

## Specifications

## Main unit

|                                                           |                                               |            |                                                                                                                                                                                          |
|-----------------------------------------------------------|-----------------------------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power supply                                              |                                               |            | AC 100V-240V, 50Hz/60Hz                                                                                                                                                                  |
| Power consumption <sup>1</sup>                            | Maximum power consumption                     |            | 730 W (7.7A-3.2A) (740VA)<br>(The power consumption is 700W at 200-240V) <sup>2</sup>                                                                                                    |
|                                                           | On-mode power consumption<br>(Operating mode) | [Normal]   | 570 W (100-120V)<br>540 W (200-240V)                                                                                                                                                     |
|                                                           |                                               | [Eco]      | 440 W (100-120V)<br>425 W (200-240V)                                                                                                                                                     |
|                                                           |                                               | [QUIET]    | 435 W (100-120V)<br>420 W (200-240V)                                                                                                                                                     |
|                                                           | Standby mode power consumption                | [Normal]   | 12 W                                                                                                                                                                                     |
| [Eco]                                                     |                                               | 0.5 W      |                                                                                                                                                                                          |
| BTU value                                                 |                                               |            | Max 2,491 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                                              |                                               |            | 120 Hz Refresh rate varies depending on scanning frequency.                                                                                                                              |
| Light source                                              |                                               |            | Laser diode                                                                                                                                                                              |
| Light output <sup>1</sup>                                 | Operation mode                                | [Normal]   | 8,000 lm/8,200 lm (Center) <sup>3</sup>                                                                                                                                                  |
|                                                           |                                               | [Eco]      | 6,400 lm                                                                                                                                                                                 |
|                                                           |                                               | [QUIET]    | 6,400 lm                                                                                                                                                                                 |
| Time until light output declines to 50% <sup>4</sup>      | Operation mode                                | [Normal]   | 20,000 hours                                                                                                                                                                             |
|                                                           |                                               | [Eco]      | 24,000 hours                                                                                                                                                                             |
|                                                           |                                               | [QUIET]    | 20,000 hours                                                                                                                                                                             |
| Resolution                                                |                                               |            | WUXGA (1920 x 1200 dots)                                                                                                                                                                 |
| Contrast ratio <sup>1</sup>                               |                                               |            | 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 <sup>1</sup>                  |                                               |            | 90%                                                                                                                                                                                      |
| Lens                                                      | PT-REZ80B/REZ80W                              |            | Powered zoom/focus lenses (TR:1.36-2.10:1), F-number (1.84-2.31)                                                                                                                         |
|                                                           | PT-REZ80LB/REZ80LW                            |            | Optional powered zoom (excluding ET-C1U200) / powered focus lenses                                                                                                                       |
| Lens shift<br>(From the origin point of the lens mounter) |                                               | Vertical   | (Max) ±60% (with ET-C1W400, ET-C1W500, ET-C1S600, ET-C1T700, ET-C1T800) (powered)<br>(Max) ±50% (with ET-C1U100, ET-C1W300) (powered)<br>(Max) +78--+88% (with ET-C1U200) (powered)      |
|                                                           |                                               | Horizontal | (Max) ±29% (with ET-C1W400, ET-C1W500, ET-C1S600, ET-C1T700, ET-C1T800) (powered)<br>(Max) ±23% (with ET-C1U100, ET-C1W300) (powered)<br>(Max) ±9% (with ET-C1U200) (powered)            |
| 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<br>Still image signal resolution: 640 x 480 to 3840 x 2400 (non-interlace)<br>Dot clock frequency: 25 MHz to 594 MHz |
|                                                           | DisplayPort signal input                      |            | Moving image signal resolution: 720/60p to 4096 x 2160/60p<br>Still image signal resolution: 640 x 480 to 3840 x 2400 (non-interlace)<br>Dot clock frequency: 25 MHz to 594 MHz          |
|                                                           | DIGITAL LINK <sup>5</sup> signal input        |            | Moving image signal resolution: 480/60p, 576/50p to 4096 x 2160/60p<br>Still image signal resolution: 640 x 480 to 3840 x 2400 (non-interlace)<br>Dot clock frequency: 25 MHz to 297 MHz |
|                                                           | SDI <sup>6</sup> signal input                 |            | HD-SDI signal<br>3G-SDI signal<br>12G-SDI signal                                                                                                                                         |
| Terminals                                                 | <HDMI™ 1 IN><br><HDMI™ 2 IN>                  |            | HDMI™ x 2<br>Deep Color, compatible with HDCP2.3, 4K/60p signal <sup>7</sup>                                                                                                             |
|                                                           | <DisplayPort IN>                              |            | DisplayPort x 1<br>Deep Color, compatible with HDCP 2.3, 4K/60p signal <sup>7</sup>                                                                                                      |
|                                                           | <MULTI SYNC IN>                               |            | BNC x 1<br>TTL high impedance                                                                                                                                                            |
|                                                           | <MULTI SYNC OUT>                              |            | BNC x 1<br>TTL output: Maximum 10 mA                                                                                                                                                     |
|                                                           | <SERIAL IN>                                   |            | D-sub 9-pin (female) x 1<br>for external control (RS-232C compliant)                                                                                                                     |
|                                                           | <SERIAL OUT>                                  |            | D-sub 9-pin (male) x 1<br>for link control (RS-232C compliant)                                                                                                                           |

|                                           |                       |                    |                                                                                                            |
|-------------------------------------------|-----------------------|--------------------|------------------------------------------------------------------------------------------------------------|
| Terminals                                 | <REMOTE 1 IN>         |                    | M3 stereo mini-jack x 1<br>for wired remote control                                                        |
|                                           | <REMOTE 1 OUT>        |                    | M3 stereo mini-jack x 1<br>for link control (for wired remote control)                                     |
|                                           | <REMOTE 2 IN>         |                    | D-sub 9-pin (female) x 1<br>for external control (parallel)                                                |
|                                           | <LAN>                 |                    | RJ-45 x 1<br>for network connection, PJLink™ (class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible |
|                                           | <USB>                 |                    | USB connector (Type A) x 1<br>for optional AJ-WM50 Series Wireless Module/USB memory stick                 |
|                                           | <DC OUT>              |                    | USB connector (Type A) x 1<br>for power supply, DC 5 V, total of 2 A                                       |
|                                           | <SLOT>                |                    | SLOT x 1<br>Open slot, for function boards, Intel® SDM compatible                                          |
| Supported Internet Protocol version       |                       |                    | IPv4, IPv6®                                                                                                |
| 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)<br>196 mm [7 11/16 in] (excluding feet)             |
|                                           | Depth                 | PT-REZ80B/REZ80W   | 648 mm [25 1/2 in] (excluding protrusions, including standard zoom lens)                                   |
|                                           |                       | PT-REZ80LB/REZ80LW | 538 mm [21-3/16 in] (excluding protrusions)                                                                |
| Weight <sup>9</sup>                       | PT-REZ80B/REZ80W      |                    | Approx. 28.7 kg (63.3 lbs.) (including standard zoom lens)                                                 |
|                                           | PT-REZ80LB/REZ80LW    |                    | Approx. 27.0 kg (59.5 lbs.) (excluding the optional lens)                                                  |
| Operating noise <sup>1</sup>              |                       | [Normal]           | 35 dB                                                                                                      |
|                                           |                       | [Eco]              | 35 dB                                                                                                      |
|                                           |                       | [Quiet]            | 32 dB                                                                                                      |
| Laser Classification                      | Laser Class           |                    | Class 1 (IEC/EN 60825-1:2014)<br>China: Class 3R (IEC60825-1:2007)                                         |
|                                           | Risk Group            |                    | Risk Group 2 (IEC 62471-5:2015): ET-C1U100, ET-C1W300, ET-C1W400, ET-C1W500, ET-C1S600                     |
|                                           |                       |                    | Risk Group 3 (IEC 62471-5:2015): ET-C1T700                                                                 |
| Operating environment                     | Operating temperature |                    | 0-45 °C (32-113 °F) <sup>10</sup>                                                                          |
|                                           | Operating humidity    |                    | 10-80% (no condensation)                                                                                   |
| IP rating (dust protection) <sup>11</sup> |                       |                    | 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

Multi Monitoring Control Software (for Windows)  
 Logo Transfer Software (for Windows)  
 Geometry Manager Pro (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-Focus Lens                            | 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)<br>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 (3.3-6.6:1)                                                                                                                                                         |
| 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                                                                                                                                                                     |
|                                                   | Wireless Presentation System Receiver Board | TY-SB01WP                                                                                                                                                                     |
| DIGITAL LINK Switcher                             |                                             | ET-YFB200G                                                                                                                                                                    |
| Digital Interface Box                             |                                             | ET-YFB100G                                                                                                                                                                    |
| Wireless module                                   |                                             | AJ-WM50 Series<br>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). |
| Early Warning Software                            |                                             | ET-SWA100 Series<br>Note: Part number suffix may differ depending on the license type.                                                                                        |
| NFC Upgrade Kit                                   |                                             | ET-NUK10<br>Note: Product availability may vary by country or region.                                                                                                         |
| Geometry Manager Pro Upgrade kit (preactivated)   |                                             | ET-UK20                                                                                                                                                                       |
| Auto Screen Adjustment Upgrade kit (preactivated) |                                             | ET-CUK10/CUK10P                                                                                                                                                               |
| Wireless Presentation System PressIT              |                                             | TY-WPS1 (basic set)                                                                                                                                                           |
| Media Processors                                  | Box-type                                    | ET-FMP50/ET-FMP20                                                                                                                                                             |
|                                                   | Function board-type                         | ET-SBFMP10<br>*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/m<sup>3</sup> 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.

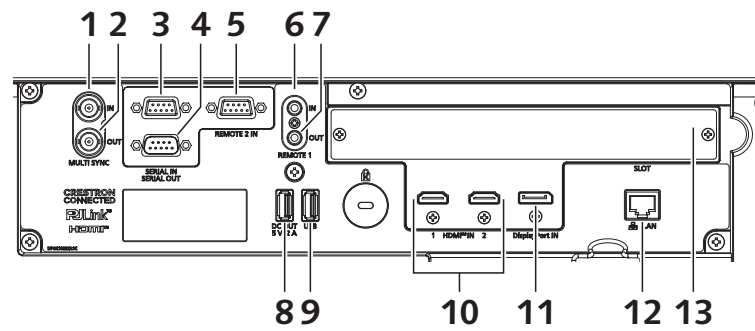
10 The operating environment temperature should be between 0°C (32°F) and 40°C (104°F) if the projector is used at an altitude between 1400m (4593ft) and 4200m (13780ft) above sea level. Note that altitude of 4200m (13780ft) above sea level is the maximum height that the performance of this projector 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.

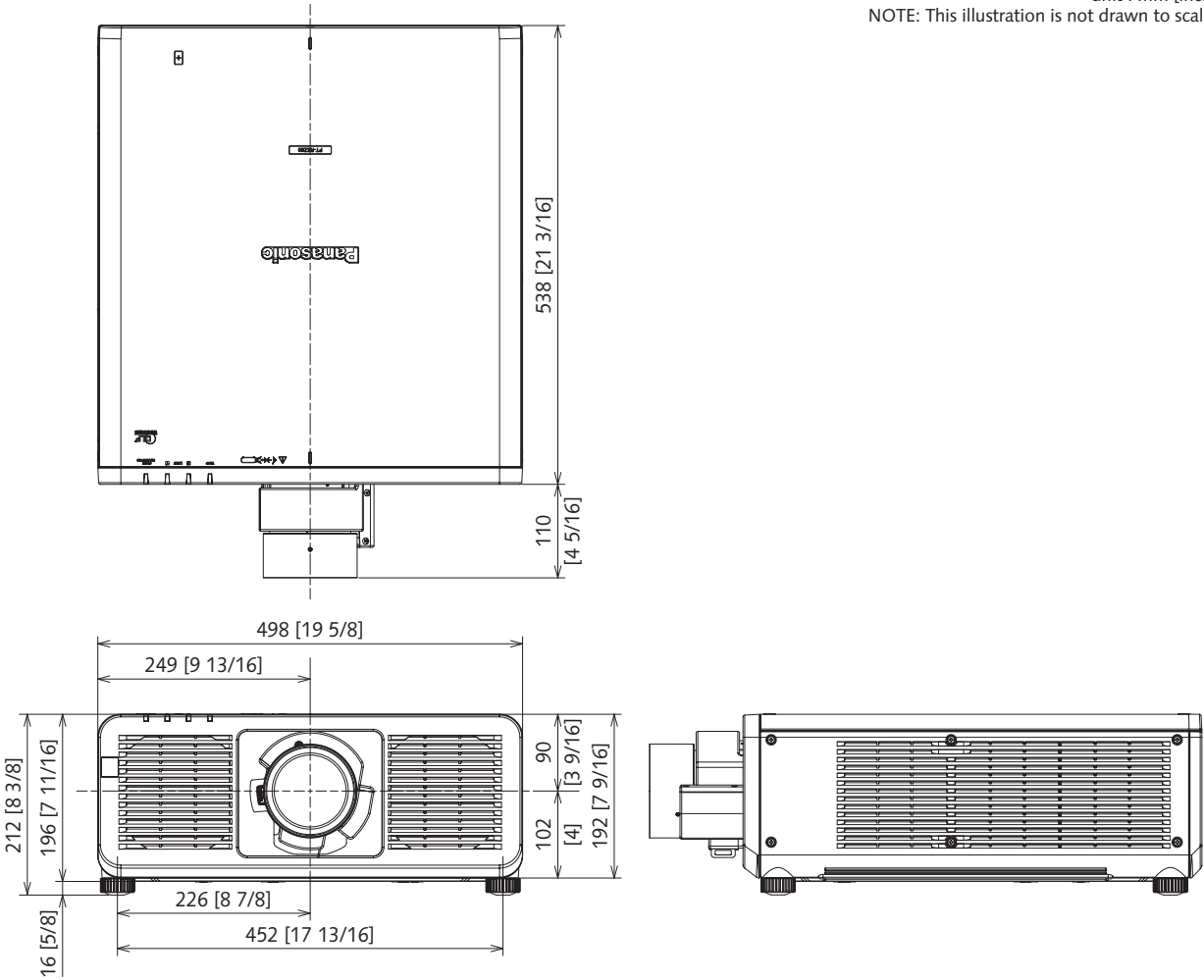
11 The measurement method and measurement conditions are based on IEC standard 60529 IP5X (dustproof type). The dustproof performance of this unit is not guaranteed to be free from damage or failure under all conditions (environment with conductive dust, etc.).

