

## 3-Chip DLP™ Projector

## PT-RQ45K

## Specifications

## Main unit

|                                                           |                                                  |                                                                                                                                                              |                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power supply                                              |                                                  |                                                                                                                                                              | Single Phase AC100 V-120 V/Single Phase AC200 V-240 V, 50/60 Hz<br>*The light output will decrease to approximately 1/3 when using the projector with AC 100 V to AC 120 V.                                               |                                                                                                                                                                                                                                                       |
| Power consumption <sup>1</sup>                            | Maximum power consumption                        |                                                                                                                                                              | (TBD)                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                       |
|                                                           | On-mode power consumption<br>[OPERATING MODE]    | [NORMAL]                                                                                                                                                     | (TBD)                                                                                                                                                                                                                     | *Measurement conditions (Compliant with ISO/IEC 21118:2020 measurement conditions)<br>Operating Temperature: 25 °C (77 °F), Altitude: 700 m, Picture mode: [DYNAMIC], Dynamic Contrast: [OFF], HDMI™ input: All white, Other terminals: No connection |
|                                                           |                                                  | [ECO]                                                                                                                                                        | (TBD)                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                       |
|                                                           |                                                  | [QUIET]                                                                                                                                                      | (TBD)                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                       |
|                                                           | Standby mode power consumption<br>[STANDBY MODE] | [NORMAL]                                                                                                                                                     | (TBD)                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                       |
|                                                           |                                                  | [ECO]                                                                                                                                                        | (TBD)                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                       |
| Shutter                                                   |                                                  | (TBD)                                                                                                                                                        |                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                       |
| BTU value                                                 |                                                  |                                                                                                                                                              | (TBD)                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                       |
| DLP™ chip                                                 | size                                             |                                                                                                                                                              | [0.96 in] diagonal (16:10 aspect ratio)                                                                                                                                                                                   |                                                                                                                                                                                                                                                       |
|                                                           | Display system                                   |                                                                                                                                                              | DLP™ chip x 3, DLP™ projection system                                                                                                                                                                                     |                                                                                                                                                                                                                                                       |
|                                                           | Number of pixels                                 |                                                                                                                                                              | 2,304,000 pixels (1920 x 1200 dots) x 3                                                                                                                                                                                   |                                                                                                                                                                                                                                                       |
| Refresh rate                                              |                                                  |                                                                                                                                                              | 240Hz Refresh rate varies depending on scanning frequency.                                                                                                                                                                |                                                                                                                                                                                                                                                       |
| Light source                                              |                                                  |                                                                                                                                                              | Laser diodes                                                                                                                                                                                                              |                                                                                                                                                                                                                                                       |
| Light output <sup>1, 3</sup>                              | Operation mode                                   | [NORMAL]                                                                                                                                                     | 42,000 lm/43,600 lm(Center <sup>2</sup> )                                                                                                                                                                                 |                                                                                                                                                                                                                                                       |
|                                                           |                                                  | [ECO]                                                                                                                                                        | 32,000 lm                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                       |
|                                                           |                                                  | [QUIET]                                                                                                                                                      | 30,500 lm                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                       |
| Time until light output declines to 50% <sup>4</sup>      | Operation mode                                   | [NORMAL]                                                                                                                                                     | 20,000 hours                                                                                                                                                                                                              |                                                                                                                                                                                                                                                       |
|                                                           |                                                  | [ECO]                                                                                                                                                        | 24,000 hours                                                                                                                                                                                                              |                                                                                                                                                                                                                                                       |
|                                                           |                                                  | [QUIET]                                                                                                                                                      | 26,000 hours                                                                                                                                                                                                              |                                                                                                                                                                                                                                                       |
| Resolution                                                |                                                  |                                                                                                                                                              | 4K (3840 x 2400 dots) (Quad Pixel Drive: ON)                                                                                                                                                                              |                                                                                                                                                                                                                                                       |
| Contrast ratio <sup>1</sup>                               |                                                  |                                                                                                                                                              | 25,000:1 (All White/All Black, Dynamic Contrast [3])                                                                                                                                                                      |                                                                                                                                                                                                                                                       |
| Screen size (diagonal)                                    |                                                  |                                                                                                                                                              | 1.78-25.40 m [70-1000 in]<br>1.78-15.24 m [70-600 in] (with ET-D3LET80)<br>5.08-15.24 m [200-600 in] (with ET-D3LEW201, ET-D3LEU101)<br>3.05-15.24 m [120-600 in] (with ET-D75LE95)                                       |                                                                                                                                                                                                                                                       |
| Center to corner zone ratio <sup>1</sup>                  |                                                  |                                                                                                                                                              | 90%                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                       |
| Lens                                                      |                                                  |                                                                                                                                                              | Optional (no lens included with this model)                                                                                                                                                                               |                                                                                                                                                                                                                                                       |
| Lens shift<br>(From the origin point of the lens mounter) | Drive system                                     |                                                                                                                                                              | Powered                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                       |
|                                                           | Vertical                                         | ±55%<br>±44% (with ET-D3LEW60, ET-D3LEW600)<br>+68%, +78% (with ET-D75LE95)<br>±55% (with ET-D3LEU101)<br>±48% (with ET-D3LEW201)<br>±44% (with ET-D3LEW300) |                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                       |
|                                                           |                                                  | Horizontal                                                                                                                                                   | ±20%<br>±15% (with ET-D3LEW60, ET-D3LEW600)<br>±12% (with ET-D75LE95)<br>0, +25% (with ET-D3LEU101)<br>±15% (with ET-D3LEW201)<br>±15% (with ET-D3LEW300)                                                                 |                                                                                                                                                                                                                                                       |
| 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                                  |                                                                                                                                                                                                                                                       |
|                                                           | 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 signal input                                 |                                                                                                                                                              | Single link HD-SDI signal compliant with SMPTE ST 292 compliant<br>Single link 3G-SDI signal compliant with SMPTE ST 424, 425-2 compliant<br>Single link 12G-SDI signal compliant with SMPTE ST 2082-1, 2082-10 compliant |                                                                                                                                                                                                                                                       |
|                                                           | SDI Optical <sup>6</sup> signal input            |                                                                                                                                                              | Single link HD-SDI signal SMPTE ST 292 compliant<br>Single link 3G-SDI signal SMPTE ST 424, 425-2 compliant<br>Single link 12G-SDI signal SMPTE ST 2082-1, 2082-10 compliant                                              |                                                                                                                                                                                                                                                       |

## 3-Chip DLP™ Projector

## PT-RQ45K

|                              |                            |                                                                                                              |
|------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------|
| Terminals                    | <SDI IN>                   | BNC x 1<br>12G/3G/HD-SDI signals compatible                                                                  |
|                              | <HDMI™ 1 IN>               | HDMI™ x 1<br>HDCP 2.3 compatible, Deep Color compatible                                                      |
|                              | <HDMI™ 2 IN>               | HDMI™ x 1<br>HDCP 2.3 compatible, Deep Color compatible                                                      |
|                              | <MULTI PROJECTOR SYNC IN>  | BNC x 1<br>TTL high impedance                                                                                |
|                              | <MULTI PROJECTOR SYNC OUT> | BNC x 1<br>TTL output: Maximum 10mA                                                                          |
|                              | <SERIAL IN>                | D-Sub 9-pin (female) x 1<br>for external control (RS-232C compliant)                                         |
|                              | <REMOTE IN>                | M3 Stereo mini jack x 1<br>for wired remote control/ for projector connection control                        |
|                              | <REMOTE OUT>               | M3 Stereo mini jack x 1<br>for wired remote control/ for projector connection control                        |
|                              | <LAN>                      | RJ-45 x 1<br>for network connection, PJLink™ (Class2) compatible,<br>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 only (DC 5 V, Maximum 2A)                                     |
|                              | <SLOT>                     | Intel® SDM specification, for installing the Function Board                                                  |
| Power cord length            |                            | 3.0 m [9 ft 10 in]                                                                                           |
| Cabinet materials            |                            | Molded plastic                                                                                               |
| Dimension                    | Width                      | 598 mm [23 17/32 in] (excluding protrusions)                                                                 |
|                              | Height                     | 352 mm [13 27/32 in] (excluding protrusions)                                                                 |
|                              | Depth                      | 780 mm [30 23/32 in] (excluding protrusions)                                                                 |
| Weight <sup>7</sup>          |                            | 70 kg or less (154.32 lbs.)                                                                                  |
| Operating noise <sup>1</sup> |                            | [NORMAL] 49 dB                                                                                               |
|                              |                            | [ECO] 49 dB                                                                                                  |
|                              |                            | [QUIET] 46 dB                                                                                                |
| Laser Classification         | Laser Class                | USA and Canada: Class 3R (IEC 60825-1:2007)<br>Other countries or regions: Class 1 (IEC/EN 60825-1:2014)     |
|                              | Risk Group                 | Risk Group 3 (IEC 62471-5:2015)                                                                              |
| Operating environment        | Operating temperature      | 0-45 °C (32-113 °F) <sup>8</sup>                                                                             |
|                              | Operating humidity         | 10-80 % (no condensation)                                                                                    |

## Remote control unit

|                 |        |                                                                                |
|-----------------|--------|--------------------------------------------------------------------------------|
| Power supply    |        | 3 V DC (AA/R6/LR6 battery x 2)                                                 |
| Operation range |        | Approx. 30 m [98 ft 5 in] (when operated directly in front of signal receiver) |
| Dimensions      | Width  | 47.5 mm [1 7/8 in]                                                             |
|                 | Height | 181.5 mm [7 5/32 in]                                                           |
|                 | Depth  | 27.5 mm [1 3/32 in]                                                            |
| Weight          |        | Approx. 150 g (5.3 ozs) (including batteries)                                  |

## Supplied accessories

Power cord<sup>9</sup>  
 Lens hole cover (x1)  
 Wireless/wired remote control unit (x1)  
 Batteries for remote control (AA/R6 or AA/LR6 battery x 2)  
 Lens fixing screw (x1)

## Other Applications

Multi Monitoring & Control Software (for Windows)  
 Visual Software Suite (for Windows)  
 Smart Projector Control (for iOS/Android™)  
 Projector Network Setup Software (for Windows)

## Optional accessories

|                                                      |                                             |                                                                                                                                                                                          |
|------------------------------------------------------|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lens<br>*( ) is the throw ratio for 16:10 projection | Fixed-Focus Lens                            | ET-D3LEU101 (0.370:1)                                                                                                                                                                    |
|                                                      |                                             | ET-D3LEW50 (0.694:1)                                                                                                                                                                     |
|                                                      |                                             | ET-D75LE95 (0.364:1)                                                                                                                                                                     |
|                                                      | Fisheye Lens                                | ET-D3LEF70                                                                                                                                                                               |
|                                                      | Zoom lens                                   | ET-D3LEW201 (0.645-0.850:1)                                                                                                                                                              |
|                                                      |                                             | ET-D3LEW300 (0.770-0.933:1)                                                                                                                                                              |
|                                                      |                                             | ET-D3LEW600 (0.924-1.28:1)                                                                                                                                                               |
|                                                      |                                             | ET-D3LEW10 (1.26-1.72:1)                                                                                                                                                                 |
|                                                      |                                             | ET-D3LES250 (1.67-2.41:1) *Available from CY2026 Q2                                                                                                                                      |
|                                                      |                                             | ET-D3LES20 (1.67-2.41:1)                                                                                                                                                                 |
|                                                      |                                             | ET-D3LET30 (2.40-4.66:1)                                                                                                                                                                 |
|                                                      |                                             | ET-D3LET40 (4.61-7.41:1)                                                                                                                                                                 |
|                                                      | ET-D3LET80 (7.34-13.8:1)                    |                                                                                                                                                                                          |
| Lens Fixed Attachment                                |                                             | ET-PLF10/ET-PLF20                                                                                                                                                                        |
| Function Board                                       | 12G-SDI Terminal Board                      | TY-SB01QS                                                                                                                                                                                |
|                                                      | Wireless Presentation System Receiver Board | TY-SB01WP                                                                                                                                                                                |
|                                                      | DIGITAL LINK Terminal Board                 | TY-SB01DL                                                                                                                                                                                |
|                                                      | 12G-SDI Optical Function Board              | TY-SB01FB                                                                                                                                                                                |
|                                                      | Media Processor Board                       | ET-SBFMP10                                                                                                                                                                               |
| Wireless module                                      |                                             | AJ-WM50 Series<br>Note: The operating environment temperature should be between 0 °C (32°F) and 40 °C (104°F) when the optional Wireless Module (Model No.: AJ-WM50 Series) is attached. |
| NFC Upgrade Kit                                      |                                             | ET-NUK10<br>Note: Product availability may vary by country or region.                                                                                                                    |
| Media Processors                                     | Box-type                                    | ET-FMP50/ET-FMP20                                                                                                                                                                        |

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 Average light-output value of all shipped products measured at center of screen in [NORMAL] Mode.

3 When the ET-D3LES250 is attached and the power supply voltage is AC 200-240 V.

4 Around this time, light output will have decreased by approximately 50%. Dynamic Contrast [3], under conditions with 35°C (95°F), 700m (2297ft) above sea level, and 0.15mg/m³ of particulate matter. Estimated time until light output declines to 50% varies depending on environment.

