	297.0	SQ	3G-SDI Level-B	YP_BP_R	4:2:2 12bit
		4096 x 2160	56.3	25.0	297.0	IL	3G-SDI Level-B	YP_BP_R	4:2:2 12bit
		4096 x 2160	56.3	25.0	297.0	SQ	3G-SDI Level-A	YP_BP_R	4:4:4 10bit
		4096 x 2160	56.3	25.0	297.0	IL	3G-SDI Level-A	YP_BP_R	4:4:4 10bit
		4096 x 2160	56.3	25.0	297.0	SQ	3G-SDI Level-B	YP_BP_R	4:4:4 10bit
		4096 x 2160	56.3	25.0	297.0	IL	3G-SDI Level-B	YP_BP_R	4:4:4 10bit
		4096 x 2160	56.3	25.0	297.0	SQ	3G-SDI Level-A	YP_BP_R	4:4:4 12bit
		4096 x 2160	56.3	25.0	297.0	IL	3G-SDI Level-A	YP_BP_R	4:4:4 12bit
		4096 x 2160	56.3	25.0	297.0	SQ	3G-SDI Level-B	YP_BP_R	4:4:4 12bit
		4096 x 2160	56.3	25.0	297.0	IL	3G-SDI Level-B	YP_BP_R	4:4:4 12bit
		4096 x 2160	56.3	25.0	297.0	SQ	3G-SDI Level-A	RGB	4:4:4 10bit
		4096 x 2160	56.3	25.0	297.0	IL	3G-SDI Level-A	RGB	4:4:4 10bit
		4096 x 2160	56.3	25.0	297.0	SQ	3G-SDI Level-B	RGB	4:4:4 10bit
		4096 x 2160	56.3	25.0	297.0	IL	3G-SDI Level-B	RGB	4:4:4 10bit
		4096 x 2160	56.3	25.0	297.0	SQ	3G-SDI Level-A	RGB	4:4:4 12bit
		4096 x 2160	56.3	25.0	297.0	IL	3G-SDI Level-A	RGB	4:4:4 12bit
		4096 x 2160	56.3	25.0	297.0	SQ	3G-SDI Level-B	RGB	4:4:4 12bit
		4096 x 2160	56.3	25.0	297.0	IL	3G-SDI Level-B	RGB	4:4:4 12bit
	4096 x 2160/30p	4096 x 2160	67.5	30.0[1]	297.0	SQ	HD-SDI	YP_BP_R	4:2:2 10bit
		4096 x 2160	67.5	30.0[1]	297.0	SQ	3G-SDI Level-A	YP_BP_R	4:2:2 12bit
		4096 x 2160	67.5	30.0[1]	297.0	IL	3G-SDI Level-A	YP_BP_R	4:2:2 12bit
		4096 x 2160	67.5	30.0[1]	297.0	SQ	3G-SDI Level-B	YP_BP_R	4:2:2 12bit
		4096 x 2160	67.5	30.0[1]	297.0	IL	3G-SDI Level-B	YP_BP_R	4:2:2 12bit
		4096 x 2160	67.5	30.0[1]	297.0	SQ	3G-SDI Level-A	YP_BP_R	4:4:4 10bit
		4096 x 2160	67.5	30.0[1]	297.0	IL	3G-SDI Level-A	YP_BP_R	4:4:4 10bit
		4096 x 2160	67.5	30.0[1]	297.0	SQ	3G-SDI Level-B	YP_BP_R	4:4:4 10bit
		4096 x 2160	67.5	30.0[1]	297.0	IL	3G-SDI Level-B	YP_BP_R	4:4:4 10bit
		4096 x 2160	67.5	30.0[1]	297.0	SQ	3G-SDI Level-A	YP_BP_R	4:4:4 12bit
		4096 x 2160	67.5	30.0[1]	297.0	IL	3G-SDI Level-A	YP_BP_R	4:4:4 12bit
		4096 x 2160	67.5	30.0[1]	297.0	SQ	3G-SDI Level-B	YP_BP_R	4:4:4 12bit
		4096 x 2160	67.5	30.0[1]	297.0	IL	3G-SDI Level-B	YP_BP_R	4:4:4 12bit
		4096 x 2160	67.5	30.0[1]	297.0	SQ	3G-SDI Level-A	RGB	4:4:4 10bit
		4096 x 2160	67.5	30.0[1]	297.0	IL	3G-SDI Level-A	RGB	4:4:4 10bit

Signal Type	Signal name (SIGNAL FORMAT)	Resolution (Dots)	Scanning freq.		Dot clock freq. (MHz)	4K division	Format	Color format	Sampling
			Horizontal (kHz)	Vertical (Hz)					
V	4096 x 2160/30p	4096 x 2160	67.5	30.0[1]	297.0	SQ	3G-SDI Level-B	RGB	4:4:4 10bit
		4096 x 2160	67.5	30.0[1]	297.0	IL	3G-SDI Level-B	RGB	4:4:4 10bit
		4096 x 2160	67.5	30.0[1]	297.0	SQ	3G-SDI Level-A	RGB	4:4:4 12bit
		4096 x 2160	67.5	30.0[1]	297.0	IL	3G-SDI Level-A	RGB	4:4:4 12bit
		4096 x 2160	67.5	30.0[1]	297.0	SQ	3G-SDI Level-B	RGB	4:4:4 12bit
		4096 x 2160	67.5	30.0[1]	297.0	IL	3G-SDI Level-B	RGB	4:4:4 12bit
	4096 x 2160/60p	4096 x 2160	135.0	60.0[1]	594.0	SQ	3G-SDI Level-A	YP_BP_R	4:2:2 10bit
		4096 x 2160	135.0	60.0[1]	594.0	IL	3G-SDI Level-A	YP_BP_R	4:2:2 10bit
		4096 x 2160	135.0	60.0[1]	594.0	SQ	3G-SDI Level-B	YP_BP_R	4:2:2 10bit
		4096 x 2160	135.0	60.0[1]	594.0	IL	3G-SDI Level-B	YP_BP_R	4:2:2 10bit
	4096 x 2160/50p	4096 x 2160	112.5	50.0	594.0	SQ	3G-SDI Level-A	YP_BP_R	4:2:2 10bit
		4096 x 2160	112.5	50.0	594.0	IL	3G-SDI Level-A	YP_BP_R	4:2:2 10bit
		4096 x 2160	112.5	50.0	594.0	SQ	3G-SDI Level-B	YP_BP_R	4:2:2 10bit
		4096 x 2160	112.5	50.0	594.0	IL	3G-SDI Level-B	YP_BP_R	4:2:2 10bit

1 The signal with 1/1.001x vertical scanning frequency is also supported.