Terminals



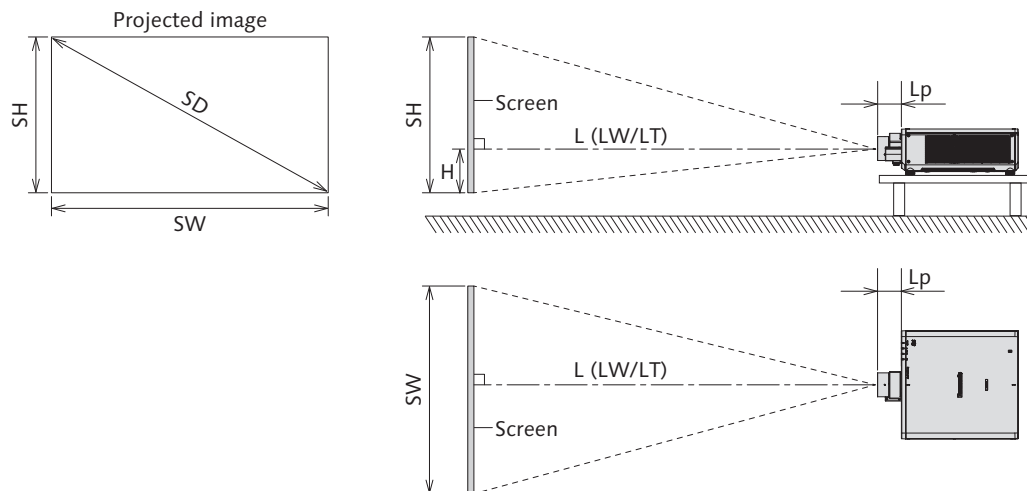
|   |                |    |                         |
|---|----------------|----|-------------------------|
| 1 | MULTI SYNC IN  | 8  | DC OUT                  |
| 2 | MULTI SYNC OUT | 9  | USB                     |
| 3 | SERIAL IN      | 10 | HDMI™ 1 IN / HDMI™ 2 IN |
| 4 | SERIAL OUT     | 11 | DisplayPort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

Dimensions



### 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-focus Lens (Model No.: 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.

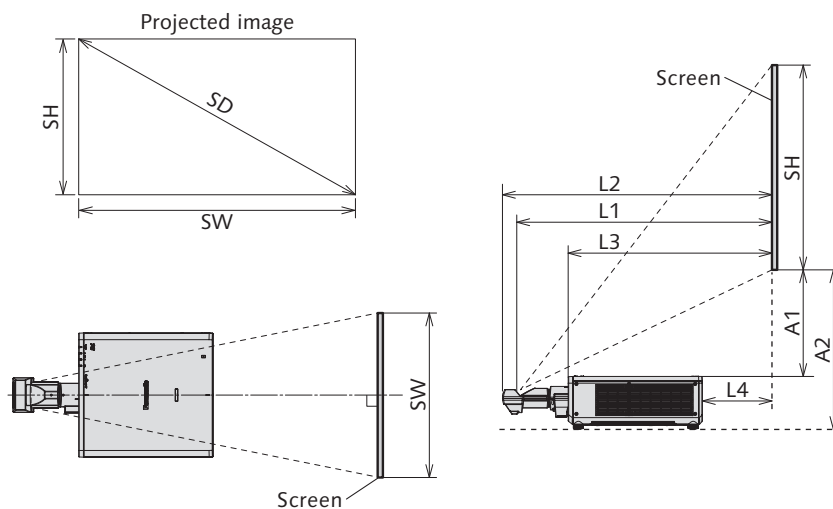
|    |                                                                                                                         |
|----|-------------------------------------------------------------------------------------------------------------------------|
| SH | Projected image height                                                                                                  |
| 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<br>(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<br>(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                                              |

### 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 fits 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<br>(from the screen to the mirror reflection surface <sup>1</sup> )                  |
| L2 | Distance from the front end of the projection lens to the screen                                         |
| L3 | Distance between the projector and the screen<br>(from the screen to the front surface of the projector) |
| L4 | Distance between the projector and the screen<br>(from the screen to the rear surface of the projector)  |
| A1 | Distance between the projector and the screen<br>(from the screen bottom edge to the projector top)      |
| A2 | Distance between the projector and the screen<br>(from the screen bottom edge to the projector bottom)   |

<sup>1</sup> The mirror reflection surface cannot be seen from the outside, because it is located inside the Fixed-focus Lens.

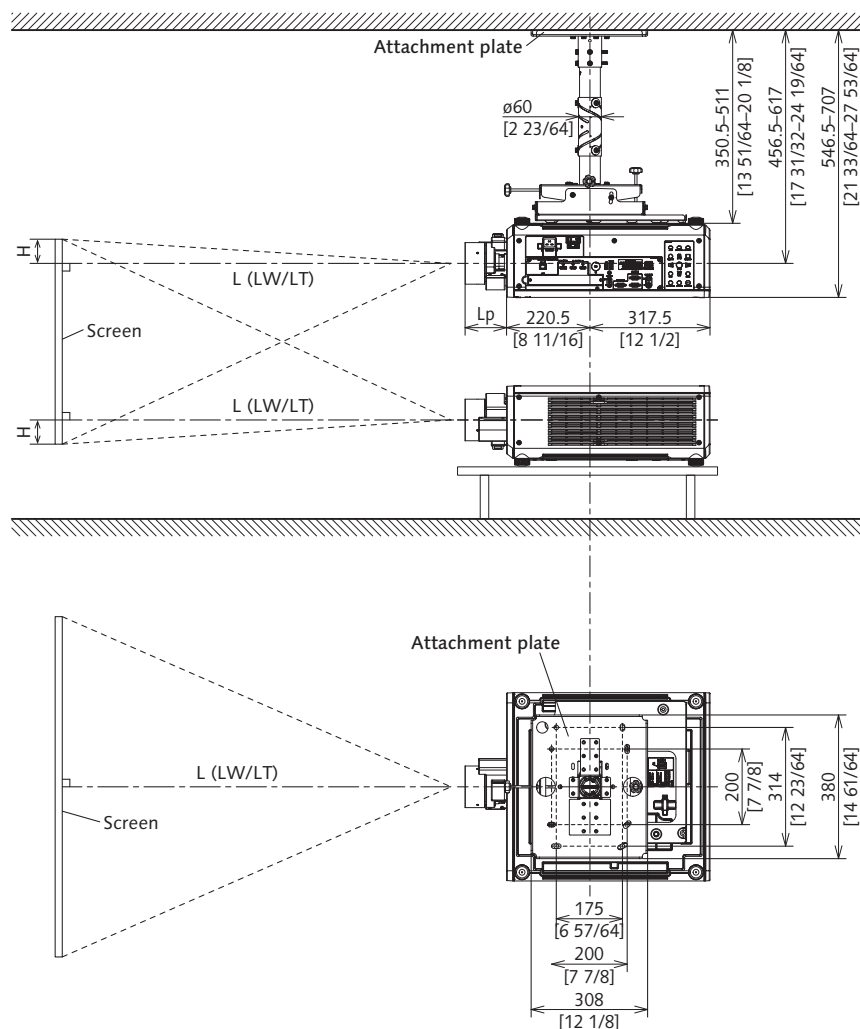
unit : m

| 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 | $= SH \times 0.28 - 0.09$  | $= SH \times 0.38 - 0.09$  |
|                                           | Screen aspect ratio 16:9  | $= SH \times 0.37 - 0.09$  | $= SH \times 0.48 - 0.09$  |
|                                           | Screen aspect ratio 4:3   | $= SH \times 0.28 - 0.09$  | $= SH \times 0.38 - 0.09$  |
|                                           | Screen aspect ratio 21:9  | $= SH \times 0.66 - 0.09$  | $= SH \times 0.80 - 0.09$  |
| A2                                        | Screen aspect ratio 16:10 | $= SH \times 0.28 + 0.122$ | $= SH \times 0.38 + 0.122$ |
|                                           | Screen aspect ratio 16:9  | $= SH \times 0.37 + 0.122$ | $= SH \times 0.48 + 0.122$ |
|                                           | Screen aspect ratio 4:3   | $= SH \times 0.28 + 0.122$ | $= SH \times 0.38 + 0.122$ |
|                                           | Screen aspect ratio 21:9  | $= SH \times 0.66 + 0.122$ | $= SH \times 0.80 + 0.122$ |

### Standard setting position

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

unit : mm [inch]



#### Caution

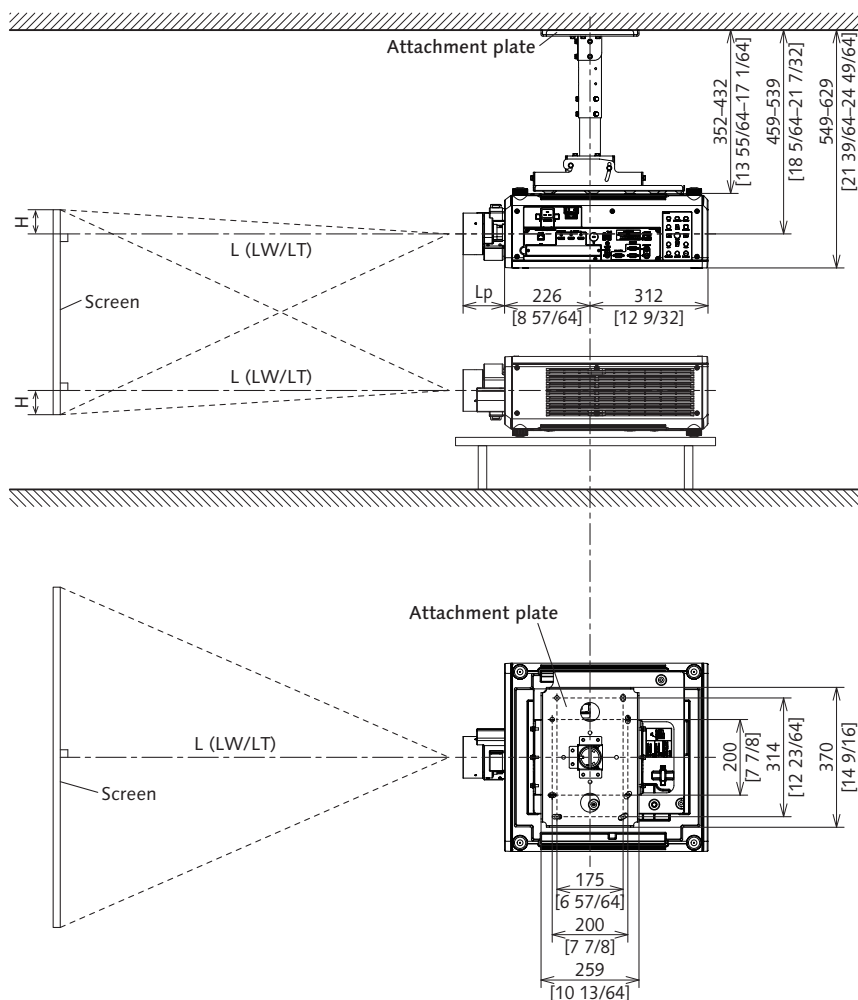
- All construction work should be done by a qualified technician.
- When mounting to the ceiling, use the special mounting bracket.  
Furthermore, in order to prevent it from falling down from the ceiling, use the supplied wire on the mounting bracket.