5 This is supported when the optional DIGITAL LINK Terminal Board (Model No.: TY-SB01DL) is installed in the slot.

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

7 Average value. May differ depending on the actual unit.

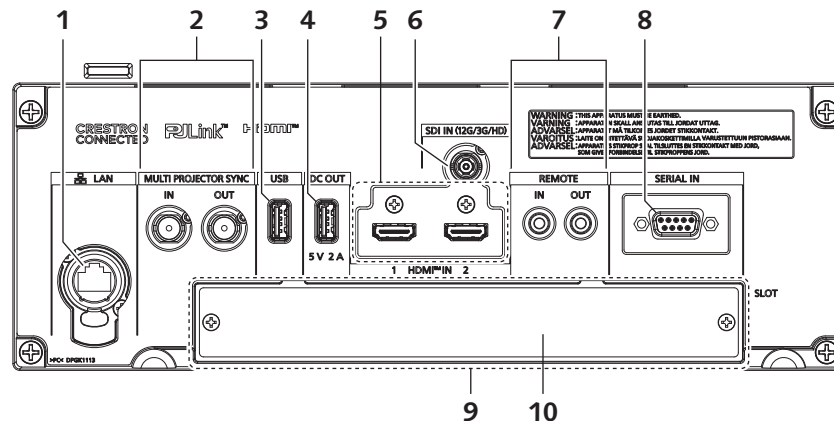
8 The operating environment temperature should be between 0°C (32°F) and 40°C (104°F) if the projector is used at an altitude between 1,400m (4,593ft) and 4,200m (13,780ft) above sealevel. Note that altitude of 4,200m (13,780ft) above sea level is the maximum height that the performance of this projector is guaranteed.

The operating environment temperature should be between 0°C (32°F) and 40°C (104°F) when the optional Wireless Module (Model No.: AJ-WM50 Series) is attached.

Additionally, if the projector is used at an altitude of less than 2,700m (8,858ft) with the operating environment temperature of 35°C (95°F) or higher, or at an altitude between 2,700m (8,858ft) and 4,200m (13,780ft), the light output may be reduced to protect the projector.

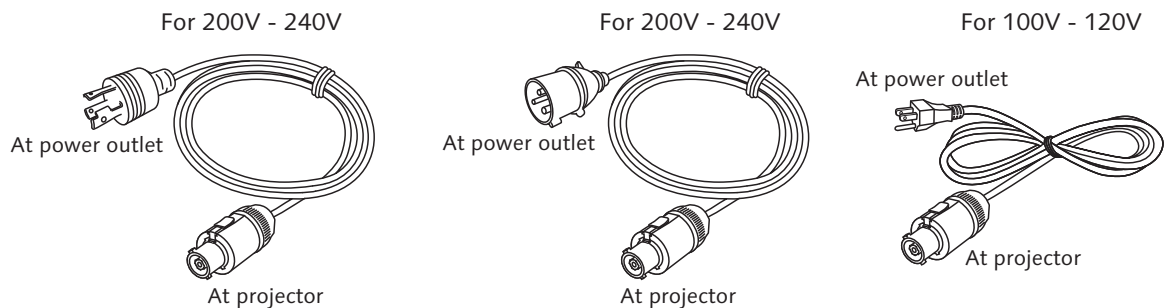
9 The type and number of the supplied power cords vary depending on the country or region where you purchased the product.

## Terminals



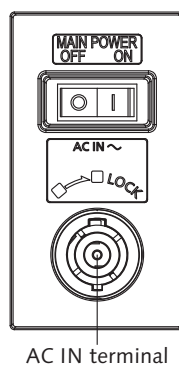
|   |                                                      |    |                       |
|---|------------------------------------------------------|----|-----------------------|
| 1 | LAN                                                  | 6  | SDI IN (12G/3G/HD)    |
| 2 | MULTI PROJECTOR SYNC IN/<br>MULTI PROJECTOR SYNC OUT | 7  | REMOTE IN/ REMOTE OUT |
| 3 | USB                                                  | 8  | SERIAL IN             |
| 4 | DC OUT                                               | 9  | Intel® SDM SLOT       |
| 5 | HDMI™ 1 IN/HDMI™ 2 IN                                | 10 | SLOT Cover            |

## Power cord



At projector

Power outlets that can be used



AC IN terminal

2P/3W 30 A 250 V  
NEMA L6-302P/3W 30 A 250 V  
Clock position 6h

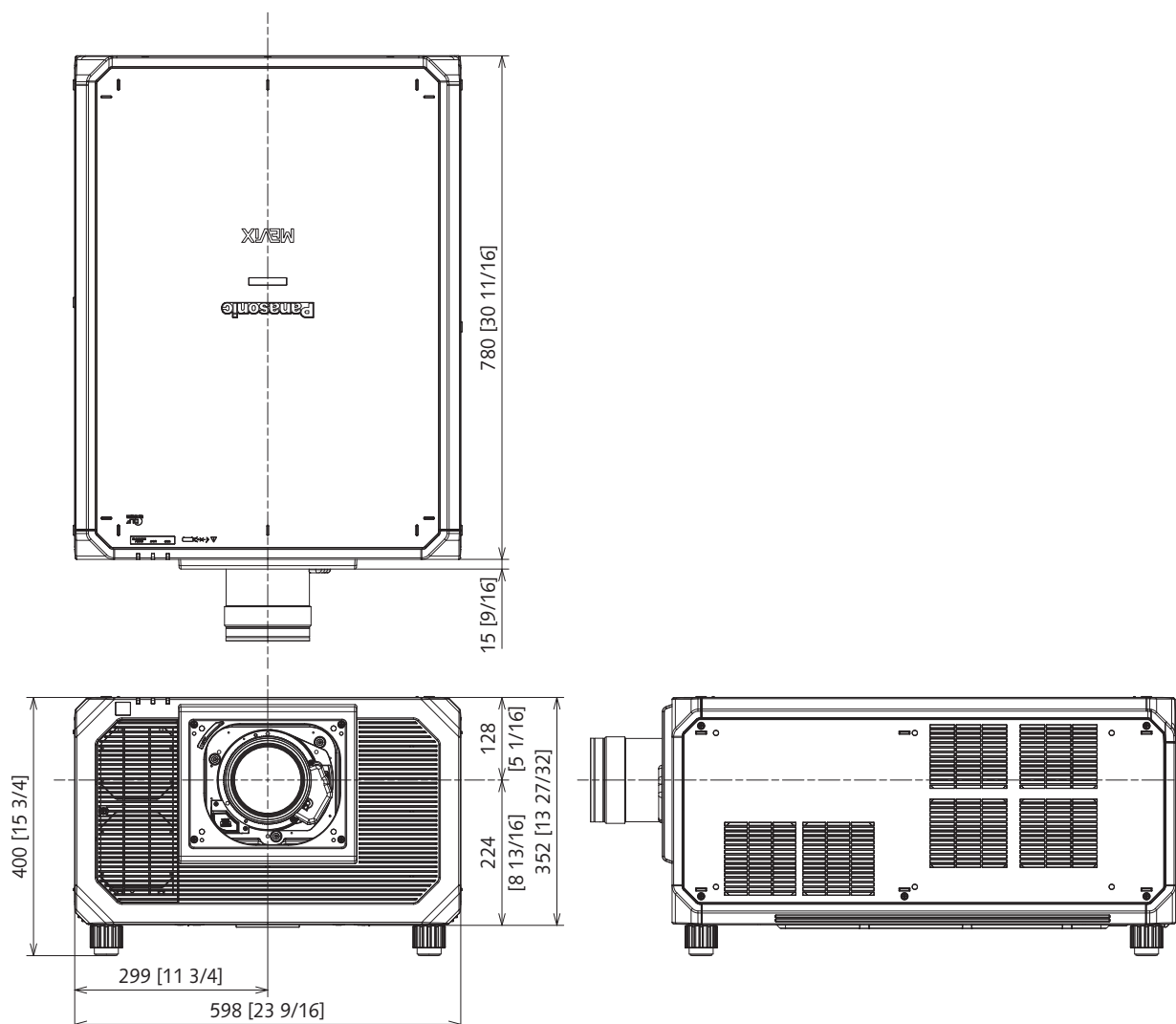
2P/3W 15 A 125 V

- This projector supports AC 100 V to AC 120 V, and AC 200 V to AC 240 V as the power supply. A grounded outlet supporting 30 A is required when using the projector with AC 200 V to AC 240 V. A grounded outlet supporting 15 A is required when using the projector with AC 100 V to AC 120 V.
- The shape of the usable outlet differs depending on the power supply. Following illustrations are examples.

## Dimensions

unit : mm [inch]

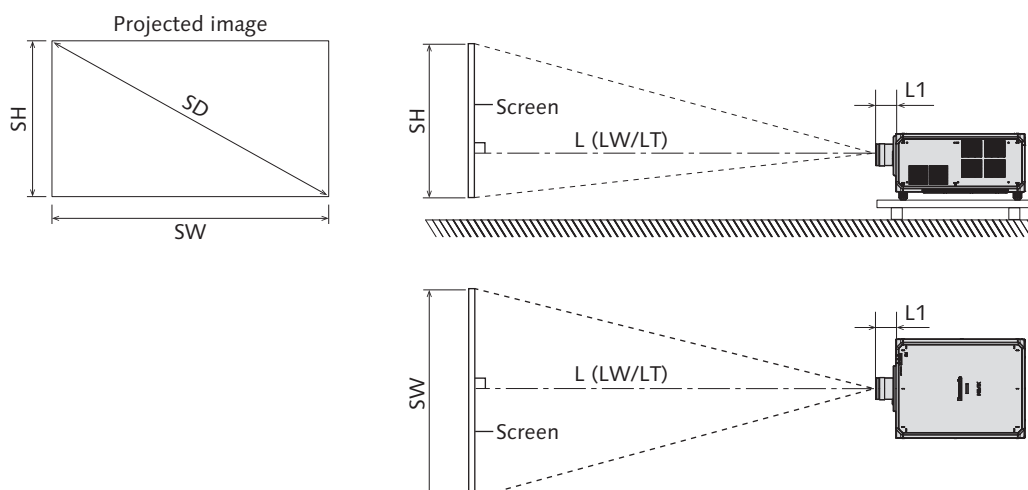
NOTE: This illustration is not drawn to scale.



## Projection relationship diagram

(All lenses excluding ET-D3LEW201, ET-D3LEU101, ET-D75LE95)

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 Zoom lens (Model No.: ET-D3LEW201) Fixed-focus Lens (Model No.: ET-D3LEU101, ET-D75LE95) or the Fisheye Lens (Model No.: ET-D3LEF70) is used, the projection relation between the screen and the projector differs from that of other lenses.



### Note

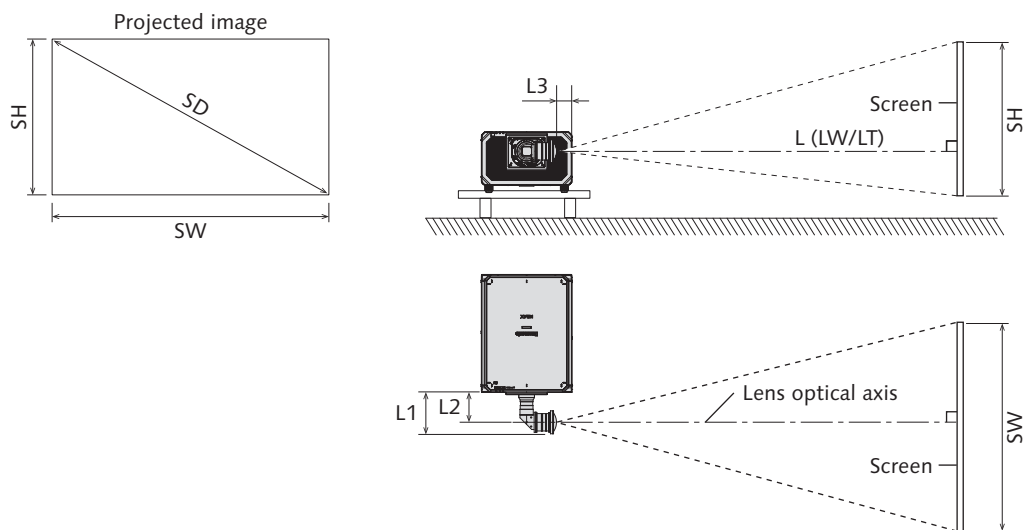
- This diagram assumes that the size and position of the projected image will be adjusted so that the image fits the entire screen.
- This illustration is not drawn to scale.
- The values are approximate.

|    |                                                        |
|----|--------------------------------------------------------|
| SH | Projected image height                                 |
| SW | Projected image width                                  |
| SD | Projected image size                                   |
| L  | Projection distance                                    |
| LW | Minimum projection distance when the Zoom Lens is used |
| LT | Maximum projection distance when the Zoom Lens is used |
| L1 | Distance from front of projector to edge of lens       |

unit : m

| Projection lens Model No. | Lens protrusion dimensions (L1) |
|---------------------------|---------------------------------|
| ET-D3LEW300               | 0.273                           |
| ET-D3LEW10                | 0.210                           |
| ET-D3LES250               | 0.126                           |
| ET-D3LES20                | 0.121                           |
| ET-D3LET30                | 0.180                           |
| ET-D3LET40                | 0.130                           |
| ET-D3LEW50                | 0.203                           |
| ET-D3LEW60                | 0.212                           |
| ET-D3LEW600               | 0.232                           |
| ET-D3LET80                | 0.262                           |

### Projection relationship diagram (ET-D3LEU101, ET-D3LEW201)



#### Note

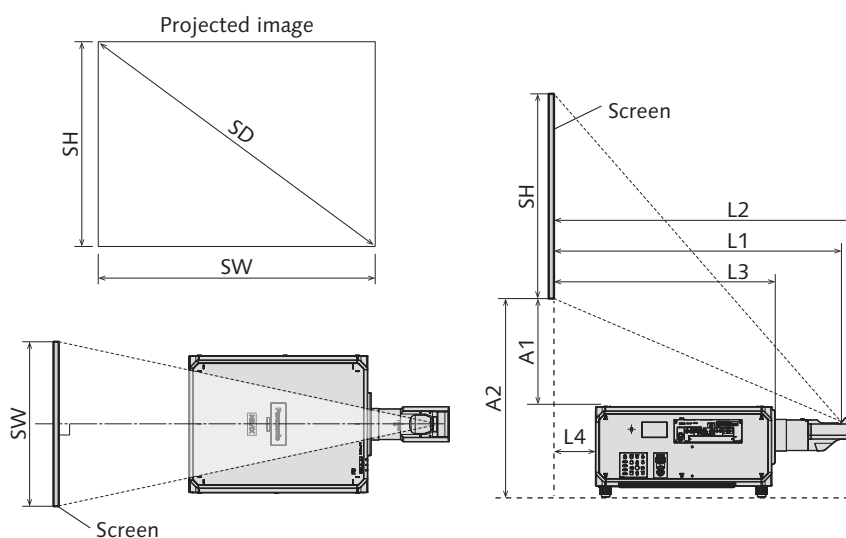
- This diagram assumes that the size and position of the projected image will be adjusted so that the image fits the entire screen.
- This illustration is not drawn to scale.
- The values are approximate.

|    |                                                        |
|----|--------------------------------------------------------|
| SH | Projected image height                                 |
| SW | Projected image width                                  |
| SD | Projected image size                                   |
| L  | Projection distance                                    |
| LW | Minimum projection distance when the Zoom Lens is used |
| LT | Maximum projection distance when the Zoom Lens is used |
| L1 | Distance from front of projector to edge of lens       |
| L2 | Distance from front of projector to center of lens     |
| L3 | Distance from side of projector to center of lens      |

unit : m

| Projection lens Model No. | Lens protrusion dimension (L1) | Position of the lens optical axis (L2) | Position of the lens apex (L3) |
|---------------------------|--------------------------------|----------------------------------------|--------------------------------|
| ET-D3LEU101               | 0.29                           | 0.21                                   | 0.10                           |
| ET-D3LEW201               | 0.35                           | 0.26                                   | 0.13                           |

## Projection relationship diagram (ET-D75LE95)



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

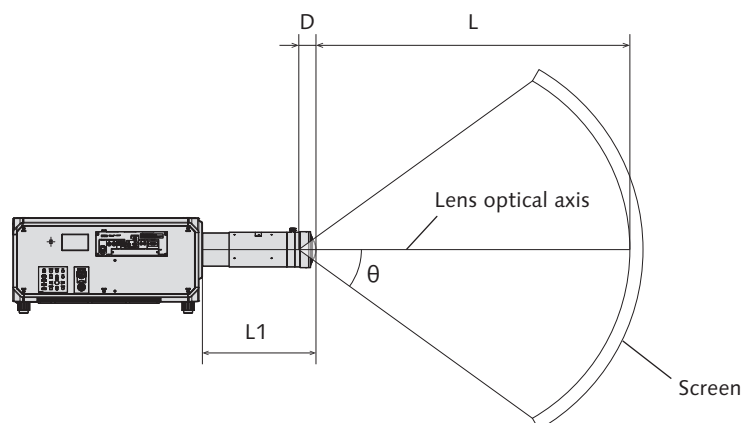
<sup>1</sup> The mirror reflection surface cannot be seen from the outside, because it is located inside the Fixed-focus Lens.

unit : m

| Distance from the projector to the screen | Formula      |
|-------------------------------------------|--------------|
| L2                                        | = L1 + 0.029 |
| L3                                        | = L1 - 0.292 |
| L4                                        | = L1 - 1.072 |
| A2                                        | = A1 + 0.400 |



### Projection relationship diagram (ET-D3LEF70)



#### 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.
- The values are approximate.

|    |                                                                |
|----|----------------------------------------------------------------|
| L  | Projection distance (From the front of the lens to the screen) |
| L1 | Distance from front of projector to edge of lens               |
| θ  | Projected angle                                                |
| D  | Exit pupil position                                            |

unit : m

|                                   |                                                                                                               |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------|
| Projection distance (L) range (m) | 2 - ∞                                                                                                         |
| L1 dimension                      | 0.385                                                                                                         |
| Exit pupil position (D) formula   | $= -10^{-8} \times \theta^3 - 3 \times 10^{-7} \times \theta^2 - 1.73 \times 10^{-5} \times \theta + 0.02342$ |

| Projected angle ( θ ) (degrees) | Exit pupil position (D) (m) <sup>1</sup> |
|---------------------------------|------------------------------------------|
| 10                              | 0.0232                                   |
| 20                              | 0.0229                                   |
| 30                              | 0.0224                                   |
| 40                              | 0.0216                                   |
| 50                              | 0.0206                                   |
| 60                              | 0.0191                                   |
| 70                              | 0.0173                                   |
| 80                              | 0.0150                                   |
| 91.6                            | 0.0116                                   |

<sup>1</sup> There may be slight discrepancies in the exit pupil positions.

## 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                    |        |             |            | Zoom lens                |           |               |           |              |           |              |           |             |           |             |           |             |           |             |           |
|------------------------------|--------|-------------|------------|--------------------------|-----------|---------------|-----------|--------------|-----------|--------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|
| Projection lens<br>Model No. |        |             |            | ET-D3LEW201 <sup>1</sup> |           | ET-D3LEW300   |           | ET-D3LEW60   |           | ET-D3LEW600  |           | ET-D3LEW10  |           | ET-D3LES250 |           | ET-D3LES20  |           | ET-D3LET30  |           |
| Throw ratio <sup>2</sup>     |        |             |            | 0.645-0.850:1            |           | 0.770-0.933:1 |           | 0.924-1.10:1 |           | 0.924-1.28:1 |           | 1.26-1.72:1 |           | 1.67-2.41:1 |           | 1.67-2.41:1 |           | 2.40-4.66:1 |           |
| Projection screen size       |        |             |            | Projection distance (L)  |           |               |           |              |           |              |           |             |           |             |           |             |           |             |           |
| Diagonal (SD)                |        | Height (SH) | Width (SW) | Min. (LW)                | Max. (LT) | Min. (LW)     | Max. (LT) | Min. (LW)    | Max. (LT) | Min. (LW)    | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) |
| m                            | inches |             |            |                          |           |               |           |              |           |              |           |             |           |             |           |             |           |             |           |
| 1.778                        | 70     | 0.942       | 1.508      | -                        | -         | 1.15          | 1.40      | 1.36         | 1.63      | 1.35         | 1.87      | 1.85        | 2.54      | 2.46        | 3.58      | 2.46        | 3.58      | 3.54        | 6.94      |
| 2.032                        | 80     | 1.077       | 1.723      | -                        | -         | 1.31          | 1.60      | 1.56         | 1.87      | 1.55         | 2.16      | 2.13        | 2.92      | 2.83        | 4.11      | 2.82        | 4.11      | 4.06        | 7.96      |
| 2.286                        | 90     | 1.212       | 1.939      | -                        | -         | 1.48          | 1.80      | 1.77         | 2.11      | 1.76         | 2.44      | 2.40        | 3.30      | 3.20        | 4.63      | 3.19        | 4.64      | 4.59        | 8.97      |
| 2.540                        | 100    | 1.346       | 2.154      | -                        | -         | 1.65          | 2.00      | 1.97         | 2.35      | 1.96         | 2.73      | 2.68        | 3.68      | 3.56        | 5.16      | 3.55        | 5.17      | 5.11        | 9.99      |
| 3.048                        | 120    | 1.615       | 2.585      | -                        | -         | 1.98          | 2.41      | 2.38         | 2.84      | 2.37         | 3.30      | 3.23        | 4.43      | 4.29        | 6.22      | 4.28        | 6.22      | 6.16        | 12.03     |
| 3.810                        | 150    | 2.019       | 3.231      | -                        | -         | 2.49          | 3.02      | 2.98         | 3.57      | 2.99         | 4.15      | 4.06        | 5.57      | 5.39        | 7.80      | 5.37        | 7.81      | 7.73        | 15.08     |
| 5.080                        | 200    | 2.692       | 4.308      | 2.78                     | 3.66      | 3.32          | 4.03      | 4.00         | 4.78      | 4.01         | 5.58      | 5.44        | 7.45      | 7.22        | 10.44     | 7.19        | 10.45     | 10.34       | 20.17     |
| 6.350                        | 250    | 3.365       | 5.385      | 3.50                     | 4.61      | 4.16          | 5.04      | 5.01         | 6.00      | 5.03         | 7.00      | 6.83        | 9.34      | 9.04        | 13.08     | 9.00        | 13.09     | 12.96       | 25.26     |
| 7.620                        | 300    | 4.039       | 6.462      | 4.22                     | 5.55      | 5.00          | 6.05      | 6.02         | 7.21      | 6.05         | 8.42      | 8.21        | 11.23     | 10.87       | 15.72     | 10.82       | 15.73     | 15.58       | 30.35     |
| 8.890                        | 350    | 4.712       | 7.539      | 4.94                     | 6.49      | 5.83          | 7.07      | 7.04         | 8.42      | 7.08         | 9.85      | 9.59        | 13.12     | 12.70       | 18.36     | 12.64       | 18.37     | 18.20       | 35.45     |
| 10.160                       | 400    | 5.385       | 8.616      | 5.66                     | 7.44      | 6.67          | 8.08      | 8.05         | 9.64      | 8.10         | 11.27     | 10.97       | 15.01     | 14.53       | 21.00     | 14.46       | 21.01     | 20.81       | 40.54     |
| 12.700                       | 500    | 6.731       | 10.770     | 7.09                     | 9.32      | 8.35          | 10.11     | 10.08        | 12.07     | 10.15        | 14.12     | 13.74       | 18.79     | 18.18       | 26.28     | 18.09       | 26.29     | 26.05       | 50.72     |
| 15.240                       | 600    | 8.077       | 12.923     | 8.53                     | 11.21     | 10.02         | 12.13     | 12.10        | 14.49     | 12.19        | 16.96     | 16.50       | 22.57     | 21.84       | 31.56     | 21.73       | 31.58     | 31.28       | 60.90     |
| 17.780                       | 700    | 9.423       | 15.077     | -                        | -         | 11.70         | 14.16     | 14.13        | 16.92     | 14.24        | 19.81     | 19.27       | 26.35     | 25.49       | 36.84     | 25.36       | 36.86     | 36.52       | 71.08     |
| 20.320                       | 800    | 10.770      | 17.231     | -                        | -         | 13.37         | 16.18     | 16.16        | 19.35     | 16.28        | 22.66     | 22.03       | 30.13     | 29.15       | 42.12     | 29.00       | 42.14     | 41.75       | 81.26     |
| 22.860                       | 900    | 12.116      | 19.385     | -                        | -         | 15.05         | 18.21     | 18.18        | 21.78     | 18.33        | 25.51     | 24.80       | 33.90     | 32.80       | 47.40     | 32.63       | 47.42     | 46.99       | 91.44     |
| 25.400                       | 1000   | 13.462      | 21.539     | -                        | -         | 16.72         | 20.24     | 20.21        | 24.21     | 20.37        | 28.35     | 27.56       | 37.68     | 36.46       | 52.69     | 36.27       | 52.70     | 52.22       | 101.62    |

| Lens type                 |        |             |            | Zoom lens               |           |             |           | Fixed-Focus Lens         |            |                          |                                               |           |
|---------------------------|--------|-------------|------------|-------------------------|-----------|-------------|-----------|--------------------------|------------|--------------------------|-----------------------------------------------|-----------|
| Projection lens Model No. |        |             |            | ET-D3LET40              |           | ET-D3LET80  |           | ET-D3LEU101 <sup>1</sup> | ET-D3LEW50 | ET-D75LE95 <sup>1</sup>  |                                               |           |
| Throw ratio <sup>2</sup>  |        |             |            | 4.61-7.41:1             |           | 7.34-13.8:1 |           | 0.370:1                  | 0.694:1    | 0.364:1                  |                                               |           |
| Projection screen size    |        |             |            | Projection distance (L) |           |             |           |                          |            | Projection distance (L1) | Distance between the projector and the screen |           |
| Diagonal (SD)             |        | Height (SH) | Width (SW) | Min. (LW)               | Max. (LT) | Min. (LW)   | Max. (LT) | Fixed                    | Fixed      |                          | (L4)                                          | (A1)      |
| m                         | inches |             |            |                         |           |             |           |                          |            |                          |                                               |           |
| 1.778                     | 70     | 0.942       | 1.508      | 6.86                    | 11.08     | 10.85       | 20.69     | -                        | 1.01       | -                        | -                                             | -         |
| 2.032                     | 80     | 1.077       | 1.723      | 7.86                    | 12.68     | 12.45       | 23.70     | -                        | 1.16       | -                        | -                                             | -         |
| 2.286                     | 90     | 1.212       | 1.939      | 8.86                    | 14.29     | 14.06       | 26.71     | -                        | 1.32       | -                        | -                                             | -         |
| 2.540                     | 100    | 1.346       | 2.154      | 9.87                    | 15.90     | 15.66       | 29.71     | -                        | 1.47       | -                        | -                                             | -         |
| 3.048                     | 120    | 1.615       | 2.585      | 11.87                   | 19.12     | 18.88       | 35.73     | -                        | 1.78       | 0.94                     | -0.13                                         | 0.17-0.33 |
| 3.810                     | 150    | 2.019       | 3.231      | 14.88                   | 23.94     | 23.69       | 44.75     | -                        | 2.24       | 1.18                     | 0.10                                          | 0.24-0.44 |
| 5.080                     | 200    | 2.692       | 4.308      | 19.90                   | 31.99     | 31.72       | 59.79     | 1.59                     | 3.01       | 1.56                     | 0.49                                          | 0.37-0.63 |
| 6.350                     | 250    | 3.365       | 5.385      | 24.92                   | 40.03     | 39.74       | 74.82     | 2.01                     | 3.78       | 1.95                     | 0.87                                          | 0.49-0.82 |
| 7.620                     | 300    | 4.039       | 6.462      | 29.93                   | 48.07     | 47.77       | 89.86     | 2.42                     | 4.56       | 2.33                     | 1.26                                          | 0.62-1.02 |
| 8.890                     | 350    | 4.712       | 7.539      | 34.95                   | 56.12     | 55.79       | 104.90    | 2.84                     | 5.33       | 2.72                     | 1.64                                          | 0.74-1.21 |
| 10.160                    | 400    | 5.385       | 8.616      | 39.97                   | 64.16     | 63.82       | 119.94    | 3.25                     | 6.10       | 3.10                     | 2.03                                          | 0.86-1.40 |
| 12.700                    | 500    | 6.731       | 10.770     | 50.00                   | 80.24     | 79.87       | 150.01    | 4.08                     | 7.64       | 3.87                     | 2.80                                          | 1.11-1.78 |
| 15.240                    | 600    | 8.077       | 12.923     | 60.03                   | 96.33     | 95.92       | 180.08    | 4.91                     | 9.18       | 4.64                     | 3.57                                          | 1.36-2.16 |
| 17.780                    | 700    | 9.423       | 15.077     | 70.07                   | 112.42    | 111.97      | -         | -                        | 10.72      | -                        | -                                             | -         |
| 20.320                    | 800    | 10.770      | 17.231     | 80.10                   | 128.50    | 128.02      | -         | -                        | 12.27      | -                        | -                                             | -         |
| 22.860                    | 900    | 12.116      | 19.385     | 90.14                   | 144.59    | 144.07      | -         | -                        | 13.81      | -                        | -                                             | -         |
| 25.400                    | 1000   | 13.462      | 21.539     | 100.17                  | 160.67    | 160.13      | -         | -                        | 15.35      | -                        | -                                             | -         |

1 When the Zoom lens (Model No.: ET-D3LEW201) Fixed-focus Lens (Model No.: ET-D3LEU101, ET-D75LE95) or the Fisheye Lens (Model No.: ET-D3LEF70) is used, the projection relation between the screen and the projector differs from that of other lenses.