#### Note

- 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.

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

unit : mm [inch]



#### Caution

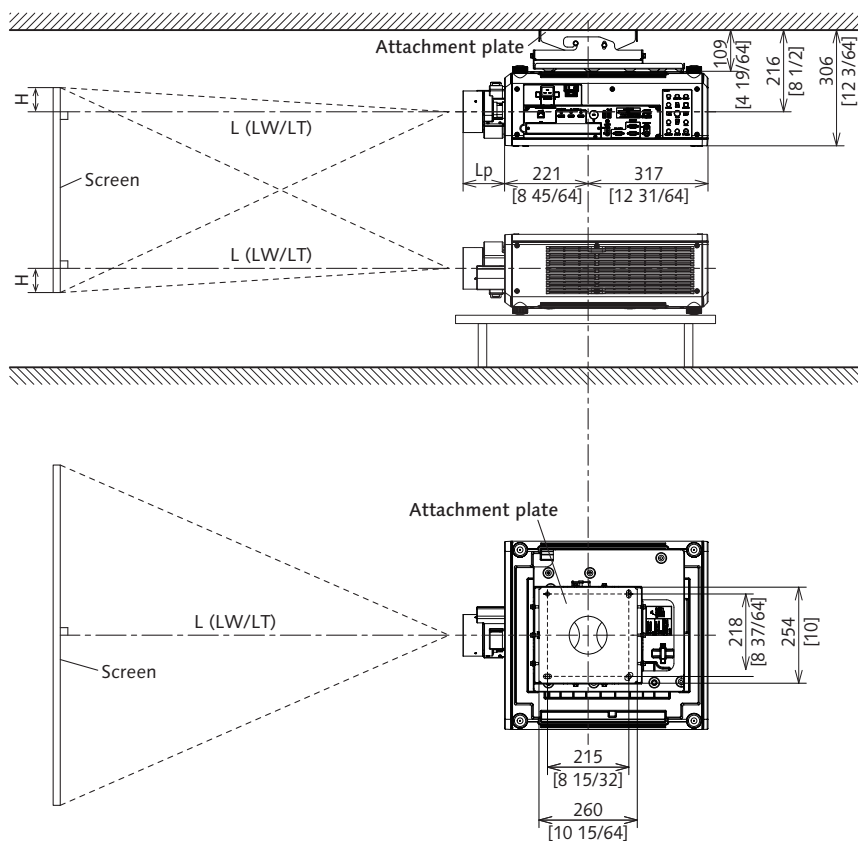
- All construction work should be done by a qualified technician.
- When mounting to the ceiling, use the special mounting bracket. Furthermore, in order to prevent it from falling down from the ceiling, use the supplied wire on the mounting bracket.

#### Note

- 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.

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

unit : mm [inch]



#### Caution

- All 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

- 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.

## 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-Focus Lens         |                            |                                          | Zoom lens              |           |                 |           |                 |           |                |           |
|---------------------------|--------|-------------|------------|--------------------------|----------------------------|------------------------------------------|------------------------|-----------|-----------------|-----------|-----------------|-----------|----------------|-----------|
| Projection lens Model No. |        |             |            | ET-C1U200                |                            |                                          | ET-C1U100 <sup>2</sup> |           | ET-C1W300       |           | ET-C1W400       |           | ET-C1W500      |           |
| Throw ratio <sup>1</sup>  |        |             |            | 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 (L1) | From rear of set to screen | From top of set to bottom edge of screen | Min. (LW)              | Max. (LT) | Min. (LW)       | Max. (LT) | Min. (LW)       | Max. (LT) | Min. (LW)      | Max. (LT) |
|                           |        |             |            |                          | (L4)                       | (A1)                                     |                        |           |                 |           |                 |           |                |           |
| 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      | 0.82                     | 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      | 0.99                     | 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      | 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      | 1.63                     | 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      | 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      | 2.43                     | 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      | 2.83                     | 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      | 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     | 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                   | 4.38      | 7.26            | 9.10      | 8.97            | 12.48     | 12.33          | 18.18     |
| 17.780                    | 700    | 9.423       | 15.077     | -                        | -                          | -                                        | 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                   | 5.85      | 9.70            | 12.15     | 11.97           | 16.65     | 16.45          | 24.25     |
| 22.860                    | 900    | 12.116      | 19.385     | -                        | -                          | -                                        | 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                   | 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/<br>ET-C1S600 |              | ET-C1T700     |              | ET-C1T800     |              | ET-C1W400<br>ET-C1W500<br>ET-C1S600<br>ET-C1T700<br>ET-C1T800 | ET-C1W300    | ET-C1U100    |
| Throw ratio <sup>1</sup>  |        |                |               | 1.36 - 2.10:1                    |              | 2.07 - 3.38:1 |              | 3.30 - 6.60:1 |              |                                                               |              |              |
| Diagonal<br>(SD)          |        | Height<br>(SH) | Width<br>(SW) | Min.<br>(LW)                     | Max.<br>(LT) | Min.<br>(LW)  | Max.<br>(LT) | Min.<br>(LW)  | Max.<br>(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         | -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        | -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        | -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        | -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        | -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        | -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        | -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        | -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        | -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        | -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        | -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        | -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        | -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       | -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       | -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       | -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       | -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-C1U100/ET-C1U200 is based on the value during projection with the projected image size of 3.810 m [150 in].

2 For 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 16:10

Unit: feet

| Lens type                 |        |             |            | Fixed-Focus Lens         |                                 |                                               | Zoom lens              |           |                 |           |                 |           |                |           |
|---------------------------|--------|-------------|------------|--------------------------|---------------------------------|-----------------------------------------------|------------------------|-----------|-----------------|-----------|-----------------|-----------|----------------|-----------|
| Projection lens Model No. |        |             |            | ET-C1U200                |                                 |                                               | ET-C1U100 <sup>2</sup> |           | ET-C1W300       |           | ET-C1W400       |           | ET-C1W500      |           |
| Throw ratio <sup>1</sup>  |        |             |            | 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 (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      | 2.70                     | 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      | 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     | 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     | 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     | 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     | 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     | 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     | 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     | 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                  | 14.36     | 23.83           | 29.87     | 29.43           | 40.93     | 40.46          | 59.64     |
| 17.780                    | 700    | 30.917      | 49.467     | -                        | -                               | -                                             | 15.64                  | 16.77     | 27.82           | 34.87     | 34.36           | 47.78     | 47.22          | 69.61     |
| 20.320                    | 800    | 35.333      | 56.533     | -                        | -                               | -                                             | 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                  | 21.60     | 35.80           | 44.86     | 44.21           | 61.46     | 60.74          | 89.54     |
| 25.400                    | 1000   | 44.167      | 70.667     | -                        | -                               | -                                             | 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/<br>ET-C1S600 |              | ET-C1T700     |              | ET-C1T800     |              | ET-C1W400<br>ET-C1W500<br>ET-C1S600<br>ET-C1T700<br>ET-C1T800 | ET-C1W300    | ET-C1U100    |
| Throw ratio <sup>1</sup>  |        |                |               | 1.36 - 2.10:1                    |              | 2.07 - 3.38:1 |              | 3.30 - 6.60:1 |              |                                                               |              |              |
| Diagonal<br>(SD)          |        | Height<br>(SH) | Width<br>(SW) | Min.<br>(LW)                     | Max.<br>(LT) | Min.<br>(LW)  | Max.<br>(LT) | Min.<br>(LW)  | Max.<br>(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        | -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        | -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        | -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        | -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        | -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        | -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        | -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       | -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       | -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       | -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       | -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       | -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       | -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       | -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       | -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       | -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       | -4.42 - 48.58                                                 | 0.00 - 44.17 | 0.00 - 44.17 |

<sup>1</sup> 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-C1U100/ET-C1U200 is based on the value during projection with the projected image size of 3.810 m [150 in].

<sup>2</sup> For 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 16:9

Unit: meters

| Lens type                 |        |                |               | Fixed-Focus Lens               |                                  |                                                | Zoom lens              |              |                 |              |                 |              |                |              |
|---------------------------|--------|----------------|---------------|--------------------------------|----------------------------------|------------------------------------------------|------------------------|--------------|-----------------|--------------|-----------------|--------------|----------------|--------------|
| Projection lens Model No. |        |                |               | ET-C1U200                      |                                  |                                                | ET-C1U100 <sup>2</sup> |              | ET-C1W300       |              | ET-C1W400       |              | ET-C1W500      |              |
| Throw ratio <sup>1</sup>  |        |                |               | 0.379:1                        |                                  |                                                | 0.308 - 0.331:1        |              | 0.550 - 0.690:1 |              | 0.680 - 0.950:1 |              | 0.940 - 1.39:1 |              |
| Diagonal<br>(SD)          |        | Height<br>(SH) | Width<br>(SW) | Projection<br>distance<br>(L1) | From rear<br>of set to<br>screen | From top of set<br>to bottom edge<br>of screen | Min.<br>(LW)           | Max.<br>(LT) | Min.<br>(LW)    | Max.<br>(LT) | Min.<br>(LW)    | Max.<br>(LT) | Min.<br>(LW)   | Max.<br>(LT) |
|                           |        |                |               |                                | (L4)                             | (A1)                                           |                        |              |                 |              |                 |              |                |              |
| 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         | 0.85                           | 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         | 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         | 1.26                           | 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         | 1.67                           | 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         | 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         | 2.50                           | 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         | 2.91                           | 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         | 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        | 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                   | 4.50         | 7.47            | 9.36         | 9.22            | 12.82        | 12.67          | 18.69        |
| 17.780                    | 700    | 8.717          | 15.497        | -                              | -                                | -                                              | 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                   | 6.01         | 9.97            | 12.49        | 12.31           | 17.11        | 16.91          | 24.93        |
| 22.860                    | 900    | 11.207         | 19.924        | -                              | -                                | -                                              | 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                   | 7.52         | 12.47           | 15.62        | 15.40           | 21.40        | 21.15          | 31.17        |

| Lens type                 |        |             |            | Zoom lens                        |           |               |           |               |           |                                                               |               |               |           |
|---------------------------|--------|-------------|------------|----------------------------------|-----------|---------------|-----------|---------------|-----------|---------------------------------------------------------------|---------------|---------------|-----------|
| Projection lens Model No. |        |             |            | Standard zoom lens/<br>ET-C1S600 |           | ET-C1T700     |           | ET-C1T800     |           | ET-C1W400<br>ET-C1W500<br>ET-C1S600<br>ET-C1T700<br>ET-C1T800 |               | ET-C1W300     | ET-C1U100 |
| Throw ratio <sup>1</sup>  |        |             |            | 1.36 - 2.10:1                    |           | 2.07 - 3.38:1 |           | 3.30 - 6.62:1 |           |                                                               |               |               |           |
| Diagonal (SD)             |        | Height (SH) | Width (SW) | 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      | -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     | -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     | -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     | -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     | -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     | -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     | -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     | -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     | -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     | -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     | -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     | -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     | -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    | -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    | -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    | -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    | -2.08 - 14.53                                                 | -0.69 - 13.14 | -0.69 - 13.14 | -         |

<sup>1</sup> 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-C1U100/ET-C1U200 is based on the value during projection with the projected image size of 3.810 m [150 in].

<sup>2</sup> For 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 16:9

Unit: feet

| Lens type                 |        |             |            | Fixed-Focus Lens         |                            |                                          | Zoom lens              |           |                 |           |                 |           |                |           |
|---------------------------|--------|-------------|------------|--------------------------|----------------------------|------------------------------------------|------------------------|-----------|-----------------|-----------|-----------------|-----------|----------------|-----------|
| Projection lens Model No. |        |             |            | ET-C1U200                |                            |                                          | ET-C1U100 <sup>2</sup> |           | ET-C1W300       |           | ET-C1W400       |           | ET-C1W500      |           |
| Throw ratio <sup>1</sup>  |        |             |            | 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 (L1) | From rear of set to screen | From top of set to bottom edge of screen | Min. (LW)              | Max. (LT) | Min. (LW)       | Max. (LT) | Min. (LW)       | Max. (LT) | Min. (LW)      | Max. (LT) |
|                           |        |             |            |                          | (L4)                       | (A1)                                     |                        |           |                 |           |                 |           |                |           |
| 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      | 2.78                     | 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      | 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     | 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     | 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     | 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     | 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     | 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     | 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     | 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     | -                        | -                          | -                                        | 13.76                  | 14.76     | 24.50           | 30.70     | 30.25           | 42.07     | 41.58          | 61.31     |
| 17.780                    | 700    | 28.599      | 50.842     | -                        | -                          | -                                        | 16.08                  | 17.24     | 28.60           | 35.84     | 35.32           | 49.11     | 48.53          | 71.55     |
| 20.320                    | 800    | 32.684      | 58.105     | -                        | -                          | -                                        | 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                  | 22.20     | 36.80           | 46.11     | 45.45           | 63.17     | 62.43          | 92.03     |
| 25.400                    | 1000   | 40.855      | 72.631     | -                        | -                          | -                                        | 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/<br>ET-C1S600 |           | ET-C1T700     |           | ET-C1T800     |           | ET-C1W400<br>ET-C1W500<br>ET-C1S600<br>ET-C1T700<br>ET-C1T800 |               | ET-C1W300     | ET-C1U100 |
| Throw ratio <sup>1</sup>  |        |             |            | 1.36 - 2.10:1                    |           | 2.07 - 3.38:1 |           | 3.30 - 6.62:1 |           |                                                               |               |               |           |
| Diagonal (SD)             |        | Height (SH) | Width (SW) | 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     | -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     | -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     | -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     | -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     | -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     | -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    | -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    | -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    | -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    | -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    | -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    | -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    | -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    | -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    | -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    | -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    | -6.81 - 47.66                                                 | -2.27 - 43.12 | -2.27 - 43.12 | -         |

<sup>1</sup> 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-C1U100/ET-C1U200 is based on the value during projection with the projected image size of 3.810 m [150 in].