2 The throw ratio is based on the value during projection with the projected image size of 150 in.

Screen aspect ratio 16:10

Unit: feet

| Lens type                 |        |             |            | Zoom lens                |           |               |           |              |           |              |           |             |           |             |           |             |           |             |           |
|---------------------------|--------|-------------|------------|--------------------------|-----------|---------------|-----------|--------------|-----------|--------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|
| Projection lens Model No. |        |             |            | ET-D3LEW201 <sup>1</sup> |           | ET-D3LEW300   |           | ET-D3LEW60   |           | ET-D3LEW600  |           | ET-D3LEW10  |           | ET-D3LES250 |           | ET-D3LES20  |           | ET-D3LET30  |           |
| Throw ratio <sup>2</sup>  |        |             |            | 0.645-0.850:1            |           | 0.770-0.933:1 |           | 0.924-1.10:1 |           | 0.924-1.28:1 |           | 1.26-1.72:1 |           | 1.67-2.41:1 |           | 1.67-2.41:1 |           | 2.40-4.66:1 |           |
| Projection screen size    |        |             |            | Projection distance (L)  |           |               |           |              |           |              |           |             |           |             |           |             |           |             |           |
| Diagonal (SD)             |        | Height (SH) | Width (SW) | Min. (LW)                | Max. (LT) | Min. (LW)     | Max. (LT) | Min. (LW)    | Max. (LT) | Min. (LW)    | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) |
| m                         | inches |             |            |                          |           |               |           |              |           |              |           |             |           |             |           |             |           |             |           |
| 1.778                     | 70     | 0.942       | 1.508      | -                        | -         | 3.77          | 4.59      | 4.46         | 5.35      | 4.42         | 6.15      | 6.07        | 8.33      | 8.09        | 11.74     | 8.07        | 11.75     | 11.61       | 22.77     |
| 2.032                     | 80     | 1.077       | 1.723      | -                        | -         | 4.30          | 5.25      | 5.12         | 6.14      | 5.10         | 7.08      | 6.99        | 9.58      | 9.28        | 13.47     | 9.25        | 13.48     | 13.32       | 26.12     |
| 2.286                     | 90     | 1.212       | 1.939      | -                        | -         | 4.86          | 5.91      | 5.81         | 6.92      | 5.77         | 8.02      | 7.87        | 10.83     | 10.48       | 15.20     | 10.47       | 15.22     | 15.06       | 29.43     |
| 2.540                     | 100    | 1.346       | 2.154      | -                        | -         | 5.41          | 6.56      | 6.46         | 7.71      | 6.44         | 8.95      | 8.79        | 12.07     | 11.68       | 16.93     | 11.65       | 16.96     | 16.76       | 32.78     |
| 3.048                     | 120    | 1.615       | 2.585      | -                        | -         | 6.50          | 7.91      | 7.81         | 9.32      | 7.78         | 10.82     | 10.60       | 14.53     | 14.08       | 20.40     | 14.04       | 20.41     | 20.21       | 39.47     |
| 3.810                     | 150    | 2.019       | 3.231      | -                        | -         | 8.17          | 9.91      | 9.78         | 11.71     | 9.79         | 13.62     | 13.32       | 18.27     | 17.68       | 25.60     | 17.62       | 25.62     | 25.36       | 49.47     |
| 5.080                     | 200    | 2.692       | 4.308      | 9.12                     | 12.01     | 10.89         | 13.22     | 13.12        | 15.68     | 13.15        | 18.29     | 17.85       | 24.44     | 23.67       | 34.26     | 23.59       | 34.28     | 33.92       | 66.17     |
| 6.350                     | 250    | 3.365       | 5.385      | 11.48                    | 15.12     | 13.65         | 16.54     | 16.44        | 19.68     | 16.51        | 22.96     | 22.41       | 30.64     | 29.67       | 42.92     | 29.53       | 42.95     | 42.52       | 82.87     |
| 7.620                     | 300    | 4.039       | 6.462      | 13.84                    | 18.21     | 16.40         | 19.85     | 19.75        | 23.65     | 19.86        | 27.63     | 26.94       | 36.84     | 35.67       | 51.58     | 35.50       | 51.61     | 51.11       | 99.57     |
| 8.890                     | 350    | 4.712       | 7.539      | 16.21                    | 21.29     | 19.13         | 23.20     | 23.10        | 27.62     | 23.22        | 32.30     | 31.46       | 43.04     | 41.66       | 60.25     | 41.47       | 60.27     | 59.71       | 116.30    |
| 10.160                    | 400    | 5.385       | 8.616      | 18.57                    | 24.41     | 21.88         | 26.51     | 26.41        | 31.63     | 26.57        | 36.97     | 35.99       | 49.24     | 47.66       | 68.91     | 47.44       | 68.93     | 68.27       | 133.00    |
| 12.700                    | 500    | 6.731       | 10.770     | 23.26                    | 30.58     | 27.39         | 33.17     | 33.07        | 39.60     | 33.28        | 46.32     | 45.08       | 61.65     | 59.65       | 86.23     | 59.35       | 86.25     | 85.46       | 166.40    |
| 15.240                    | 600    | 8.077       | 12.923     | 27.99                    | 36.78     | 32.87         | 39.80     | 39.70        | 47.54     | 40.00        | 55.66     | 54.13       | 74.05     | 71.64       | 103.56    | 71.29       | 103.61    | 102.62      | 199.80    |
| 17.780                    | 700    | 9.423       | 15.077     | -                        | -         | 38.39         | 46.46     | 46.36        | 55.51     | 46.71        | 65.00     | 63.22       | 86.45     | 83.63       | 120.88    | 83.20       | 120.93    | 119.81      | 233.20    |
| 20.320                    | 800    | 10.770      | 17.231     | -                        | -         | 43.86         | 53.08     | 53.02        | 63.48     | 53.42        | 74.34     | 72.28       | 98.85     | 95.62       | 138.20    | 95.14       | 138.25    | 136.97      | 266.60    |
| 22.860                    | 900    | 12.116      | 19.385     | -                        | -         | 49.38         | 59.74     | 59.64        | 71.46     | 60.13        | 83.68     | 81.36       | 111.22    | 107.62      | 155.53    | 107.05      | 155.58    | 154.16      | 300.00    |
| 25.400                    | 1000   | 13.462      | 21.539     | -                        | -         | 54.85         | 66.40     | 66.30        | 79.43     | 66.84        | 93.02     | 90.42       | 123.62    | 119.61      | 172.85    | 118.99      | 172.90    | 171.32      | 333.39    |

| Lens type                 |        |             |            | Zoom lens               |             |                          |            | Fixed-Focus Lens        |       |                          |                                               |           |      |
|---------------------------|--------|-------------|------------|-------------------------|-------------|--------------------------|------------|-------------------------|-------|--------------------------|-----------------------------------------------|-----------|------|
| Projection lens Model No. |        |             |            | ET-D3LET40              | ET-D3LET80  | ET-D3LEU101 <sup>1</sup> | ET-D3LEW50 | ET-D75LE95 <sup>1</sup> |       |                          |                                               |           |      |
| Throw ratio <sup>2</sup>  |        |             |            | 4.61-7.41:1             | 7.34-13.8:1 | 0.370:1                  | 0.694:1    | 0.364:1                 |       |                          |                                               |           |      |
| Projection screen size    |        |             |            | Projection distance (L) |             |                          |            |                         |       | Projection distance (L1) | Distance between the projector and the screen |           |      |
| Diagonal (SD)             |        | Height (SH) | Width (SW) | Min. (LW)               | Max. (LT)   | Min. (LW)                | Max. (LT)  | Fixed                   | Fixed |                          | (L4)                                          |           | (A1) |
| m                         | inches |             |            |                         |             |                          |            |                         |       |                          |                                               |           |      |
| 1.778                     | 70     | 0.942       | 1.508      | 22.51                   | 36.35       | 35.60                    | 67.88      | -                       | 3.31  | -                        | -                                             | -         | -    |
| 2.032                     | 80     | 1.077       | 1.723      | 25.79                   | 41.60       | 40.85                    | 77.75      | -                       | 3.81  | -                        | -                                             | -         | -    |
| 2.286                     | 90     | 1.212       | 1.939      | 29.07                   | 46.88       | 46.13                    | 87.63      | -                       | 4.33  | -                        | -                                             | -         | -    |
| 2.540                     | 100    | 1.346       | 2.154      | 32.38                   | 52.16       | 51.38                    | 97.47      | -                       | 4.82  | -                        | -                                             | -         | -    |
| 3.048                     | 120    | 1.615       | 2.585      | 38.94                   | 62.73       | 61.94                    | 117.22     | -                       | 5.84  | 3.08                     | -0.43                                         | 0.56-1.08 |      |
| 3.810                     | 150    | 2.019       | 3.231      | 48.82                   | 78.54       | 77.72                    | 146.82     | -                       | 7.35  | 3.87                     | 0.33                                          | 0.79-1.44 |      |
| 5.080                     | 200    | 2.692       | 4.308      | 65.29                   | 104.95      | 104.07                   | 196.16     | 5.22                    | 9.88  | 5.12                     | 1.61                                          | 1.21-2.07 |      |
| 6.350                     | 250    | 3.365       | 5.385      | 81.76                   | 131.33      | 130.38                   | 245.47     | 6.59                    | 12.40 | 6.40                     | 2.85                                          | 1.61-2.69 |      |
| 7.620                     | 300    | 4.039       | 6.462      | 98.19                   | 157.71      | 156.72                   | 294.81     | 7.94                    | 14.96 | 7.64                     | 4.13                                          | 2.03-3.35 |      |
| 8.890                     | 350    | 4.712       | 7.539      | 114.66                  | 184.12      | 183.04                   | 344.16     | 9.32                    | 17.49 | 8.92                     | 5.38                                          | 2.43-3.97 |      |
| 10.160                    | 400    | 5.385       | 8.616      | 131.13                  | 210.50      | 209.38                   | 393.50     | 10.66                   | 20.01 | 10.17                    | 6.66                                          | 2.82-4.59 |      |
| 12.700                    | 500    | 6.731       | 10.770     | 164.04                  | 263.25      | 262.04                   | 492.15     | 13.39                   | 25.07 | 12.70                    | 9.19                                          | 3.64-5.84 |      |
| 15.240                    | 600    | 8.077       | 12.923     | 196.95                  | 316.04      | 314.69                   | 590.81     | 16.11                   | 30.12 | 15.22                    | 11.71                                         | 4.46-7.09 |      |
| 17.780                    | 700    | 9.423       | 15.077     | 229.89                  | 368.83      | 367.35                   | -          | -                       | 35.17 | -                        | -                                             | -         |      |
| 20.320                    | 800    | 10.770      | 17.231     | 262.79                  | 421.58      | 420.01                   | -          | -                       | 40.26 | -                        | -                                             | -         |      |
| 22.860                    | 900    | 12.116      | 19.385     | 295.73                  | 474.37      | 472.66                   | -          | -                       | 45.31 | -                        | -                                             | -         |      |
| 25.400                    | 1000   | 13.462      | 21.539     | 328.64                  | 527.13      | 525.35                   | -          | -                       | 50.36 | -                        | -                                             | -         |      |

1 When the Zoom lens (Model No.: ET-D3LEW201) Fixed-focus Lens (Model No.: ET-D3LEU101, ET-D75LE95) or the Fisheye Lens (Model No.: ET-D3LEF70) is used, the projection relation between the screen and the projector differs from that of other lenses.