<sup>2</sup> For 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: meters

| Lens type                 |        |             |            | Fixed-Focus Lens         |                                 |                                               | Zoom lens              |           |                 |           |                |           |               |           |
|---------------------------|--------|-------------|------------|--------------------------|---------------------------------|-----------------------------------------------|------------------------|-----------|-----------------|-----------|----------------|-----------|---------------|-----------|
| Projection lens Model No. |        |             |            | ET-C1U200                |                                 |                                               | ET-C1U100 <sup>2</sup> |           | ET-C1W300       |           | ET-C1W400      |           | ET-C1W500     |           |
| Throw ratio <sup>1</sup>  |        |             |            | 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 (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      | 0.93                     | 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      | 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      | 1.39                     | 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      | 1.84                     | 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      | 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      | 2.75                     | 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      | 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      | 3.66                     | 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     | 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                   | 4.96      | 8.23            | 10.31     | 10.16          | 14.13     | 13.96         | 20.59     |
| 17.780                    | 700    | 10.668      | 14.224     | -                        | -                               | -                                             | 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                   | 6.62      | 10.98           | 13.76     | 13.56          | 18.85     | 18.63         | 27.46     |
| 22.860                    | 900    | 13.716      | 18.288     | -                        | -                               | -                                             | 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                   | 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-C1W400<br>ET-C1W500<br>ET-C1S600<br>ET-C1T700<br>ET-C1T800 |              | ET-C1W300    | ET-C1U100    |
| Throw ratio <sup>1</sup>  |        |             |            | 1.64 - 2.52:1                 |           | 2.49 - 4.06:1 |           | 3.98 - 8.01:1 |           |                                                               |              |              |              |
| Diagonal (SD)             |        | Height (SH) | Width (SW) | 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     | -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     | -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     | -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     | -0.15 - 1.68                                                  | 0.00 - 1.52  | 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     | -0.18 - 2.01                                                  | 0.00 - 1.83  | 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     | -0.23 - 2.52                                                  | 0.00 - 2.29  | 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     | -0.31 - 3.35                                                  | 0.00 - 3.05  | 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     | -0.38 - 4.19                                                  | 0.00 - 3.81  | 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     | -0.46 - 5.03                                                  | 0.00 - 4.57  | 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     | -0.53 - 5.87                                                  | 0.00 - 5.33  | 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     | -0.61 - 6.71                                                  | 0.00 - 6.10  | 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     | -0.76 - 8.38                                                  | 0.00 - 7.62  | 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    | -0.91 - 10.06                                                 | 0.00 - 9.14  | 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    | -1.07 - 11.74                                                 | 0.00 - 10.67 | 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    | -1.22 - 13.41                                                 | 0.00 - 12.19 | 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    | -1.37 - 15.09                                                 | 0.00 - 13.72 | 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    | -1.52 - 16.76                                                 | 0.00 - 15.24 | 0.00 - 15.24 | 0.00 - 15.24 |

<sup>1</sup> 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-C1U100/ET-C1U200 is based on the value during projection with the projected image size of 3.810 m [150 in].

<sup>2</sup> For 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-Focus Lens               |                                  |                                                | Zoom lens              |              |                 |              |                |              |               |              |
|---------------------------|--------|----------------|---------------|--------------------------------|----------------------------------|------------------------------------------------|------------------------|--------------|-----------------|--------------|----------------|--------------|---------------|--------------|
| Projection lens Model No. |        |                |               | ET-C1U200                      |                                  |                                                | ET-C1U100 <sup>2</sup> |              | ET-C1W300       |              | ET-C1W400      |              | ET-C1W500     |              |
| Throw ratio <sup>1</sup>  |        |                |               | 0.455:1                        |                                  |                                                | 0.371 - 0.398:1        |              | 0.660 - 0.830:1 |              | 0.820 - 1.14:1 |              | 1.13 - 1.67:1 |              |
| Diagonal<br>(SD)          |        | Height<br>(SH) | Width<br>(SW) | Projection<br>distance<br>(L1) | From rear<br>of set to<br>screen | From top of set<br>to bottom edge<br>of screen | Min.<br>(LW)           | Max.<br>(LT) | Min.<br>(LW)    | Max.<br>(LT) | Min.<br>(LW)   | Max.<br>(LT) | Min.<br>(LW)  | Max.<br>(LT) |
|                           |        |                |               |                                | (L4)                             | (A1)                                           |                        |              |                 |              |                |              |               |              |
| 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         | 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         | 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        | 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        | 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        | 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        | 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        | 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        | 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        | 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        | -                              | -                                | -                                              | 15.17                  | 16.27        | 26.99           | 33.83        | 33.34          | 46.36        | 45.81         | 67.54        |
| 17.780                    | 700    | 35.000         | 46.667        | -                              | -                                | -                                              | 17.72                  | 19.00        | 31.51           | 39.49        | 38.91          | 54.10        | 53.47         | 78.82        |
| 20.320                    | 800    | 40.000         | 53.333        | -                              | -                                | -                                              | 20.27                  | 21.73        | 36.03           | 45.15        | 44.49          | 61.85        | 61.12         | 90.10        |
| 22.860                    | 900    | 45.000         | 60.000        | -                              | -                                | -                                              | 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                  | 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/<br>ET-C1S600 |           | ET-C1T700     |           | ET-C1T800     |           | ET-C1W400<br>ET-C1W500<br>ET-C1S600<br>ET-C1T700<br>ET-C1T800 |              | ET-C1W300    | ET-C1U100    |
| Throw ratio <sup>1</sup>  |        |             |            | 1.64 - 2.52:1                    |           | 2.49 - 4.06:1 |           | 3.98 - 8.01:1 |           |                                                               |              |              |              |
| Diagonal (SD)             |        | Height (SH) | Width (SW) | Min. (LW)                        | Max. (LT) | Min. (LW)     | Max. (LT) | Min. (LW)     | Max. (LT) | Height position (H)                                           |              |              |              |
|                           |        |             |            |                                  |           |               |           |               |           |                                                               |              |              |              |
| m                         | inches |             |            |                                  |           |               |           |               |           |                                                               |              |              |              |
| 1.778                     | 70     | 3.500       | 4.667      | 7.57                             | 11.72     | 11.53         | 18.87     | 18.24         | 36.09     | -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     | -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     | -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     | -0.50 - 5.50                                                  | 0.00 - 5.00  | 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     | -0.60 - 6.60                                                  | 0.00 - 6.00  | 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     | -0.75 - 8.25                                                  | 0.00 - 7.50  | 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    | -1.00 - 11.00                                                 | 0.00 - 10.00 | 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    | -1.25 - 13.75                                                 | 0.00 - 12.50 | 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    | -1.50 - 16.50                                                 | 0.00 - 15.00 | 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    | -1.75 - 19.25                                                 | 0.00 - 17.50 | 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    | -2.00 - 22.00                                                 | 0.00 - 20.00 | 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    | -2.50 - 27.50                                                 | 0.00 - 25.00 | 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    | -3.00 - 33.00                                                 | 0.00 - 30.00 | 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    | -3.50 - 38.50                                                 | 0.00 - 35.00 | 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    | -4.00 - 44.00                                                 | 0.00 - 40.00 | 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    | -4.50 - 49.50                                                 | 0.00 - 45.00 | 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    | -5.00 - 55.00                                                 | 0.00 - 50.00 | 0.00 - 50.00 | 0.00 - 50.00 |

<sup>1</sup> 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-C1U100/ET-C1U200 is based on the value during projection with the projected image size of 3.810 m [150 in].

<sup>2</sup> For 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: meters

| Lens type                 |        |                |               | Fixed-Focus Lens               |                                  |                                                | Zoom lens              |              |                 |              |                 |              |                |              |
|---------------------------|--------|----------------|---------------|--------------------------------|----------------------------------|------------------------------------------------|------------------------|--------------|-----------------|--------------|-----------------|--------------|----------------|--------------|
| Projection lens Model No. |        |                |               | ET-C1U200                      |                                  |                                                | ET-C1U100 <sup>2</sup> |              | ET-C1W300       |              | ET-C1W400       |              | ET-C1W500      |              |
| Throw ratio <sup>1</sup>  |        |                |               | 0.379:1                        |                                  |                                                | 0.309 - 0.331:1        |              | 0.551 - 0.691:1 |              | 0.680 - 0.952:1 |              | 0.942 - 1.39:1 |              |
| Diagonal<br>(SD)          |        | Height<br>(SH) | Width<br>(SW) | Projection<br>distance<br>(L1) | From rear<br>of set to<br>screen | From top of set<br>to bottom edge<br>of screen | Min.<br>(LW)           | Max.<br>(LT) | Min.<br>(LW)    | Max.<br>(LT) | Min.<br>(LW)    | Max.<br>(LT) | Min.<br>(LW)   | Max.<br>(LT) |
|                           |        |                |               |                                | (L4)                             | (A1)                                           |                        |              |                 |              |                 |              |                |              |
| 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         | 0.89                           | 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         | 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         | 1.33                           | 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         | 1.77                           | 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         | 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         | 2.64                           | 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         | 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         | 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        | 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                   | 4.76         | 7.89            | 9.89         | 9.75            | 13.56        | 13.40          | 19.76        |
| 17.780                    | 700    | 6.911          | 16.382        | -                              | -                                | -                                              | 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                   | 6.36         | 10.54           | 13.21        | 13.01           | 18.09        | 17.88          | 26.36        |
| 22.860                    | 900    | 8.886          | 21.062        | -                              | -                                | -                                              | 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                   | 7.95         | 13.18           | 16.52        | 16.28           | 22.62        | 22.36          | 32.96        |

| Lens type                 |        |             |            | Zoom lens                        |           |               |           |               |           |                                                               |               |               |           |
|---------------------------|--------|-------------|------------|----------------------------------|-----------|---------------|-----------|---------------|-----------|---------------------------------------------------------------|---------------|---------------|-----------|
| Projection lens Model No. |        |             |            | Standard zoom lens/<br>ET-C1S600 |           | ET-C1T700     |           | ET-C1T800     |           | ET-C1W400<br>ET-C1W500<br>ET-C1S600<br>ET-C1T700<br>ET-C1T800 |               | ET-C1W300     | ET-C1U100 |
| Throw ratio <sup>1</sup>  |        |             |            | 1.36 - 2.10:1                    |           | 2.07 - 3.38:1 |           | 3.31 - 6.65:1 |           |                                                               |               |               |           |
| Diagonal (SD)             |        | Height (SH) | Width (SW) | 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     | -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     | -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     | -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     | -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     | -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     | -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     | -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     | -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     | -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     | -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     | -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     | -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    | -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    | -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    | -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    | -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    | -3.84 - 13.71                                                 | -2.38 - 12.25 | -2.38 - 12.25 | -         |

<sup>1</sup> 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-C1U100/ET-C1U200 is based on the value during projection with the projected image size of 3.810 m [150 in].