2 The throw ratio is based on the value during projection with the projected image size of 150 in.

Screen aspect ratio 16:9

Unit: meters

| Lens type                 |        |             |            | Zoom lens                |           |               |           |              |           |              |           |             |           |             |           |             |           |             |           |
|---------------------------|--------|-------------|------------|--------------------------|-----------|---------------|-----------|--------------|-----------|--------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|
| Projection lens Model No. |        |             |            | ET-D3LEW201 <sup>1</sup> |           | ET-D3LEW300   |           | ET-D3LEW60   |           | ET-D3LEW600  |           | ET-D3LEW10  |           | ET-D3LES250 |           | ET-D3LES20  |           | ET-D3LET30  |           |
| Throw ratio <sup>2</sup>  |        |             |            | 0.646-0.851:1            |           | 0.770-0.933:1 |           | 0.924-1.10:1 |           | 0.925-1.28:1 |           | 1.26-1.72:1 |           | 1.67-2.41:1 |           | 1.67-2.41:1 |           | 2.40-4.66:1 |           |
| Projection screen size    |        |             |            | Projection distance (L)  |           |               |           |              |           |              |           |             |           |             |           |             |           |             |           |
| Diagonal (SD)             |        | Height (SH) | Width (SW) | Min. (LW)                | Max. (LT) | Min. (LW)     | Max. (LT) | Min. (LW)    | Max. (LT) | Min. (LW)    | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) |
| m                         | inches |             |            |                          |           |               |           |              |           |              |           |             |           |             |           |             |           |             |           |
| 1.778                     | 70     | 0.872       | 1.550      | -                        | -         | 1.18          | 1.44      | 1.40         | 1.67      | 1.39         | 1.93      | 1.90        | 2.62      | 2.54        | 3.68      | 2.53        | 3.68      | 3.64        | 7.14      |
| 2.032                     | 80     | 0.996       | 1.771      | -                        | -         | 1.35          | 1.64      | 1.61         | 1.92      | 1.60         | 2.22      | 2.19        | 3.00      | 2.91        | 4.22      | 2.91        | 4.23      | 4.18        | 8.18      |
| 2.286                     | 90     | 1.121       | 1.992      | -                        | -         | 1.52          | 1.85      | 1.82         | 2.17      | 1.81         | 2.52      | 2.47        | 3.39      | 3.29        | 4.77      | 3.28        | 4.77      | 4.72        | 9.23      |
| 2.540                     | 100    | 1.245       | 2.214      | -                        | -         | 1.69          | 2.06      | 2.03         | 2.42      | 2.02         | 2.81      | 2.76        | 3.78      | 3.66        | 5.31      | 3.65        | 5.31      | 5.25        | 10.28     |
| 3.048                     | 120    | 1.494       | 2.657      | -                        | -         | 2.04          | 2.48      | 2.44         | 2.92      | 2.44         | 3.39      | 3.32        | 4.56      | 4.41        | 6.39      | 4.40        | 6.40      | 6.33        | 12.37     |
| 3.810                     | 150    | 1.868       | 3.321      | -                        | -         | 2.55          | 3.10      | 3.07         | 3.67      | 3.07         | 4.27      | 4.18        | 5.72      | 5.54        | 8.02      | 5.52        | 8.03      | 7.94        | 15.51     |
| 5.080                     | 200    | 2.491       | 4.428      | 2.86                     | 3.77      | 3.42          | 4.14      | 4.11         | 4.92      | 4.12         | 5.73      | 5.60        | 7.66      | 7.42        | 10.74     | 7.39        | 10.74     | 10.63       | 20.74     |
| 6.350                     | 250    | 3.113       | 5.535      | 3.60                     | 4.74      | 4.28          | 5.18      | 5.15         | 6.17      | 5.17         | 7.20      | 7.02        | 9.61      | 9.30        | 13.45     | 9.26        | 13.46     | 13.32       | 25.97     |
| 7.620                     | 300    | 3.736       | 6.641      | 4.34                     | 5.71      | 5.14          | 6.22      | 6.19         | 7.41      | 6.22         | 8.66      | 8.44        | 11.55     | 11.18       | 16.16     | 11.13       | 16.17     | 16.01       | 31.20     |
| 8.890                     | 350    | 4.358       | 7.748      | 5.08                     | 6.68      | 6.00          | 7.26      | 7.23         | 8.66      | 7.28         | 10.12     | 9.86        | 13.49     | 13.05       | 18.88     | 12.99       | 18.88     | 18.70       | 36.44     |
| 10.160                    | 400    | 4.981       | 8.855      | 5.82                     | 7.65      | 6.86          | 8.31      | 8.28         | 9.91      | 8.33         | 11.59     | 11.28       | 15.43     | 14.93       | 21.59     | 14.86       | 21.60     | 21.39       | 41.67     |
| 12.700                    | 500    | 6.226       | 11.069     | 7.29                     | 9.58      | 8.58          | 10.39     | 10.36        | 12.40     | 10.43        | 14.51     | 14.12       | 19.32     | 18.69       | 27.02     | 18.60       | 27.03     | 26.77       | 52.13     |
| 15.240                    | 600    | 7.472       | 13.283     | 8.77                     | 11.52     | 10.30         | 12.47     | 12.44        | 14.90     | 12.53        | 17.44     | 16.96       | 23.20     | 22.45       | 32.44     | 22.33       | 32.46     | 32.15       | 62.60     |
| 17.780                    | 700    | 8.717       | 15.497     | -                        | -         | 12.02         | 14.55     | 14.52        | 17.39     | 14.63        | 20.37     | 19.81       | 27.08     | 26.20       | 37.87     | 26.07       | 37.89     | 37.53       | 73.06     |
| 20.320                    | 800    | 9.962       | 17.710     | -                        | -         | 13.74         | 16.63     | 16.61        | 19.89     | 16.74        | 23.29     | 22.65       | 30.97     | 29.96       | 43.30     | 29.81       | 43.31     | 42.92       | 83.53     |
| 22.860                    | 900    | 11.207      | 19.924     | -                        | -         | 15.47         | 18.72     | 18.69        | 22.39     | 18.84        | 26.22     | 25.49       | 34.85     | 33.72       | 48.73     | 33.54       | 48.74     | 48.30       | 93.99     |
| 25.400                    | 1000   | 12.453      | 22.138     | -                        | -         | 17.19         | 20.80     | 20.77        | 24.88     | 20.94        | 29.14     | 28.33       | 38.73     | 37.47       | 54.15     | 37.28       | 54.17     | 53.68       | 104.45    |

| Lens type                 |        |             |            | Zoom lens               |           |             |           | Fixed-Focus Lens         |       |                          |                                               |                         |  |
|---------------------------|--------|-------------|------------|-------------------------|-----------|-------------|-----------|--------------------------|-------|--------------------------|-----------------------------------------------|-------------------------|--|
| Projection lens Model No. |        |             |            | ET-D3LET40              |           | ET-D3LET80  |           | ET-D3LEU101 <sup>1</sup> |       | ET-D3LEW50               |                                               | ET-D75LE95 <sup>1</sup> |  |
| Throw ratio <sup>2</sup>  |        |             |            | 4.61-7.41:1             |           | 7.34-13.8:1 |           | 0.370:1                  |       | 0.695:1                  |                                               | 0.364:1                 |  |
| Projection screen size    |        |             |            | Projection distance (L) |           |             |           |                          |       | Projection distance (L1) | Distance between the projector and the screen |                         |  |
| Diagonal (SD)             |        | Height (SH) | Width (SW) | Min. (LW)               | Max. (LT) | Min. (LW)   | Max. (LT) | Fixed                    | Fixed |                          | (L4)                                          | (A1)                    |  |
| m                         | inches |             |            |                         |           |             |           |                          |       |                          |                                               |                         |  |
| 1.778                     | 70     | 0.872       | 1.550      | 7.05                    | 11.39     | 11.16       | 21.28     | -                        | 1.04  | -                        | -                                             | -                       |  |
| 2.032                     | 80     | 0.996       | 1.771      | 8.08                    | 13.04     | 12.81       | 24.37     | -                        | 1.20  | -                        | -                                             | -                       |  |
| 2.286                     | 90     | 1.121       | 1.992      | 9.11                    | 14.70     | 14.46       | 27.46     | -                        | 1.36  | -                        | -                                             | -                       |  |
| 2.540                     | 100    | 1.245       | 2.214      | 10.15                   | 16.35     | 16.11       | 30.55     | -                        | 1.51  | -                        | -                                             | -                       |  |
| 3.048                     | 120    | 1.494       | 2.657      | 12.21                   | 19.66     | 19.41       | 36.73     | -                        | 1.83  | 0.97                     | -0.10                                         | 0.18-0.43               |  |
| 3.810                     | 150    | 1.868       | 3.321      | 15.30                   | 24.61     | 24.36       | 46.00     | -                        | 2.31  | 1.21                     | 0.14                                          | 0.26-0.56               |  |
| 5.080                     | 200    | 2.491       | 4.428      | 20.46                   | 32.88     | 32.61       | 61.46     | 1.64                     | 3.10  | 1.60                     | 0.53                                          | 0.38-0.79               |  |
| 6.350                     | 250    | 3.113       | 5.535      | 25.61                   | 41.15     | 40.86       | 76.91     | 2.06                     | 3.89  | 2.00                     | 0.93                                          | 0.51-1.02               |  |
| 7.620                     | 300    | 3.736       | 6.641      | 30.77                   | 49.41     | 49.11       | 92.37     | 2.49                     | 4.68  | 2.39                     | 1.32                                          | 0.64-1.25               |  |
| 8.890                     | 350    | 4.358       | 7.748      | 35.93                   | 57.68     | 57.35       | 107.82    | 2.92                     | 5.48  | 2.79                     | 1.72                                          | 0.77-1.49               |  |
| 10.160                    | 400    | 4.981       | 8.855      | 41.08                   | 65.95     | 65.60       | 123.28    | 3.34                     | 6.27  | 3.19                     | 2.11                                          | 0.89-1.72               |  |
| 12.700                    | 500    | 6.226       | 11.069     | 51.40                   | 82.48     | 82.10       | 154.19    | 4.19                     | 7.85  | 3.98                     | 2.91                                          | 1.15-2.18               |  |
| 15.240                    | 600    | 7.472       | 13.283     | 61.71                   | 99.01     | 98.60       | 185.10    | 5.05                     | 9.44  | 4.77                     | 3.70                                          | 1.40-2.64               |  |
| 17.780                    | 700    | 8.717       | 15.497     | 72.02                   | 115.55    | 115.10      | -         | -                        | 11.02 | -                        | -                                             | -                       |  |
| 20.320                    | 800    | 9.962       | 17.710     | 82.33                   | 132.08    | 131.59      | -         | -                        | 12.61 | -                        | -                                             | -                       |  |
| 22.860                    | 900    | 11.207      | 19.924     | 92.65                   | 148.61    | 148.09      | -         | -                        | 14.19 | -                        | -                                             | -                       |  |
| 25.400                    | 1000   | 12.453      | 22.138     | 102.96                  | 165.15    | 164.59      | -         | -                        | 15.78 | -                        | -                                             | -                       |  |

1 When the Zoom lens (Model No.: ET-D3LEW201) Fixed-focus Lens (Model No.: ET-D3LEU101, ET-D75LE95) or the Fisheye Lens (Model No.: ET-D3LEF70) is used, the projection relation between the screen and the projector differs from that of other lenses.