<sup>2</sup> For 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-Focus Lens               |                                  |                                                | Zoom lens              |              |                 |              |                 |              |                |              |
|---------------------------|--------|--------------|--------------|--------------------------------|----------------------------------|------------------------------------------------|------------------------|--------------|-----------------|--------------|-----------------|--------------|----------------|--------------|
| Projection lens Model No. |        |              |              | ET-C1U200                      |                                  |                                                | ET-C1U100 <sup>2</sup> |              | ET-C1W300       |              | ET-C1W400       |              | ET-C1W500      |              |
| Throw ratio <sup>1</sup>  |        |              |              | 0.379:1                        |                                  |                                                | 0.309 - 0.331:1        |              | 0.551 - 0.691:1 |              | 0.680 - 0.952:1 |              | 0.942 - 1.39:1 |              |
| Diagonal<br>(SD)          |        | Min.<br>(LW) | Max.<br>(LT) | Projection<br>distance<br>(L1) | From rear<br>of set to<br>screen | From top of set<br>to bottom edge<br>of screen | Min.<br>(LW)           | Max.<br>(LT) | Min.<br>(LW)    | Max.<br>(LT) | Min.<br>(LW)    | Max.<br>(LT) | Min.<br>(LW)   | Max.<br>(LT) |
|                           |        |              |              |                                | (L4)                             | (A1)                                           |                        |              |                 |              |                 |              |                |              |
| 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        | 2.93                           | 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        | 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       | 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       | 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       | 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       | 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       | 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       | 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       | 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       | -                              | -                                | -                                              | 14.56                  | 15.61        | 25.90           | 32.46        | 31.99           | 44.48        | 43.97          | 64.82        |
| 17.780                    | 700    | 22.674       | 53.746       | -                              | -                                | -                                              | 17.00                  | 18.23        | 30.24           | 37.89        | 37.34           | 51.92        | 51.31          | 75.65        |
| 20.320                    | 800    | 25.913       | 61.424       | -                              | -                                | -                                              | 19.45                  | 20.85        | 34.57           | 43.32        | 42.70           | 59.35        | 58.66          | 86.47        |
| 22.860                    | 900    | 29.153       | 69.102       | -                              | -                                | -                                              | 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                  | 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/<br>ET-C1S600 |              | ET-C1T700     |              | ET-C1T800     |              | ET-C1W400<br>ET-C1W500<br>ET-C1S600<br>ET-C1T700<br>ET-C1T800 | ET-C1W300     | ET-C1U100     |
| Throw ratio <sup>1</sup>  |        |              |              | 1.36 - 2.10:1                    |              | 2.07 - 3.38:1 |              | 3.31 - 6.65:1 |              |                                                               |               |               |
| Diagonal<br>(SD)          |        | Min.<br>(LW) | Max.<br>(LT) | Min.<br>(LW)                     | Max.<br>(LT) | Min.<br>(LW)  | Max.<br>(LT) | Min.<br>(LW)  | Max.<br>(LT) | Height position (H)                                           |               |               |
| m                         | inches |              |              |                                  |              |               |              |               |              |                                                               |               |               |
| 1.778                     | 70     | 2.267        | 5.375        | 7.26                             | 11.24        | 11.05         | 18.10        | 17.46         | 34.46        | -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        | -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        | -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        | -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        | -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        | -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       | -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       | -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       | -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       | -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       | -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       | -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       | -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       | -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       | -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       | -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       | -12.60 - 44.99                                                | -7.80 - 40.19 | -7.80 - 40.19 |

<sup>1</sup> 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-C1U100/ET-C1U200 is based on the value during projection with the projected image size of 3.810 m [150 in].

<sup>2</sup> For 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<br>Model No.     | Throw ratio       | Aspect ratio | Projection distance (L) formula |                       |
|----------------------------------|-------------------|--------------|---------------------------------|-----------------------|
|                                  |                   |              | Min. (LW)                       | Max. (LT)             |
| ET-C1U100                        | 0.308 - 0.330 : 1 | 16:10        | =0.2700 x SD - 0.0348           | =0.2895 x SD - 0.0353 |
|                                  | 0.308 - 0.331 : 1 | 16:9         | =0.2775 x SD - 0.0348           | =0.2975 x SD - 0.0353 |
|                                  | 0.371 - 0.398 : 1 | 4:3          | =0.3057 x SD - 0.0348           | =0.3277 x SD - 0.0353 |
|                                  | 0.309 - 0.331 : 1 | 21:9         | =0.2934 x SD - 0.0348           | =0.3145 x SD - 0.0353 |
| ET-C1W300                        | 0.550 - 0.690 : 1 | 16:10        | =0.4787 x SD - 0.0322           | =0.5998 x SD - 0.0376 |
|                                  | 0.550 - 0.690 : 1 | 16:9         | =0.4920 x SD - 0.0322           | =0.6165 x SD - 0.0376 |
|                                  | 0.660 - 0.830 : 1 | 4:3          | =0.5420 x SD - 0.0322           | =0.6791 x SD - 0.0376 |
|                                  | 0.551 - 0.691 : 1 | 21:9         | =0.5202 x SD - 0.0322           | =0.6517 x SD - 0.0376 |
| ET-C1W400                        | 0.680 - 0.950 : 1 | 16:10        | =0.5913 x SD - 0.0416           | =0.8212 x SD - 0.0389 |
|                                  | 0.680 - 0.950 : 1 | 16:9         | =0.6078 x SD - 0.0416           | =0.8440 x SD - 0.0389 |
|                                  | 0.820 - 1.14 : 1  | 4:3          | =0.6694 x SD - 0.0416           | =0.9297 x SD - 0.0389 |
|                                  | 0.680 - 0.952 : 1 | 21:9         | =0.6425 x SD - 0.0416           | =0.8922 x SD - 0.0389 |
| ET-C1W500                        | 0.940 - 1.39 : 1  | 16:10        | =0.8114 x SD - 0.0344           | =1.1958 x SD - 0.0448 |
|                                  | 0.940 - 1.39 : 1  | 16:9         | =0.8339 x SD - 0.0344           | =1.2291 x SD - 0.0448 |
|                                  | 1.13 - 1.67 : 1   | 4:3          | =0.9185 x SD - 0.0344           | =1.3538 x SD - 0.0448 |
|                                  | 0.942 - 1.39 : 1  | 21:9         | =0.8816 x SD - 0.0344           | =1.2993 x SD - 0.0448 |
| Standard zoom lens/<br>ET-C1S600 | 1.36 - 2.10 : 1   | 16:10        | =1.1800 x SD - 0.0668           | =1.8057 x SD - 0.0631 |
|                                  | 1.36 - 2.10 : 1   | 16:9         | =1.2128 x SD - 0.0668           | =1.8559 x SD - 0.0631 |
|                                  | 1.64 - 2.52 : 1   | 4:3          | =1.3358 x SD - 0.0668           | =2.0442 x SD - 0.0631 |
|                                  | 1.36 - 2.10 : 1   | 21:9         | =1.2821 x SD - 0.0668           | =1.9619 x SD - 0.0631 |
| ET-C1T700                        | 2.07 - 3.38 : 1   | 16:10        | =1.7915 x SD - 0.0929           | =2.8985 x SD - 0.0835 |
|                                  | 2.07 - 3.38 : 1   | 16:9         | =1.8413 x SD - 0.0929           | =2.9791 x SD - 0.0835 |
|                                  | 2.49 - 4.06 : 1   | 4:3          | =2.0282 x SD - 0.0929           | =3.2813 x SD - 0.0835 |
|                                  | 2.07 - 3.38 : 1   | 21:9         | =1.9465 x SD - 0.0929           | =3.1493 x SD - 0.0835 |
| ET-C1T800                        | 3.30 - 6.60 : 1   | 16:10        | =2.9370 x SD - 0.3521           | =6.1227 x SD - 1.3252 |
|                                  | 3.30 - 6.62 : 1   | 16:9         | =3.0187 x SD - 0.3521           | =6.2929 x SD - 1.3252 |
|                                  | 3.98 - 8.01 : 1   | 4:3          | =3.3249 x SD - 0.3521           | =6.9314 x SD - 1.3252 |
|                                  | 3.31 - 6.65 : 1   | 21:9         | =3.1911 x SD - 0.3521           | =6.6524 x SD - 1.3252 |

#### Fixed-Focus Lens

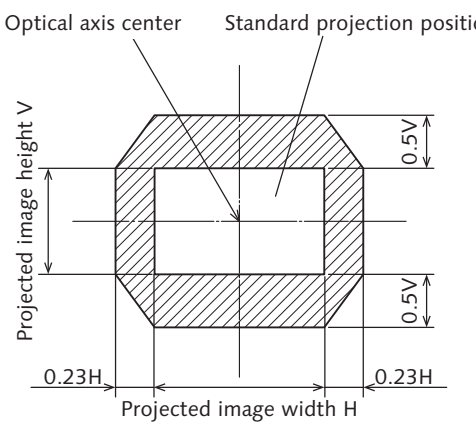
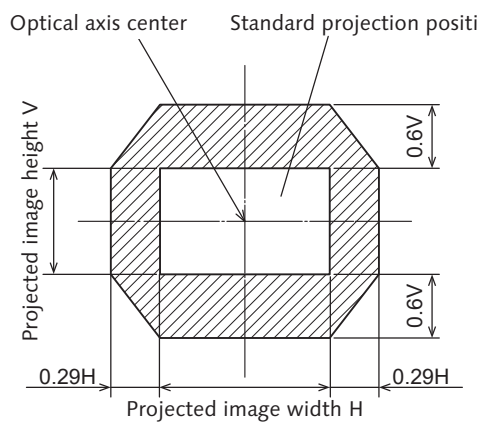
Unit: m

| Projection lens<br>Model No. | Throw ratio | Aspect ratio | Projection distance (L) formula |
|------------------------------|-------------|--------------|---------------------------------|
| ET-C1U200                    | 0.380:1     | 16:10        | =0.3165 x SD + 0.0204           |
|                              | 0.379:1     | 16:9         | =0.3253 x SD + 0.0204           |
|                              | 0.455:1     | 4:3          | =0.3583 x SD + 0.0204           |
|                              | 0.379:1     | 21:9         | =0.3439 x SD + 0.0204           |

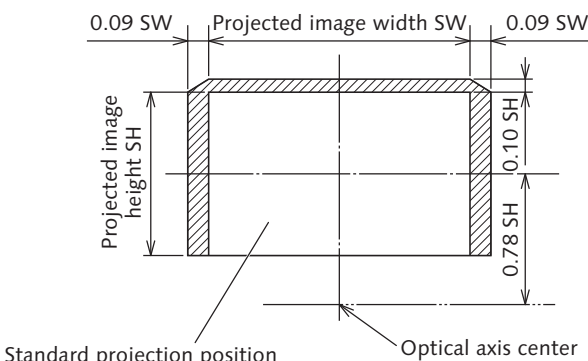
Adjustment range by the lens position shift (optical shift)

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.

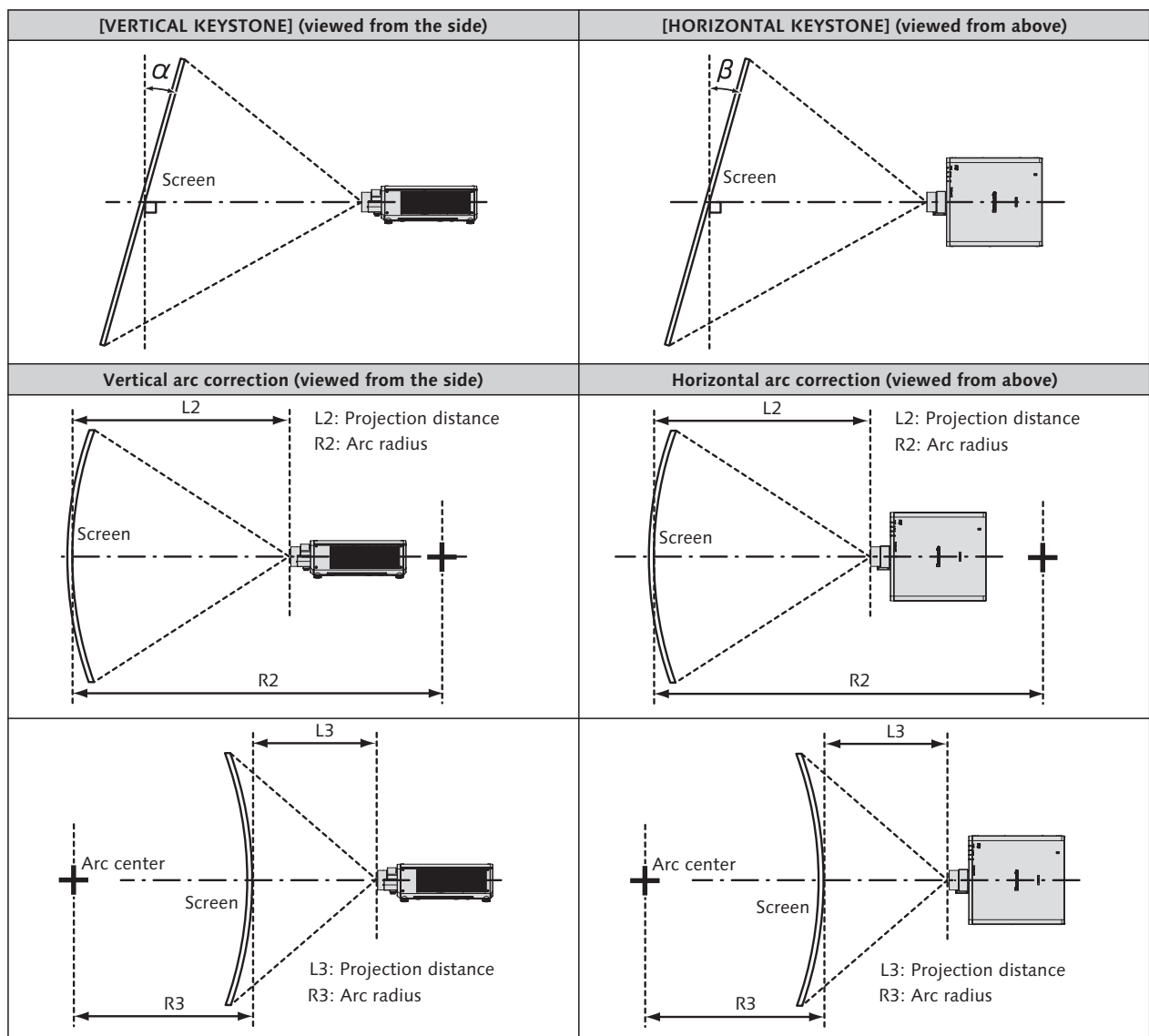
Following figure shows the adjustment range when the projector is installed on the floor.