2 The throw ratio is based on the value during projection with the projected image size of 150 in.

Screen aspect ratio 16:9

Unit: feet

| Lens type                 |        |             |            | Zoom lens                |           |               |           |              |           |              |           |             |           |             |           |             |           |             |           |
|---------------------------|--------|-------------|------------|--------------------------|-----------|---------------|-----------|--------------|-----------|--------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|
| Projection lens Model No. |        |             |            | ET-D3LEW201 <sup>1</sup> |           | ET-D3LEW300   |           | ET-D3LEW60   |           | ET-D3LEW600  |           | ET-D3LEW10  |           | ET-D3LES250 |           | ET-D3LES20  |           | ET-D3LET30  |           |
| Throw ratio <sup>2</sup>  |        |             |            | 0.646-0.851:1            |           | 0.770-0.933:1 |           | 0.924-1.10:1 |           | 0.925-1.28:1 |           | 1.26-1.72:1 |           | 1.67-2.41:1 |           | 1.67-2.41:1 |           | 2.40-4.66:1 |           |
| Projection screen size    |        |             |            | Projection distance (L)  |           |               |           |              |           |              |           |             |           |             |           |             |           |             |           |
| Diagonal (SD)             |        | Height (SH) | Width (SW) | Min. (LW)                | Max. (LT) | Min. (LW)     | Max. (LT) | Min. (LW)    | Max. (LT) | Min. (LW)    | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) |
| m                         | inches |             |            |                          |           |               |           |              |           |              |           |             |           |             |           |             |           |             |           |
| 1.778                     | 70     | 0.872       | 1.550      | -                        | -         | 3.87          | 4.72      | 4.59         | 5.48      | 4.55         | 6.33      | 6.23        | 8.60      | 8.32        | 12.07     | 8.30        | 12.07     | 11.94       | 23.42     |
| 2.032                     | 80     | 0.996       | 1.771      | -                        | -         | 4.43          | 5.38      | 5.28         | 6.30      | 5.24         | 7.29      | 7.18        | 9.84      | 9.55        | 13.86     | 9.55        | 13.88     | 13.71       | 26.84     |
| 2.286                     | 90     | 1.121       | 1.992      | -                        | -         | 4.99          | 6.07      | 5.97         | 7.12      | 5.93         | 8.25      | 8.10        | 11.12     | 10.78       | 15.64     | 10.76       | 15.65     | 15.49       | 30.28     |
| 2.540                     | 100    | 1.245       | 2.214      | -                        | -         | 5.54          | 6.76      | 6.66         | 7.94      | 6.62         | 9.21      | 9.06        | 12.40     | 12.02       | 17.42     | 11.97       | 17.42     | 17.22       | 33.73     |
| 3.048                     | 120    | 1.494       | 2.657      | -                        | -         | 6.69          | 8.14      | 8.01         | 9.58      | 8.00         | 11.13     | 10.89       | 14.96     | 14.48       | 20.98     | 14.44       | 21.00     | 20.77       | 40.58     |
| 3.810                     | 150    | 1.868       | 3.321      | -                        | -         | 8.37          | 10.17     | 10.07        | 12.04     | 10.07        | 14.01     | 13.71       | 18.77     | 18.18       | 26.32     | 18.11       | 26.34     | 26.05       | 50.89     |
| 5.080                     | 200    | 2.491       | 4.428      | 9.38                     | 12.37     | 11.22         | 13.58     | 13.48        | 16.14     | 13.52        | 18.81     | 18.37       | 25.13     | 24.34       | 35.22     | 24.25       | 35.24     | 34.87       | 68.04     |
| 6.350                     | 250    | 3.113       | 5.535      | 11.81                    | 15.55     | 14.04         | 16.99     | 16.90        | 20.24     | 16.97        | 23.61     | 23.03       | 31.53     | 30.50       | 44.13     | 30.38       | 44.16     | 43.70       | 85.20     |
| 7.620                     | 300    | 3.736       | 6.641      | 14.24                    | 18.73     | 16.86         | 20.41     | 20.31        | 24.31     | 20.42        | 28.41     | 27.69       | 37.89     | 36.67       | 53.03     | 36.52       | 53.05     | 52.53       | 102.36    |
| 8.890                     | 350    | 4.358       | 7.748      | 16.67                    | 21.92     | 19.68         | 23.82     | 23.72        | 28.41     | 23.87        | 33.21     | 32.35       | 44.26     | 42.83       | 61.93     | 42.62       | 61.94     | 61.35       | 119.55    |
| 10.160                    | 400    | 4.981       | 8.855      | 19.09                    | 25.10     | 22.51         | 27.26     | 27.17        | 32.51     | 27.32        | 38.01     | 37.01       | 50.62     | 48.99       | 70.83     | 48.75       | 70.87     | 70.18       | 136.71    |
| 12.700                    | 500    | 6.226       | 11.069     | 23.92                    | 31.43     | 28.15         | 34.09     | 33.99        | 40.68     | 34.22        | 47.62     | 46.32       | 63.39     | 61.32       | 88.64     | 61.02       | 88.68     | 87.83       | 171.03    |
| 15.240                    | 600    | 7.472       | 13.283     | 28.77                    | 37.79     | 33.79         | 40.91     | 40.81        | 48.88     | 41.12        | 57.22     | 55.64       | 76.11     | 73.64       | 106.45    | 73.26       | 106.49    | 105.48      | 205.38    |
| 17.780                    | 700    | 8.717       | 15.497     | -                        | -         | 39.44         | 47.74     | 47.64        | 57.05     | 48.01        | 66.82     | 64.99       | 88.84     | 85.97       | 124.25    | 85.53       | 124.31    | 123.13      | 239.70    |
| 20.320                    | 800    | 9.962       | 17.710     | -                        | -         | 45.08         | 54.56     | 54.49        | 65.26     | 54.91        | 76.42     | 74.31       | 101.61    | 98.29       | 142.06    | 97.80       | 142.09    | 140.81      | 274.05    |
| 22.860                    | 900    | 11.207      | 19.924     | -                        | -         | 50.75         | 61.42     | 61.32        | 73.46     | 61.81        | 86.02     | 83.63       | 114.34    | 110.62      | 159.86    | 110.04      | 159.91    | 158.46      | 308.36    |
| 25.400                    | 1000   | 12.453      | 22.138     | -                        | -         | 56.40         | 68.24     | 68.14        | 81.63     | 68.71        | 95.62     | 92.95       | 127.07    | 122.94      | 177.67    | 122.31      | 177.72    | 176.11      | 342.68    |

| Lens type                 |        |             |            | Zoom lens               |           |             |           | Fixed-Focus Lens         |       |                          |                                               |                         |  |
|---------------------------|--------|-------------|------------|-------------------------|-----------|-------------|-----------|--------------------------|-------|--------------------------|-----------------------------------------------|-------------------------|--|
| Projection lens Model No. |        |             |            | ET-D3LET40              |           | ET-D3LET80  |           | ET-D3LEU101 <sup>1</sup> |       | ET-D3LEW50               |                                               | ET-D75LE95 <sup>1</sup> |  |
| Throw ratio <sup>2</sup>  |        |             |            | 4.61-7.41:1             |           | 7.34-13.8:1 |           | 0.370:1                  |       | 0.695:1                  |                                               | 0.364:1                 |  |
| Projection screen size    |        |             |            | Projection distance (L) |           |             |           |                          |       | Projection distance (L1) | Distance between the projector and the screen |                         |  |
| Diagonal (SD)             |        | Height (SH) | Width (SW) | Min. (LW)               | Max. (LT) | Min. (LW)   | Max. (LT) | Fixed                    | Fixed |                          | (L4)                                          | (A1)                    |  |
| m                         | inches |             |            |                         |           |             |           |                          |       |                          |                                               |                         |  |
| 1.778                     | 70     | 0.872       | 1.550      | 23.13                   | 37.37     | 36.61       | 69.82     | -                        | 3.41  | -                        | -                                             | -                       |  |
| 2.032                     | 80     | 0.996       | 1.771      | 26.51                   | 42.78     | 42.03       | 79.95     | -                        | 3.94  | -                        | -                                             | -                       |  |
| 2.286                     | 90     | 1.121       | 1.992      | 29.89                   | 48.23     | 47.44       | 90.09     | -                        | 4.46  | -                        | -                                             | -                       |  |
| 2.540                     | 100    | 1.245       | 2.214      | 33.30                   | 53.64     | 52.85       | 100.23    | -                        | 4.95  | -                        | -                                             | -                       |  |
| 3.048                     | 120    | 1.494       | 2.657      | 40.06                   | 64.50     | 63.68       | 120.50    | -                        | 6.00  | 3.18                     | -0.33                                         | 0.59-1.41               |  |
| 3.810                     | 150    | 1.868       | 3.321      | 50.20                   | 80.74     | 79.92       | 150.92    | -                        | 7.58  | 3.97                     | 0.46                                          | 0.85-1.84               |  |
| 5.080                     | 200    | 2.491       | 4.428      | 67.13                   | 107.87    | 106.99      | 201.64    | 5.38                     | 10.17 | 5.25                     | 1.74                                          | 1.25-2.59               |  |
| 6.350                     | 250    | 3.113       | 5.535      | 84.02                   | 135.00    | 134.05      | 252.33    | 6.76                     | 12.76 | 6.56                     | 3.05                                          | 1.67-3.35               |  |
| 7.620                     | 300    | 3.736       | 6.641      | 100.95                  | 162.10    | 161.12      | 303.05    | 8.17                     | 15.35 | 7.84                     | 4.33                                          | 2.10-4.10               |  |
| 8.890                     | 350    | 4.358       | 7.748      | 117.88                  | 189.24    | 188.15      | 353.74    | 9.58                     | 17.98 | 9.15                     | 5.64                                          | 2.53-4.89               |  |
| 10.160                    | 400    | 4.981       | 8.855      | 134.78                  | 216.37    | 215.22      | 404.46    | 10.96                    | 20.57 | 10.47                    | 6.92                                          | 2.92-5.64               |  |
| 12.700                    | 500    | 6.226       | 11.069     | 168.63                  | 270.60    | 269.35      | 505.87    | 13.75                    | 25.75 | 13.06                    | 9.55                                          | 3.77-7.15               |  |
| 15.240                    | 600    | 7.472       | 13.283     | 202.46                  | 324.83    | 323.49      | 607.28    | 16.57                    | 30.97 | 15.65                    | 12.14                                         | 4.59-8.66               |  |
| 17.780                    | 700    | 8.717       | 15.497     | 236.28                  | 379.10    | 377.62      | -         | -                        | 36.15 | -                        | -                                             | -                       |  |
| 20.320                    | 800    | 9.962       | 17.710     | 270.11                  | 433.33    | 431.72      | -         | -                        | 41.37 | -                        | -                                             | -                       |  |
| 22.860                    | 900    | 11.207      | 19.924     | 303.97                  | 487.56    | 485.85      | -         | -                        | 46.55 | -                        | -                                             | -                       |  |
| 25.400                    | 1000   | 12.453      | 22.138     | 337.79                  | 541.82    | 539.99      | -         | -                        | 51.77 | -                        | -                                             | -                       |  |

1 When the Zoom lens (Model No.: ET-D3LEW201) Fixed-focus Lens (Model No.: ET-D3LEU101, ET-D75LE95) or the Fisheye Lens (Model No.: ET-D3LEF70) is used, the projection relation between the screen and the projector differs from that of other lenses.

2 The throw ratio is based on the value during projection with the projected image size of 150 in.

## 3-Chip DLP™ Projector

## PT-RQ45K

Screen aspect ratio 4:3

Unit: meters

| Lens type                 |        |             |            | Zoom lens                |           |              |           |             |           |             |           |             |           |             |           |             |           |             |           |
|---------------------------|--------|-------------|------------|--------------------------|-----------|--------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|
| Projection lens Model No. |        |             |            | ET-D3LEW201 <sup>1</sup> |           | ET-D3LEW300  |           | ET-D3LEW60  |           | ET-D3LEW600 |           | ET-D3LEW10  |           | ET-D3LES250 |           | ET-D3LES20  |           | ET-D3LET30  |           |
| Throw ratio <sup>2</sup>  |        |             |            | 0.778-1.02:1             |           | 0.925-1.12:1 |           | 1.12-1.32:1 |           | 1.12-1.54:1 |           | 1.52-2.07:1 |           | 2.01-2.90:1 |           | 2.00-2.90:1 |           | 2.88-5.61:1 |           |
| Projection screen size    |        |             |            | Projection distance (L)  |           |              |           |             |           |             |           |             |           |             |           |             |           |             |           |
| Diagonal (SD)             |        | Height (SH) | Width (SW) | Min. (LW)                | Max. (LT) | Min. (LW)    | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) |
| m                         | inches |             |            |                          |           |              |           |             |           |             |           |             |           |             |           |             |           |             |           |
| 1.778                     | 70     | 1.067       | 1.422      | -                        | -         | 1.30         | 1.58      | 1.55        | 1.85      | 1.54        | 2.14      | 2.10        | 2.89      | 2.80        | 4.07      | 2.80        | 4.07      | 4.02        | 7.88      |
| 2.032                     | 80     | 1.219       | 1.626      | -                        | -         | 1.49         | 1.81      | 1.78        | 2.13      | 1.77        | 2.46      | 2.42        | 3.32      | 3.22        | 4.66      | 3.21        | 4.67      | 4.61        | 9.03      |
| 2.286                     | 90     | 1.372       | 1.829      | -                        | -         | 1.68         | 2.04      | 2.01        | 2.40      | 2.00        | 2.78      | 2.73        | 3.75      | 3.63        | 5.26      | 3.62        | 5.27      | 5.21        | 10.18     |
| 2.540                     | 100    | 1.524       | 2.032      | -                        | -         | 1.87         | 2.27      | 2.24        | 2.68      | 2.23        | 3.10      | 3.04        | 4.18      | 4.04        | 5.86      | 4.03        | 5.86      | 5.80        | 11.34     |
| 3.048                     | 120    | 1.829       | 2.438      | -                        | -         | 2.25         | 2.73      | 2.70        | 3.22      | 2.70        | 3.75      | 3.67        | 5.03      | 4.87        | 7.05      | 4.86        | 7.06      | 6.99        | 13.64     |
| 3.810                     | 150    | 2.286       | 3.048      | -                        | -         | 2.82         | 3.42      | 3.38        | 4.05      | 3.39        | 4.72      | 4.61        | 6.31      | 6.11        | 8.85      | 6.09        | 8.85      | 8.76        | 17.10     |
| 5.080                     | 200    | 3.048       | 4.064      | 3.16                     | 4.16      | 3.77         | 4.56      | 4.53        | 5.42      | 4.55        | 6.33      | 6.17        | 8.45      | 8.18        | 11.84     | 8.15        | 11.84     | 11.73       | 22.86     |
| 6.350                     | 250    | 3.810       | 5.080      | 3.97                     | 5.23      | 4.71         | 5.71      | 5.68        | 6.80      | 5.71        | 7.94      | 7.74        | 10.59     | 10.25       | 14.83     | 10.20       | 14.83     | 14.69       | 28.63     |
| 7.620                     | 300    | 4.572       | 6.096      | 4.79                     | 6.30      | 5.66         | 6.86      | 6.83        | 8.17      | 6.86        | 9.55      | 9.30        | 12.73     | 12.32       | 17.81     | 12.26       | 17.82     | 17.65       | 34.39     |
| 8.890                     | 350    | 5.334       | 7.112      | 5.60                     | 7.37      | 6.61         | 8.00      | 7.97        | 9.55      | 8.02        | 11.16     | 10.87       | 14.87     | 14.39       | 20.80     | 14.32       | 20.81     | 20.61       | 40.15     |
| 10.160                    | 400    | 6.096       | 8.128      | 6.42                     | 8.43      | 7.56         | 9.15      | 9.12        | 10.92     | 9.18        | 12.77     | 12.43       | 17.01     | 16.46       | 23.79     | 16.38       | 23.80     | 23.58       | 45.91     |
| 12.700                    | 500    | 7.620       | 10.160     | 8.05                     | 10.57     | 9.45         | 11.44     | 11.41       | 13.67     | 11.50       | 16.00     | 15.56       | 21.29     | 20.60       | 29.77     | 20.49       | 29.78     | 29.50       | 57.44     |
| 15.240                    | 600    | 9.144       | 12.192     | 9.67                     | 12.70     | 11.35        | 13.74     | 13.71       | 16.42     | 13.81       | 19.22     | 18.69       | 25.56     | 24.73       | 35.75     | 24.61       | 35.76     | 35.43       | 68.97     |
| 17.780                    | 700    | 10.668      | 14.224     | -                        | -         | 13.25        | 16.03     | 16.00       | 19.17     | 16.13       | 22.44     | 21.82       | 29.84     | 28.87       | 41.73     | 28.72       | 41.74     | 41.36       | 80.49     |
| 20.320                    | 800    | 12.192      | 16.256     | -                        | -         | 15.14        | 18.32     | 18.30       | 21.92     | 18.44       | 25.67     | 24.95       | 34.12     | 33.01       | 47.70     | 32.84       | 47.72     | 47.28       | 92.02     |
| 22.860                    | 900    | 13.716      | 18.288     | -                        | -         | 17.04        | 20.62     | 20.59       | 24.66     | 20.76       | 28.89     | 28.09       | 38.40     | 37.15       | 53.68     | 36.95       | 53.70     | 53.21       | 103.54    |
| 25.400                    | 1000   | 15.240      | 20.320     | -                        | -         | 18.93        | 22.91     | 22.89       | 27.41     | 23.07       | 32.11     | 31.22       | 42.67     | 41.29       | 59.66     | 41.07       | 59.68     | 59.13       | 115.03    |

| Lens type                 |        |             |            | Zoom lens               |           |             |           | Fixed-Focus Lens         |            |                          |                                               |           |
|---------------------------|--------|-------------|------------|-------------------------|-----------|-------------|-----------|--------------------------|------------|--------------------------|-----------------------------------------------|-----------|
| Projection lens Model No. |        |             |            | ET-D3LET40              |           | ET-D3LET80  |           | ET-D3LEU101 <sup>1</sup> | ET-D3LEW50 | ET-D75LE95 <sup>1</sup>  |                                               |           |
| Throw ratio <sup>2</sup>  |        |             |            | 5.54-8.90:1             |           | 8.82-16.6:1 |           | 0.446:1                  | 0.836:1    | 0.436:1                  |                                               |           |
| Projection screen size    |        |             |            | Projection distance (L) |           |             |           |                          |            | Projection distance (L1) | Distance between the projector and the screen |           |
| Diagonal (SD)             |        | Height (SH) | Width (SW) | Min. (LW)               | Max. (LT) | Min. (LW)   | Max. (LT) | Fixed                    | Fixed      |                          | (L4)                                          | (A1)      |
| m                         | inches |             |            |                         |           |             |           |                          |            |                          |                                               |           |
| 1.778                     | 70     | 1.067       | 1.422      | 7.78                    | 12.56     | 12.33       | 23.47     | -                        | 1.15       | -                        | -                                             | -         |
| 2.032                     | 80     | 1.219       | 1.626      | 8.92                    | 14.38     | 14.15       | 26.88     | -                        | 1.33       | -                        | -                                             | -         |
| 2.286                     | 90     | 1.372       | 1.829      | 10.06                   | 16.20     | 15.97       | 30.28     | -                        | 1.50       | -                        | -                                             | -         |
| 2.540                     | 100    | 1.524       | 2.032      | 11.19                   | 18.03     | 17.78       | 33.69     | -                        | 1.67       | -                        | -                                             | -         |
| 3.048                     | 120    | 1.829       | 2.438      | 13.46                   | 21.67     | 21.42       | 40.50     | -                        | 2.02       | 1.07                     | -0.01                                         | 0.21-0.39 |
| 3.810                     | 150    | 2.286       | 3.048      | 16.87                   | 27.13     | 26.87       | 50.71     | -                        | 2.55       | 1.33                     | 0.26                                          | 0.29-0.52 |
| 5.080                     | 200    | 3.048       | 4.064      | 22.55                   | 36.24     | 35.96       | 67.73     | 1.81                     | 3.42       | 1.76                     | 0.69                                          | 0.43-0.74 |
| 6.350                     | 250    | 3.810       | 5.080      | 28.23                   | 45.34     | 45.04       | 84.75     | 2.28                     | 4.29       | 2.20                     | 1.13                                          | 0.57-0.95 |
| 7.620                     | 300    | 4.572       | 6.096      | 33.91                   | 54.45     | 54.13       | 101.78    | 2.75                     | 5.17       | 2.64                     | 1.56                                          | 0.71-1.17 |
| 8.890                     | 350    | 5.334       | 7.112      | 39.59                   | 63.55     | 63.21       | 118.80    | 3.22                     | 6.04       | 3.07                     | 2.00                                          | 0.85-1.38 |
| 10.160                    | 400    | 6.096       | 8.128      | 45.27                   | 72.66     | 72.30       | 135.82    | 3.69                     | 6.91       | 3.51                     | 2.43                                          | 0.99-1.60 |
| 12.700                    | 500    | 7.620       | 10.160     | 56.63                   | 90.87     | 90.47       | 169.87    | 4.63                     | 8.66       | 4.38                     | 3.31                                          | 1.27-2.03 |
| 15.240                    | 600    | 9.144       | 12.192     | 67.99                   | 109.08    | 108.64      | 203.91    | 5.56                     | 10.40      | 5.25                     | 4.18                                          | 1.55-2.46 |
| 17.780                    | 700    | 10.668      | 14.224     | 79.35                   | 127.29    | 126.81      | -         | -                        | 12.15      | -                        | -                                             | -         |
| 20.320                    | 800    | 12.192      | 16.256     | 90.70                   | 145.50    | 144.98      | -         | -                        | 13.90      | -                        | -                                             | -         |
| 22.860                    | 900    | 13.716      | 18.288     | 102.06                  | 163.71    | 163.15      | -         | -                        | 15.64      | -                        | -                                             | -         |
| 25.400                    | 1000   | 15.240      | 20.320     | 113.42                  | 181.92    | 181.33      | -         | -                        | 17.39      | -                        | -                                             | -         |

1 When the Zoom lens (Model No.: ET-D3LEW201) Fixed-focus Lens (Model No.: ET-D3LEU101, ET-D75LE95) or the Fisheye Lens (Model No.: ET-D3LEF70) is used, the projection relation between the screen and the projector differs from that of other lenses.

2 The throw ratio is based on the value during projection with the projected image size of 150 in.

## 3-Chip DLP™ Projector

## PT-RQ45K

Screen aspect ratio 4:3

Unit: feet

| Lens type                 |        |             |            | Zoom lens                |           |              |           |             |           |             |           |             |           |             |           |             |           |             |           |
|---------------------------|--------|-------------|------------|--------------------------|-----------|--------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|
| Projection lens Model No. |        |             |            | ET-D3LEW201 <sup>1</sup> |           | ET-D3LEW300  |           | ET-D3LEW60  |           | ET-D3LEW600 |           | ET-D3LEW10  |           | ET-D3LES250 |           | ET-D3LES20  |           | ET-D3LET30  |           |
| Throw ratio <sup>2</sup>  |        |             |            | 0.778-1.02:1             |           | 0.925-1.12:1 |           | 1.12-1.32:1 |           | 1.12-1.54:1 |           | 1.52-2.07:1 |           | 2.01-2.90:1 |           | 2.00-2.90:1 |           | 2.88-5.61:1 |           |
| Projection screen size    |        |             |            | Projection distance (L)  |           |              |           |             |           |             |           |             |           |             |           |             |           |             |           |
| Diagonal (SD)             |        | Height (SH) | Width (SW) | Min. (LW)                | Max. (LT) | Min. (LW)    | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) | Min. (LW)   | Max. (LT) |
| m                         | inches |             |            |                          |           |              |           |             |           |             |           |             |           |             |           |             |           |             |           |
| 1.778                     | 70     | 1.067       | 1.422      | -                        | -         | 4.27         | 5.18      | 5.09        | 6.07      | 5.04        | 7.01      | 6.89        | 9.48      | 9.19        | 13.34     | 9.19        | 13.35     | 13.19       | 25.85     |
| 2.032                     | 80     | 1.219       | 1.626      | -                        | -         | 4.89         | 5.94      | 5.84        | 6.99      | 5.80        | 8.07      | 7.94        | 10.89     | 10.55       | 15.30     | 10.53       | 15.32     | 15.12       | 29.63     |
| 2.286                     | 90     | 1.372       | 1.829      | -                        | -         | 5.51         | 6.69      | 6.59        | 7.87      | 6.56        | 9.13      | 8.96        | 12.30     | 11.91       | 17.26     | 11.88       | 17.29     | 17.09       | 33.40     |
| 2.540                     | 100    | 1.524       | 2.032      | -                        | -         | 6.14         | 7.45      | 7.35        | 8.79      | 7.32        | 10.19     | 9.97        | 13.71     | 13.27       | 19.22     | 13.22       | 19.23     | 19.03       | 37.20     |
| 3.048                     | 120    | 1.829       | 2.438      | -                        | -         | 7.38         | 8.96      | 8.86        | 10.56     | 8.84        | 12.30     | 12.04       | 16.50     | 15.98       | 23.15     | 15.94       | 23.16     | 22.93       | 44.75     |
| 3.810                     | 150    | 2.286       | 3.048      | -                        | -         | 9.25         | 11.22     | 11.09       | 13.29     | 11.12       | 15.47     | 15.12       | 20.70     | 20.06       | 29.03     | 19.98       | 29.04     | 28.74       | 56.10     |
| 5.080                     | 200    | 3.048       | 4.064      | 10.37                    | 13.65     | 12.37        | 14.96     | 14.86       | 17.78     | 14.92       | 20.76     | 20.24       | 27.72     | 26.84       | 38.84     | 26.74       | 38.84     | 38.48       | 75.00     |
| 6.350                     | 250    | 3.810       | 5.080      | 13.02                    | 17.16     | 15.45        | 18.73     | 18.63       | 22.31     | 18.72       | 26.05     | 25.39       | 34.74     | 33.63       | 48.64     | 33.46       | 48.65     | 48.19       | 93.93     |
| 7.620                     | 300    | 4.572       | 6.096      | 15.72                    | 20.67     | 18.57        | 22.51     | 22.41       | 26.80     | 22.52       | 31.34     | 30.51       | 41.76     | 40.42       | 58.45     | 40.22       | 58.46     | 57.91       | 112.83    |
| 8.890                     | 350    | 5.334       | 7.112      | 18.37                    | 24.18     | 21.69        | 26.25     | 26.15       | 31.33     | 26.32       | 36.62     | 35.66       | 48.79     | 47.21       | 68.25     | 46.98       | 68.27     | 67.62       | 131.72    |
| 10.160                    | 400    | 6.096       | 8.128      | 21.06                    | 27.66     | 24.80        | 30.02     | 29.92       | 35.83     | 30.12       | 41.91     | 40.78       | 55.81     | 53.99       | 78.06     | 53.74       | 78.08     | 77.36       | 150.62    |
| 12.700                    | 500    | 7.620       | 10.160     | 26.41                    | 34.68     | 31.00        | 37.53     | 37.43       | 44.85     | 37.71       | 52.49     | 51.05       | 69.85     | 67.57       | 97.67     | 67.22       | 97.70     | 96.78       | 188.45    |
| 15.240                    | 600    | 9.144       | 12.192     | 31.73                    | 41.67     | 37.24        | 45.08     | 44.98       | 53.87     | 45.31       | 63.06     | 61.32       | 83.86     | 81.15       | 117.29    | 80.74       | 117.32    | 116.24      | 226.28    |
| 17.780                    | 700    | 10.668      | 14.224     | -                        | -         | 43.47        | 52.59     | 52.49       | 62.89     | 52.91       | 73.64     | 71.59       | 97.90     | 94.72       | 136.90    | 94.22       | 136.94    | 135.69      | 264.07    |
| 20.320                    | 800    | 12.192      | 16.256     | -                        | -         | 49.67        | 60.10     | 60.04       | 71.92     | 60.51       | 84.21     | 81.86       | 111.94    | 108.30      | 156.51    | 107.74      | 156.56    | 155.12      | 301.90    |
| 22.860                    | 900    | 13.716      | 18.288     | -                        | -         | 55.90        | 67.65     | 67.55       | 80.90     | 68.10       | 94.79     | 92.16       | 125.98    | 121.87      | 176.12    | 121.23      | 176.18    | 174.57      | 339.69    |
| 25.400                    | 1000   | 15.240      | 20.320     | -                        | -         | 62.11        | 75.16     | 75.10       | 89.93     | 75.70       | 105.36    | 102.43      | 139.99    | 135.45      | 195.74    | 134.74      | 195.80    | 193.99      | 377.39    |