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

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

## [GEOMETRY] projection range



| Projection lens<br>Model No. | Only [KEYSTONE] used <sup>1</sup>                     |                                                        | [KEYSTONE] and [CURVED CORRECTION] used together      |                                                        |                        |                        | Only [CURVED CORRECTION] used |                        |
|------------------------------|-------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------|------------------------|------------------------|-------------------------------|------------------------|
|                              | Vertical keystone<br>correction angle<br>$\alpha$ (°) | Horizontal keystone<br>correction angle<br>$\beta$ (°) | Vertical keystone<br>correction angle<br>$\alpha$ (°) | Horizontal keystone<br>correction angle<br>$\beta$ (°) | Min. value of<br>R2/L2 | Min. value of<br>R3/L3 | Min. value of<br>R2/L2        | Min. value of<br>R3/L3 |
| ET-C1U100                    | ±5                                                    | ±3                                                     | -                                                     | -                                                      | -                      | -                      | -                             | -                      |
| ET-C1U200 <sup>2</sup>       | +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                    |

<sup>1</sup> When [VERTICAL KEYSTONE] and [HORIZONTAL KEYSTONE] are used simultaneously, correction cannot be made exceeding total of 55°.

<sup>2</sup> Only the vertical keystone correction angle can be corrected in the direction in which the projector body moves away from the screen.

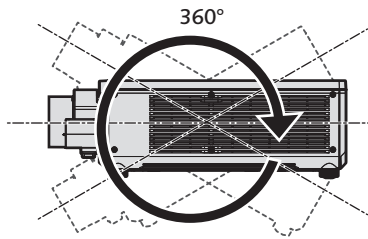
**Note**

- 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.

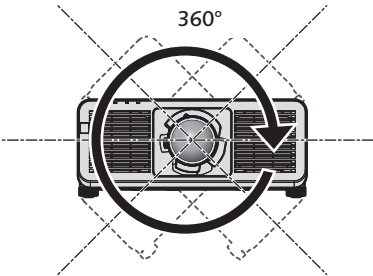
**Installable angle**

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

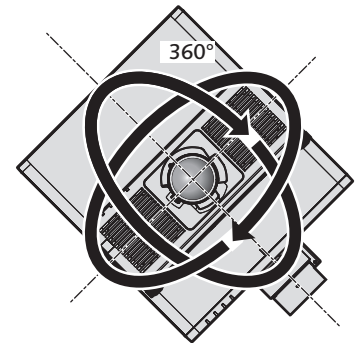
FULL 360-degree projection



Vertical 360-deg.



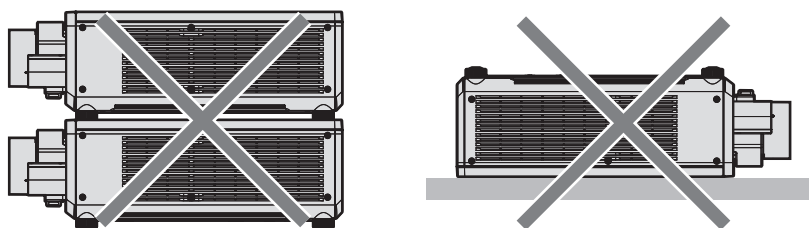
Horizontal 360-deg.



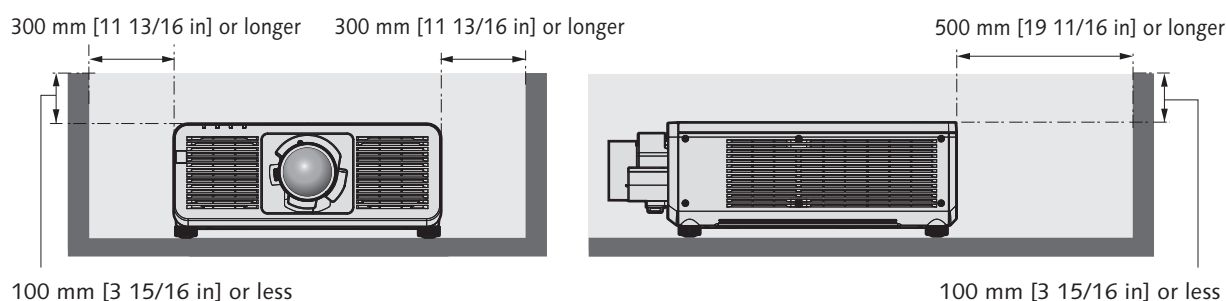
Tilting 360-deg.  
(Vertical and Horizontal combination)

**Notes on projector placement and operation**

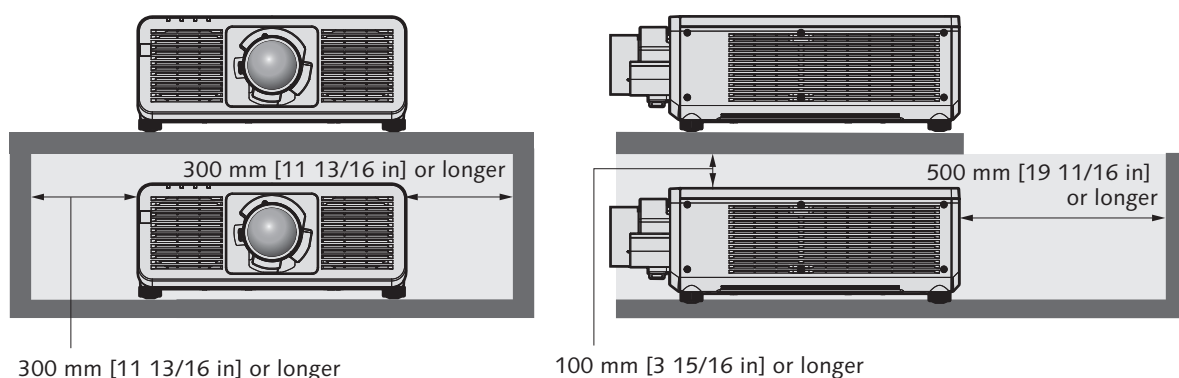
- Do not stack projectors on top of each other.
- Do not use the projector supporting it by the top.



- 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 LINK¹ |
| 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             | 60.0²         | 74.3                  | ✓                 | ✓           | ✓             |
|             | 720/50p                     | 1280 x 720        | 37.5             | 50.0          | 74.3                  | ✓                 | ✓           | ✓             |
|             | 720/120p                    | 1280 x 720        | 90.0             | 120.0²        | 148.5                 | ✓                 | ✓           | ✓             |
|             | 1080/60i                    | 1920 x 1080i      | 33.8             | 60.0²         | 74.3                  | ✓                 | —           | ✓             |
|             | 1080/50i                    | 1920 x 1080i      | 28.1             | 50.0          | 74.3                  | ✓                 | —           | ✓             |
|             | 1080/24p                    | 1920 x 1080       | 27.0             | 24.0²         | 74.3                  | ✓                 | ✓           | ✓             |
|             | 1080/24sF                   | 1920 x 1080i      | 27.0             | 48.0²         | 74.3                  | ✓                 | —           | ✓             |
|             | 1080/25p                    | 1920 x 1080       | 28.1             | 25.0          | 74.3                  | ✓                 | ✓           | ✓             |
|             | 1080/30p                    | 1920 x 1080       | 33.8             | 30.0²         | 74.3                  | ✓                 | ✓           | ✓             |
|             | 1080/60p                    | 1920 x 1080       | 67.5             | 60.0²         | 148.5                 | ✓                 | ✓           | ✓             |
|             | 1080/50p                    | 1920 x 1080       | 56.3             | 50.0          | 148.5                 | ✓                 | ✓           | ✓             |
|             | 1080/120p                   | 1920 x 1080       | 135.0            | 120.0²        | 297.0                 | ✓                 | ✓           | ✓             |
|             | 2K/24p                      | 2048 x 1080       | 27.0             | 24.0²         | 74.3                  | ✓                 | ✓           | ✓             |
|             | 2K/25p                      | 2048 x 1080       | 28.1             | 25.0          | 74.3                  | ✓                 | ✓           | ✓             |
|             | 2K/30p                      | 2048 x 1080       | 33.8             | 30.0²         | 74.3                  | ✓                 | ✓           | ✓             |
|             | 2K/48p                      | 2048 x 1080       | 54.0             | 48.0²         | 148.5                 | ✓                 | ✓           | ✓             |
|             | 2K/60p                      | 2048 x 1080       | 67.5             | 60.0²         | 148.5                 | ✓                 | ✓           | ✓             |
|             | 2K/50p                      | 2048 x 1080       | 56.3             | 50.0          | 148.5                 | ✓                 | ✓           | ✓             |
|             | 2560 x 1080/60p             | 2560 x 1080       | 66.0             | 60.0²         | 198.0                 | ✓                 | ✓           | ✓             |
|             | 2560 x 1080/50p             | 2560 x 1080       | 56.3             | 50.0          | 185.6                 | ✓                 | ✓           | ✓             |
|             | 3840 x 2160/24p             | 3840 x 2160       | 54.0             | 24.0²         | 297.0                 | ✓                 | ✓           | ✓             |
|             | 3840 x 2160/25p             | 3840 x 2160       | 56.3             | 25.0          | 297.0                 | ✓                 | ✓           | ✓             |
|             | 3840 x 2160/30p             | 3840 x 2160       | 67.5             | 30.0²         | 297.0                 | ✓                 | ✓           | ✓             |
|             | 3840 x 2160/60p             | 3840 x 2160       | 135.0            | 60.0²         | 297.0                 | ✓³                | —           | ✓³            |
|             |                             | 3840 x 2160       | 135.0            | 60.0²         | 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             | 24.0²         | 297.0                 | ✓                 | ✓           | ✓             |
|             | 4096 x 2160/25p             | 4096 x 2160       | 56.3             | 25.0          | 297.0                 | ✓                 | ✓           | ✓             |
|             | 4096 x 2160/30p             | 4096 x 2160       | 67.5             | 30.0²         | 297.0                 | ✓                 | ✓           | ✓             |
|             | 4096 x 2160/60p             | 4096 x 2160       | 135.0            | 60.0²         | 297.0                 | ✓³                | —           | ✓³            |
|             |                             | 4096 x 2160       | 135.0            | 60.0²         | 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               | 1366 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 1200⁴      | 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 1440⁴      | 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 LINK¹ |
| C           | 2560 x 1600/60              | 2560 x 1600⁴      | 98.7             | 60.0          | 268.5                 | ✓                 | ✓           | ✓             |
|             | 3440 x 1440/50              | 3440 x 1440⁴      | 73.7             | 50.0          | 259.4                 | ✓                 | ✓           | —             |
|             | 3440 x 1440/60              | 3440 x 1440⁴      | 88.9             | 60.0          | 312.8                 | ✓                 | ✓           | —             |
|             | 3840 x 2400/30              | 3840 x 2400⁴      | 73.0             | 30.0          | 286.2                 | ✓                 | ✓           | ✓             |
|             | 3840 x 2400/50              | 3840 x 2400⁴      | 122.9            | 50.0          | 481.6                 | ✓                 | ✓           | —             |
|             | 3840 x 2400/60              | 3840 x 2400⁴      | 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 YPbPr 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: 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<br>(SIGNAL<br>FORMAT) | Resolution<br>(Dots)     | Scanning freq.      |                    | Dot clock<br>freq.<br>(MHz) | Plug and play compatible signal |        |    |                     |        |    |                           |                     |    |
|-----------------------------------|--------------------------|---------------------|--------------------|-----------------------------|---------------------------------|--------|----|---------------------|--------|----|---------------------------|---------------------|----|
|                                   |                          | Horizontal<br>(kHz) | Vertical<br>(Hz)   |                             | HDMI™                           |        |    | DisplayPort         |        |    | DIGITAL LINK <sup>1</sup> |                     |    |
|                                   |                          |                     |                    |                             | 4K/60p <sup>2</sup>             | 4K/30p | 2K | 4K/60p <sup>2</sup> | 4K/30p | 2K | 4K/60p                    | 4K/30p <sup>3</sup> | 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 <sup>4</sup>  | 74.3                        | ✓                               | ✓      | ✓  | ✓                   | ✓      | ✓  | ✓                         | ✓                   | ✓  |
| 720/50p                           | 1280 x 720               | 37.5                | 50.0               | 74.3                        | ✓                               | ✓      | ✓  | ✓                   | ✓      | ✓  | ✓                         | ✓                   | ✓  |
| 720/120p                          | 1280 x 720               | 90.0                | 120.0 <sup>4</sup> | 148.5                       | —                               | —      | —  | —                   | —      | —  | —                         | —                   | —  |
| 1080/60i                          | 1920 x 1080i             | 33.8                | 60.0 <sup>4</sup>  | 74.3                        | ✓                               | ✓      | ✓  | —                   | —      | —  | ✓                         | ✓                   | ✓  |
| 1080/50i                          | 1920 x 1080i             | 28.1                | 50.0               | 74.3                        | ✓                               | ✓      | ✓  | —                   | —      | —  | ✓                         | ✓                   | ✓  |
| 1080/24p                          | 1920 x 1080              | 27.0                | 24.0 <sup>4</sup>  | 74.3                        | ✓                               | ✓      | ✓  | ✓                   | ✓      | ✓  | ✓                         | ✓                   | ✓  |
| 1080/24sF                         | 1920 x 1080i             | 27.0                | 48.0 <sup>4</sup>  | 74.3                        | —                               | —      | —  | —                   | —      | —  | —                         | —                   | —  |
| 1080/25p                          | 1920 x 1080              | 28.1                | 25.0               | 74.3                        | ✓                               | ✓      | ✓  | ✓                   | ✓      | ✓  | ✓                         | ✓                   | ✓  |
| 1080/30p                          | 1920 x 1080              | 33.8                | 30.0 <sup>4</sup>  | 74.3                        | ✓                               | ✓      | ✓  | ✓                   | ✓      | ✓  | ✓                         | ✓                   | ✓  |
| 1080/60p                          | 1920 x 1080              | 67.5                | 60.0 <sup>4</sup>  | 148.5                       | ✓                               | ✓      | ✓  | ✓                   | ✓      | ✓  | ✓                         | ✓                   | ✓  |
| 1080/50p                          | 1920 x 1080              | 56.3                | 50.0               | 148.5                       | ✓                               | ✓      | ✓  | ✓                   | ✓      | ✓  | ✓                         | ✓                   | ✓  |
| 1080/120p                         | 1920 x 1080              | 135.0               | 120.0 <sup>4</sup> | 297.0                       | ✓                               | ✓      | —  | ✓                   | ✓      | —  | ✓                         | ✓                   | —  |
| 2K/24p                            | 2048 x 1080              | 27.0                | 24.0 <sup>4</sup>  | 74.3                        | —                               | —      | —  | —                   | —      | —  | —                         | —                   | —  |
| 2K/25p                            | 2048 x 1080              | 28.1                | 25.0               | 74.3                        | —                               | —      | —  | —                   | —      | —  | —                         | —                   | —  |
| 2K/30p                            | 2048 x 1080              | 33.8                | 30.0 <sup>4</sup>  | 74.3                        | —                               | —      | —  | —                   | —      | —  | —                         | —                   | —  |
| 2K/48p                            | 2048 x 1080              | 54.0                | 48.0 <sup>4</sup>  | 148.5                       | —                               | —      | —  | —                   | —      | —  | —                         | —                   | —  |
| 2K/60p                            | 2048 x 1080              | 67.5                | 60.0 <sup>4</sup>  | 148.5                       | —                               | —      | —  | —                   | —      | —  | —                         | —                   | —  |
| 2K/50p                            | 2048 x 1080              | 56.3                | 50.0               | 148.5                       | —                               | —      | —  | —                   | —      | —  | —                         | —                   | —  |
| 2560 x 1080/60p                   | 2560 x 1080              | 66.0                | 60.0 <sup>4</sup>  | 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 <sup>4</sup>  | 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 <sup>4</sup>  | 297.0                       | ✓                               | ✓      | —  | ✓                   | ✓      | —  | ✓                         | ✓                   | —  |
| 3840 x 2160/60p                   | 3840 x 2160              | 135.0               | 60.0 <sup>4</sup>  | 297.0                       | ✓ <sup>5</sup>                  | —      | —  | —                   | —      | —  | ✓ <sup>5</sup>            | —                   | —  |
|                                   | 3840 x 2160              | 135.0               | 60.0 <sup>4</sup>  | 594.0                       | ✓                               | —      | —  | ✓                   | —      | —  | —                         | —                   | —  |
| 3840 x 2160/50p                   | 3840 x 2160              | 112.5               | 50.0               | 297.0                       | ✓ <sup>5</sup>                  | —      | —  | —                   | —      | —  | ✓ <sup>5</sup>            | —                   | —  |
|                                   | 3840 x 2160              | 112.5               | 50.0               | 594.0                       | ✓                               | —      | —  | ✓                   | —      | —  | —                         | —                   | —  |
| 4096 x 2160/24p                   | 4096 x 2160              | 54.0                | 24.0 <sup>4</sup>  | 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 <sup>4</sup>  | 297.0                       | ✓                               | ✓      | —  | ✓                   | ✓      | —  | ✓                         | ✓                   | —  |
| 4096 x 2160/60p                   | 4096 x 2160              | 135.0               | 60.0 <sup>4</sup>  | 297.0                       | ✓ <sup>5</sup>                  | —      | —  | —                   | —      | —  | ✓ <sup>5</sup>            | —                   | —  |
|                                   | 4096 x 2160              | 135.0               | 60.0 <sup>4</sup>  | 594.0                       | ✓                               | —      | —  | ✓                   | —      | —  | —                         | —                   | —  |
| 4096 x 2160/50p                   | 4096 x 2160              | 112.5               | 50.0               | 297.0                       | ✓ <sup>5</sup>                  | —      | —  | —                   | —      | —  | ✓ <sup>5</sup>            | —                   | —  |
|                                   | 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                     | 1366 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 <sup>6</sup> | 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 <sup>6</sup> | 88.8                | 60.0               | 241.5                       | —                               | —      | —  | —                   | —      | —  | —                         | —                   | —  |
| 2560 x 1600/50                    | 2560 x 1600              | 82.4                | 50.0               | 286.0                       | —                               | —      | —  | —                   | —      | —  | —                         | —                   | —  |

| Signal name<br>(SIGNAL<br>FORMAT) | Resolution<br>(Dots) | Scanning freq.      |                  | Dot clock<br>freq.<br>(MHz) | Plug and play compatible signal |        |    |             |        |    |               |         |    |
|-----------------------------------|----------------------|---------------------|------------------|-----------------------------|---------------------------------|--------|----|-------------|--------|----|---------------|---------|----|
|                                   |                      | Horizontal<br>(kHz) | Vertical<br>(Hz) |                             | HDMI™                           |        |    | DisplayPort |        |    | DIGITAL LINK¹ |         |    |
|                                   |                      |                     |                  |                             | 4K/60p²                         | 4K/30p | 2K | 4K/60p²     | 4K/30p | 2K | 4K/60p        | 4K/30p³ | 2K |
| 2560 x 1600/60                    | 2560 x 1600⁶         | 98.7                | 60.0             | 268.5                       | ✓                               | ✓      | —  | ✓           | ✓      | —  | ✓             | ✓       | —  |
| 3440 x 1440/50                    | 3440 x 1440⁶         | 73.7                | 50.0             | 259.4                       | —                               | —      | —  | —           | —      | —  | —             | —       | —  |
| 3440 x 1440/60                    | 3440 x 1440⁶         | 88.9                | 60.0             | 312.8                       | —                               | —      | —  | —           | —      | —  | —             | —       | —  |
| 3840 x 2400/30                    | 3840 x 2400⁶         | 73.0                | 30.0             | 286.2                       | —                               | —      | —  | —           | —      | —  | —             | —       | —  |
| 3840 x 2400/50                    | 3840 x 2400⁶         | 122.9               | 50.0             | 481.6                       | —                               | —      | —  | —           | —      | —  | —             | —       | —  |
| 3840 x 2400/60                    | 3840 x 2400⁶         | 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 YPbPr 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: 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 <sup>1</sup>        | 1280 x 720        | 45.0             | 60.0 <sup>2</sup> | 74.3                  | —           | HD-SDI         | YPbPr        | 4:2:2 10bit |
|             | 720/50p <sup>1</sup>        | 1280 x 720        | 37.5             | 50.0              | 74.3                  | —           | HD-SDI         | YPbPr        | 4:2:2 10bit |
|             | 1080/60i                    | 1920 x 1080i      | 33.8             | 60.0 <sup>2</sup> | 74.3                  | —           | HD-SDI         | YPbPr        | 4:2:2 10bit |
|             |                             | 1920 x 1080i      | 33.8             | 60.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-A | RGB          | 4:4:4 10bit |
|             |                             | 1920 x 1080i      | 33.8             | 60.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-B | RGB          | 4:4:4 10bit |
|             |                             | 1920 x 1080i      | 33.8             | 60.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-A | RGB          | 4:4:4 12bit |
|             |                             | 1920 x 1080i      | 33.8             | 60.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-B | RGB          | 4:4:4 12bit |
|             | 1080/50i                    | 1920 x 1080i      | 28.1             | 50.0              | 74.3                  | —           | HD-SDI         | YPbPr        | 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 <sup>2</sup> | 74.3                  | —           | HD-SDI         | YPbPr        | 4:2:2 10bit |
|             |                             | 1920 x 1080       | 27.0             | 24.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-A | RGB          | 4:4:4 10bit |
|             |                             | 1920 x 1080       | 27.0             | 24.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-B | RGB          | 4:4:4 10bit |
|             |                             | 1920 x 1080       | 27.0             | 24.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-A | RGB          | 4:4:4 12bit |
|             |                             | 1920 x 1080       | 27.0             | 24.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-B | RGB          | 4:4:4 12bit |
|             | 1080/24sF <sup>1</sup>      | 1920 x 1080i      | 27.0             | 48.0 <sup>2</sup> | 74.3                  | —           | HD-SDI         | YPbPr        | 4:2:2 10bit |
|             |                             | 1920 x 1080i      | 27.0             | 48.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-A | RGB          | 4:4:4 10bit |
|             |                             | 1920 x 1080i      | 27.0             | 48.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-B | RGB          | 4:4:4 10bit |
|             |                             | 1920 x 1080i      | 27.0             | 48.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-A | RGB          | 4:4:4 12bit |
|             |                             | 1920 x 1080i      | 27.0             | 48.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-B | RGB          | 4:4:4 12bit |
|             | 1080/25p                    | 1920 x 1080       | 28.1             | 25.0              | 74.3                  | —           | HD-SDI         | YPbPr        | 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 <sup>2</sup> | 74.3                  | —           | HD-SDI         | YPbPr        | 4:2:2 10bit |
|             |                             | 1920 x 1080       | 33.8             | 30.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-A | RGB          | 4:4:4 10bit |
|             |                             | 1920 x 1080       | 33.8             | 30.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-B | RGB          | 4:4:4 10bit |
|             |                             | 1920 x 1080       | 33.8             | 30.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-A | RGB          | 4:4:4 12bit |
|             |                             | 1920 x 1080       | 33.8             | 30.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-B | RGB          | 4:4:4 12bit |
|             | 1080/60p                    | 1920 x 1080       | 67.5             | 60.0 <sup>2</sup> | 148.5                 | —           | 3G-SDI Level-A | YPbPr        | 4:2:2 10bit |
|             |                             | 1920 x 1080       | 67.5             | 60.0 <sup>2</sup> | 148.5                 | —           | 3G-SDI Level-B | YPbPr        | 4:2:2 10bit |
|             | 1080/50p                    | 1920 x 1080       | 56.3             | 50.0              | 148.5                 | —           | 3G-SDI Level-A | YPbPr        | 4:2:2 10bit |
|             |                             | 1920 x 1080       | 56.3             | 50.0              | 148.5                 | —           | 3G-SDI Level-B | YPbPr        | 4:2:2 10bit |
|             | 2K/24p                      | 2048 x 1080       | 27.0             | 24.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-A | RGB          | 4:4:4 10bit |
|             |                             | 2048 x 1080       | 27.0             | 24.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-B | RGB          | 4:4:4 10bit |
|             |                             | 2048 x 1080       | 27.0             | 24.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-A | RGB          | 4:4:4 12bit |
|             |                             | 2048 x 1080       | 27.0             | 24.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-B | RGB          | 4:4:4 12bit |
|             | 2K/48p <sup>1</sup>         | 2048 x 1080       | 54.0             | 48.0 <sup>2</sup> | 148.5                 | —           | 3G-SDI Level-A | YPbPr        | 4:2:2 10bit |
|             |                             | 2048 x 1080       | 54.0             | 48.0 <sup>2</sup> | 148.5                 | —           | 3G-SDI Level-B | YPbPr        | 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 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-A | RGB          | 4:4:4 10bit |
|             |                             | 2048 x 1080       | 33.8             | 30.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-B | RGB          | 4:4:4 10bit |
|             |                             | 2048 x 1080       | 33.8             | 30.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-A | RGB          | 4:4:4 12bit |
|             |                             | 2048 x 1080       | 33.8             | 30.0 <sup>2</sup> | 74.3                  | —           | 3G-SDI Level-B | RGB          | 4:4:4 12bit |
|             | 2K/60p                      | 2048 x 1080       | 67.5             | 60.0 <sup>2</sup> | 148.5                 | —           | 3G-SDI Level-A | YPbPr        | 4:2:2 10bit |
|             |                             | 2048 x 1080       | 67.5             | 60.0 <sup>2</sup> | 148.5                 | —           | 3G-SDI Level-B | YPbPr        | 4:2:2 10bit |
|             | 2K/50p                      | 2048 x 1080       | 56.3             | 50.0              | 148.5                 | —           | 3G-SDI Level-A | YPbPr        | 4:2:2 10bit |
|             |                             | 2048 x 1080       | 56.3             | 50.0              | 148.5                 | —           | 3G-SDI Level-B | YPbPr        | 4:2:2 10bit |
|             | 3840 x 2160/24p             | 3840 x 2160       | 54.0             | 24.0 <sup>2</sup> | 297.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 4:2:2 12bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>2</sup> | 297.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>2</sup> | 297.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 4:4:4 12bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>2</sup> | 297.0                 | IL          | 12G-SDI Type 1 | RGB          | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>2</sup> | 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 | YPbPr        | 4:2:2 12bit |
|             |                             | 3840 x 2160       | 56.3             | 25.0              | 297.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 56.3             | 25.0              | 297.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 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 2160/30p             | 3840 x 2160       | 56.3             | 25.0              | 297.0                 | IL          | 12G-SDI Type 1 | RGB          | 4:4:4 12bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>2</sup> | 297.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 4:2:2 12bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>2</sup> | 297.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>2</sup> | 297.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 4:4:4 12bit |
|             | 3840 x 2160/30p             | 3840 x 2160       | 67.5             | 30.0 <sup>2</sup> | 297.0                 | IL          | 12G-SDI Type 1 | RGB          | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>2</sup> | 297.0                 | IL          | 12G-SDI Type 1 | RGB          | 4:4:4 12bit |
|             |                             | 3840 x 2160       | 135.0            | 60.0 <sup>2</sup> | 594.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 4:2:2 10bit |
|             |                             | 3840 x 2160       | 112.5            | 50.0              | 594.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 4:2:2 10bit |
|             | 4096 x 2160/24p             | 4096 x 2160       | 54.0             | 24.0 <sup>2</sup> | 297.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 4:2:2 12bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>2</sup> | 297.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>2</sup> | 297.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 4:4:4 12bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>2</sup> | 297.0                 | IL          | 12G-SDI Type 1 | RGB          | 4:4:4 10bit |
|             | 4096 x 2160/24p             | 4096 x 2160       | 54.0             | 24.0 <sup>2</sup> | 297.0                 | IL          | 12G-SDI Type 1 | RGB          | 4:4:4 12bit |
|             |                             | 4096 x 2160       | 56.3             | 25.0              | 297.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 4:2:2 12bit |
|             |                             | 4096 x 2160       | 56.3             | 25.0              | 297.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 56.3             | 25.0              | 297.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 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 2160/25p             | 4096 x 2160       | 56.3             | 25.0              | 297.0                 | IL          | 12G-SDI Type 1 | RGB          | 4:4:4 12bit |
|             |                             | 4096 x 2160       | 67.5             | 30.0 <sup>2</sup> | 297.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 4:2:2 12bit |
|             |                             | 4096 x 2160       | 67.5             | 30.0 <sup>2</sup> | 297.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 67.5             | 30.0 <sup>2</sup> | 297.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 4:4:4 12bit |
|             | 4096 x 2160/25p             | 4096 x 2160       | 67.5             | 30.0 <sup>2</sup> | 297.0                 | IL          | 12G-SDI Type 1 | RGB          | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 67.5             | 30.0 <sup>2</sup> | 297.0                 | IL          | 12G-SDI Type 1 | RGB          | 4:4:4 12bit |
|             |                             | 4096 x 2160       | 135.0            | 60.0 <sup>2</sup> | 594.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 4:2:2 10bit |
|             |                             | 4096 x 2160       | 112.5            | 50.0              | 594.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 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 <sup>1</sup> | 297.0                 | SQ          | HD-SDI         | YPbPr        | 4:2:2 10bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:2:2 12bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:2:2 12bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 4:2:2 12bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-B | YPbPr        | 4:2:2 12bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-B | YPbPr        | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:4:4 12bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:4:4 12bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 4:4:4 12bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-B | YPbPr        | 4:4:4 12bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-A | RGB          | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-A | RGB          | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-B | RGB          | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-B | RGB          | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-A | RGB          | 4:4:4 12bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-A | RGB          | 4:4:4 12bit |
|             |                             | 3840 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 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         | YPbPr        | 4:2:2 10bit |
|             |                             | 3840 x 2160       | 56.3             | 25.0              | 297.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:2:2 12bit |
|             |                             | 3840 x 2160       | 56.3             | 25.0              | 297.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:2:2 12bit |
|             |                             | 3840 x 2160       | 56.3             | 25.0              | 297.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 4:2:2 12bit |
|             |                             | 3840 x 2160       | 56.3             | 25.0              | 297.0                 | IL          | 3G-SDI Level-B | YPbPr        | 4:2:2 12bit |
|             |                             | 3840 x 2160       | 56.3             | 25.0              | 297.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 56.3             | 25.0              | 297.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 56.3             | 25.0              | 297.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 56.3             | 25.0              | 297.0                 | IL          | 3G-SDI Level-B | YPbPr        | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 56.3             | 25.0              | 297.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:4:4 12bit |
|             |                             | 3840 x 2160       | 56.3             | 25.0              | 297.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:4:4 12bit |
|             |                             | 3840 x 2160       | 56.3             | 25.0              | 297.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 4:4:4 12bit |
|             |                             | 3840 x 2160       | 56.3             | 25.0              | 297.0                 | IL          | 3G-SDI Level-B | YPbPr        | 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                 | IL          | 3G-SDI Level-B | RGB          | 4:4:4 12bit |
|             | 3840 x 2160/30p             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | SQ          | HD-SDI         | YPbPr        | 4:2:2 10bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:2:2 12bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:2:2 12bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 4:2:2 12bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-B | YPbPr        | 4:2:2 12bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-B | YPbPr        | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:4:4 12bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:4:4 12bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 4:4:4 12bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-B | YPbPr        | 4:4:4 12bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-A | RGB          | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-A | RGB          | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-B | RGB          | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-B | RGB          | 4:4:4 10bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-B | 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           | 3840 x 2160/30p             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-A | RGB          | 4:4:4 12bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-A | RGB          | 4:4:4 12bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-B | RGB          | 4:4:4 12bit |
|             |                             | 3840 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-B | RGB          | 4:4:4 12bit |
|             | 3840 x 2160/60p             | 3840 x 2160       | 135.0            | 60.0 <sup>1</sup> | 594.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:2:2 10bit |
|             |                             | 3840 x 2160       | 135.0            | 60.0 <sup>1</sup> | 594.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:2:2 10bit |
|             |                             | 3840 x 2160       | 135.0            | 60.0 <sup>1</sup> | 594.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 4:2:2 10bit |
|             |                             | 3840 x 2160       | 135.0            | 60.0 <sup>1</sup> | 594.0                 | IL          | 3G-SDI Level-B | YPbPr        | 4:2:2 10bit |
|             | 3840 x 2160/50p             | 3840 x 2160       | 112.5            | 50.0              | 594.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:2:2 10bit |
|             |                             | 3840 x 2160       | 112.5            | 50.0              | 594.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:2:2 10bit |
|             |                             | 3840 x 2160       | 112.5            | 50.0              | 594.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 4:2:2 10bit |
|             |                             | 3840 x 2160       | 112.5            | 50.0              | 594.0                 | IL          | 3G-SDI Level-B | YPbPr        | 4:2:2 10bit |
|             | 4096 x 2160/24p             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | HD-SDI         | YPbPr        | 4:2:2 10bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:2:2 12bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:2:2 12bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 4:2:2 12bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-B | YPbPr        | 4:2:2 12bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-B | YPbPr        | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:4:4 12bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:4:4 12bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 4:4:4 12bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-B | YPbPr        | 4:4:4 12bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-A | RGB          | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-A | RGB          | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-B | RGB          | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-B | RGB          | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-A | RGB          | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-A | RGB          | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-B | RGB          | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-B | RGB          | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-A | RGB          | 4:4:4 12bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-A | RGB          | 4:4:4 12bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-B | RGB          | 4:4:4 12bit |
|             |                             | 4096 x 2160       | 54.0             | 24.0 <sup>1</sup> | 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         | YPbPr        | 4:2:2 10bit |
|             |                             | 4096 x 2160       | 56.3             | 25.0              | 297.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:2:2 12bit |
|             |                             | 4096 x 2160       | 56.3             | 25.0              | 297.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:2:2 12bit |
|             |                             | 4096 x 2160       | 56.3             | 25.0              | 297.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 4:2:2 12bit |
|             |                             | 4096 x 2160       | 56.3             | 25.0              | 297.0                 | IL          | 3G-SDI Level-B | YPbPr        | 4:2:2 12bit |
|             |                             | 4096 x 2160       | 56.3             | 25.0              | 297.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 56.3             | 25.0              | 297.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 56.3             | 25.0              | 297.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 56.3             | 25.0              | 297.0                 | IL          | 3G-SDI Level-B | YPbPr        | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 56.3             | 25.0              | 297.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:4:4 12bit |
|             |                             | 4096 x 2160       | 56.3             | 25.0              | 297.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:4:4 12bit |
|             |                             | 4096 x 2160       | 56.3             | 25.0              | 297.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 4:4:4 12bit |
|             |                             | 4096 x 2160       | 56.3             | 25.0              | 297.0                 | IL          | 3G-SDI Level-B | YPbPr        | 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       | 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 2160/30p             | 4096 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | SQ          | HD-SDI         | YPbPr        | 4:2:2 10bit |
|             |                             | 4096 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:2:2 12bit |
|             |                             | 4096 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:2:2 12bit |
|             |                             | 4096 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 4:2:2 12bit |
|             |                             | 4096 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-B | YPbPr        | 4:2:2 12bit |
|             |                             | 4096 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-B | YPbPr        | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:4:4 12bit |
|             |                             | 4096 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:4:4 12bit |
|             |                             | 4096 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 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           | 4096 x 2160/30p             | 4096 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-A | RGB          | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-B | RGB          | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-B | RGB          | 4:4:4 10bit |
|             |                             | 4096 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-A | RGB          | 4:4:4 12bit |
|             |                             | 4096 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | IL          | 3G-SDI Level-A | RGB          | 4:4:4 12bit |
|             |                             | 4096 x 2160       | 67.5             | 30.0 <sup>1</sup> | 297.0                 | SQ          | 3G-SDI Level-B | RGB          | 4:4:4 12bit |
|             | 4096 x 2160/60p             | 4096 x 2160       | 135.0            | 60.0 <sup>1</sup> | 594.0                 | IL          | 3G-SDI Level-B | RGB          | 4:4:4 12bit |
|             |                             | 4096 x 2160       | 135.0            | 60.0 <sup>1</sup> | 594.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:2:2 10bit |
|             |                             | 4096 x 2160       | 135.0            | 60.0 <sup>1</sup> | 594.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:2:2 10bit |
|             |                             | 4096 x 2160       | 135.0            | 60.0 <sup>1</sup> | 594.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 4:2:2 10bit |
|             | 4096 x 2160/50p             | 4096 x 2160       | 112.5            | 50.0              | 594.0                 | IL          | 3G-SDI Level-B | YPbPr        | 4:2:2 10bit |
|             |                             | 4096 x 2160       | 112.5            | 50.0              | 594.0                 | SQ          | 3G-SDI Level-A | YPbPr        | 4:2:2 10bit |
|             |                             | 4096 x 2160       | 112.5            | 50.0              | 594.0                 | IL          | 3G-SDI Level-A | YPbPr        | 4:2:2 10bit |
|             |                             | 4096 x 2160       | 112.5            | 50.0              | 594.0                 | SQ          | 3G-SDI Level-B | YPbPr        | 4:2:2 10bit |

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