| Lens type                 |        |             |            | Zoom lens               |           |             |           | Fixed-Focus Lens         |            |                          |                                               |           |
|---------------------------|--------|-------------|------------|-------------------------|-----------|-------------|-----------|--------------------------|------------|--------------------------|-----------------------------------------------|-----------|
| Projection lens Model No. |        |             |            | ET-D3LET40              |           | ET-D3LET80  |           | ET-D3LEU101 <sup>1</sup> | ET-D3LEW50 | ET-D75LE95 <sup>1</sup>  |                                               |           |
| Throw ratio <sup>2</sup>  |        |             |            | 5.54-8.90:1             |           | 8.82-16.6:1 |           | 0.446:1                  | 0.836:1    | 0.436:1                  |                                               |           |
| Projection screen size    |        |             |            | Projection distance (L) |           |             |           |                          |            | Projection distance (L1) | Distance between the projector and the screen |           |
| Diagonal (SD)             |        | Height (SH) | Width (SW) | Min. (LW)               | Max. (LT) | Min. (LW)   | Max. (LT) | Fixed                    | Fixed      |                          | (L4)                                          | (A1)      |
| m                         | inches |             |            |                         |           |             |           |                          |            |                          |                                               |           |
| 1.778                     | 70     | 1.067       | 1.422      | 25.52                   | 41.21     | 40.45       | 77.00     | -                        | 3.77       | -                        | -                                             | -         |
| 2.032                     | 80     | 1.219       | 1.626      | 29.26                   | 47.18     | 46.42       | 88.19     | -                        | 4.36       | -                        | -                                             | -         |
| 2.286                     | 90     | 1.372       | 1.829      | 33.00                   | 53.15     | 52.39       | 99.34     | -                        | 4.92       | -                        | -                                             | -         |
| 2.540                     | 100    | 1.524       | 2.032      | 36.71                   | 59.15     | 58.33       | 110.53    | -                        | 5.48       | -                        | -                                             | -         |
| 3.048                     | 120    | 1.829       | 2.438      | 44.16                   | 71.09     | 70.27       | 132.87    | -                        | 6.63       | 3.51                     | -0.03                                         | 0.69-1.28 |
| 3.810                     | 150    | 2.286       | 3.048      | 55.35                   | 89.01     | 88.16       | 166.37    | -                        | 8.37       | 4.36                     | 0.85                                          | 0.95-1.71 |
| 5.080                     | 200    | 3.048       | 4.064      | 73.98                   | 118.90    | 117.98      | 222.21    | 5.94                     | 11.22      | 5.77                     | 2.26                                          | 1.41-2.43 |
| 6.350                     | 250    | 3.810       | 5.080      | 92.62                   | 148.75    | 147.77      | 278.05    | 7.48                     | 14.07      | 7.22                     | 3.71                                          | 1.87-3.12 |
| 7.620                     | 300    | 4.572       | 6.096      | 111.25                  | 178.64    | 177.59      | 333.92    | 9.02                     | 16.96      | 8.66                     | 5.12                                          | 2.33-3.84 |
| 8.890                     | 350    | 5.334       | 7.112      | 129.89                  | 208.49    | 207.38      | 389.76    | 10.56                    | 19.82      | 10.07                    | 6.56                                          | 2.79-4.53 |
| 10.160                    | 400    | 6.096       | 8.128      | 148.52                  | 238.38    | 237.20      | 445.60    | 12.11                    | 22.67      | 11.52                    | 7.97                                          | 3.25-5.25 |
| 12.700                    | 500    | 7.620       | 10.160     | 185.79                  | 298.13    | 296.81      | 557.31    | 15.19                    | 28.41      | 14.37                    | 10.86                                         | 4.17-6.66 |
| 15.240                    | 600    | 9.144       | 12.192     | 223.06                  | 357.87    | 356.43      | 668.99    | 18.24                    | 34.12      | 17.22                    | 13.71                                         | 5.09-8.07 |
| 17.780                    | 700    | 10.668      | 14.224     | 260.33                  | 417.61    | 416.04      | -         | -                        | 39.86      | -                        | -                                             | -         |
| 20.320                    | 800    | 12.192      | 16.256     | 297.57                  | 477.36    | 475.65      | -         | -                        | 45.60      | -                        | -                                             | -         |
| 22.860                    | 900    | 13.716      | 18.288     | 334.84                  | 537.10    | 535.26      | -         | -                        | 51.31      | -                        | -                                             | -         |
| 25.400                    | 1000   | 15.240      | 20.320     | 372.11                  | 596.84    | 594.91      | -         | -                        | 57.05      | -                        | -                                             | -         |

1 When the Zoom lens (Model No.: ET-D3LEW201) Fixed-focus Lens (Model No.: ET-D3LEU101, ET-D75LE95) or the Fisheye Lens (Model No.: ET-D3LEF70) is used, the projection relation between the screen and the projector differs from that of other lenses.

2 The throw ratio is based on the value during projection with the projected image size of 150 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. | Aspect ratio | Throw ratio   | Projection distance (L) formula |                               |
|------------------------------|--------------|---------------|---------------------------------|-------------------------------|
|                              |              |               | Min. (LW)                       | Max. (LT)                     |
| ET-D3LEW201                  | 16:10        | 0.645-0.850:1 | $=0.5665 \times SD - 0.1001$    | $=0.7425 \times SD - 0.1076$  |
|                              | 16:9         | 0.646-0.851:1 | $=0.5823 \times SD - 0.1001$    | $=0.7632 \times SD - 0.1076$  |
|                              | 4:3          | 0.778-1.02:1  | $=0.6414 \times SD - 0.1001$    | $=0.8406 \times SD - 0.1076$  |
| ET-D3LEW300                  | 16:10        | 0.770-0.933:1 | $=0.6594 \times SD - 0.0272$    | $=0.7976 \times SD - 0.0231$  |
|                              | 16:9         | 0.770-0.933:1 | $=0.6777 \times SD - 0.0272$    | $=0.8197 \times SD - 0.0231$  |
|                              | 4:3          | 0.925-1.12:1  | $=0.7465 \times SD - 0.0272$    | $=0.9029 \times SD - 0.0231$  |
| ET-D3LEW60                   | 16:10        | 0.924-1.10:1  | $=0.7979 \times SD - 0.0566$    | $=0.9559 \times SD - 0.0736$  |
|                              | 16:9         | 0.924-1.10:1  | $=0.8201 \times SD - 0.0566$    | $=0.9825 \times SD - 0.0736$  |
|                              | 4:3          | 1.12-1.32:1   | $=0.9032 \times SD - 0.0566$    | $=1.0822 \times SD - 0.0736$  |
| ET-D3LEW600                  | 16:10        | 0.924-1.28:1  | $=0.8054 \times SD - 0.0835$    | $=1.1209 \times SD - 0.1185$  |
|                              | 16:9         | 0.925-1.28:1  | $=0.8278 \times SD - 0.0835$    | $=1.1521 \times SD - 0.1185$  |
|                              | 4:3          | 1.12-1.54:1   | $=0.9117 \times SD - 0.0835$    | $=1.2690 \times SD - 0.1185$  |
| ET-D3LEW10                   | 16:10        | 1.26-1.72:1   | $=1.0886 \times SD - 0.0867$    | $=1.4876 \times SD - 0.1025$  |
|                              | 16:9         | 1.26-1.72:1   | $=1.1188 \times SD - 0.0867$    | $=1.5290 \times SD - 0.1025$  |
|                              | 4:3          | 1.52-2.07:1   | $=1.2324 \times SD - 0.0867$    | $=1.6841 \times SD - 0.1025$  |
| ET-D3LES250                  | 16:10        | 1.67-2.41:1   | $=1.4390 \times SD - 0.0941$    | $=2.0789 \times SD - 0.1187$  |
|                              | 16:9         | 1.67-2.41:1   | $=1.4790 \times SD - 0.0941$    | $=2.1367 \times SD - 0.1187$  |
|                              | 4:3          | 2.01-2.90:1   | $=1.6291 \times SD - 0.0941$    | $=2.3535 \times SD - 0.1187$  |
| ET-D3LES20                   | 16:10        | 1.67-2.41:1   | $=1.4312 \times SD - 0.0832$    | $=2.0795 \times SD - 0.1162$  |
|                              | 16:9         | 1.67-2.41:1   | $=1.4709 \times SD - 0.0832$    | $=2.1373 \times SD - 0.1162$  |
|                              | 4:3          | 2.00-2.90:1   | $=1.6202 \times SD - 0.0832$    | $=2.3542 \times SD - 0.1162$  |
| ET-D3LET30                   | 16:10        | 2.40-4.66:1   | $=2.0609 \times SD - 0.1261$    | $=4.0084 \times SD - 0.1892$  |
|                              | 16:9         | 2.40-4.66:1   | $=2.1182 \times SD - 0.1261$    | $=4.1198 \times SD - 0.1892$  |
|                              | 4:3          | 2.88-5.61:1   | $=2.3331 \times SD - 0.1261$    | $=4.5378 \times SD - 0.1892$  |
| ET-D3LET40                   | 16:10        | 4.61-7.41:1   | $=3.9505 \times SD - 0.1673$    | $=6.3330 \times SD - 0.1846$  |
|                              | 16:9         | 4.61-7.41:1   | $=4.0601 \times SD - 0.1673$    | $=6.5091 \times SD - 0.1846$  |
|                              | 4:3          | 5.54-8.90:1   | $=4.4720 \times SD - 0.1673$    | $=7.1694 \times SD - 0.1846$  |
| ET-D3LET80                   | 16:10        | 7.34-13.8:1   | $=6.3193 \times SD - 0.3862$    | $=11.8400 \times SD - 0.3598$ |
|                              | 16:9         | 7.34-13.8:1   | $=6.4950 \times SD - 0.3862$    | $=12.1692 \times SD - 0.3598$ |
|                              | 4:3          | 8.82-16.6:1   | $=7.1540 \times SD - 0.3862$    | $=13.4039 \times SD - 0.3598$ |



## Fixed lens

Unit: m

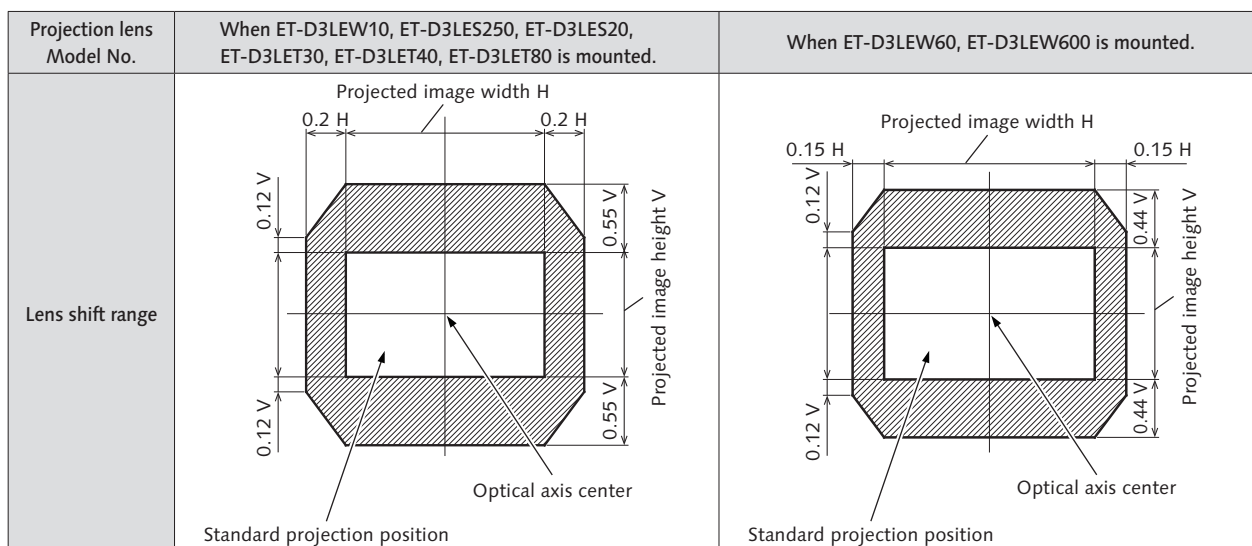
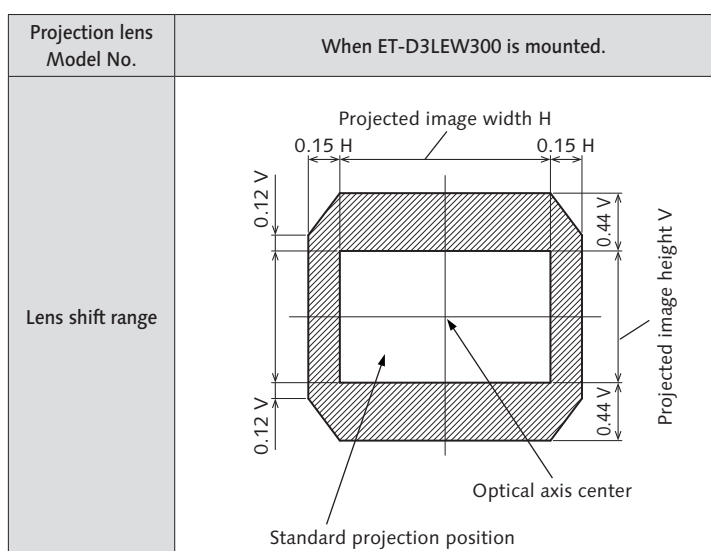
| Projection lens Model No. | Aspect ratio | Throw ratio | Projection distance (L) formula     |
|---------------------------|--------------|-------------|-------------------------------------|
| ET-D3LEU101               | 16:10        | 0.370:1     | $\approx 0.3264 \times SD - 0.0664$ |
|                           | 16:9         | 0.370:1     | $\approx 0.3355 \times SD - 0.0664$ |
|                           | 4:3          | 0.446:1     | $\approx 0.3695 \times SD - 0.0664$ |
| ET-D3LEW50                | 16:10        | 0.694:1     | $\approx 0.6072 \times SD - 0.0713$ |
|                           | 16:9         | 0.695:1     | $\approx 0.6240 \times SD - 0.0713$ |
|                           | 4:3          | 0.836:1     | $\approx 0.6873 \times SD - 0.0713$ |

| Projection lens Model No. | Aspect ratio | Throw ratio | Projection distance (L1) formula  | Distance between the projector and the screen (A1) formula |                                   |
|---------------------------|--------------|-------------|-----------------------------------|------------------------------------------------------------|-----------------------------------|
|                           |              |             |                                   | Min.                                                       | Max.                              |
| ET-D75LE95                | 16:10        | 0.364:1     | $\approx 0.303 \times SD + 0.020$ | $\approx 0.184 \times SH - 0.128$                          | $\approx 0.283 \times SH - 0.128$ |
|                           | 16:9         | 0.364:1     | $\approx 0.312 \times SD + 0.020$ | $\approx 0.205 \times SH - 0.128$                          | $\approx 0.370 \times SH - 0.128$ |
|                           | 4:3          | 0.436:1     | $\approx 0.343 \times SD + 0.020$ | $\approx 0.184 \times SH - 0.128$                          | $\approx 0.283 \times SH - 0.128$ |

## 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.

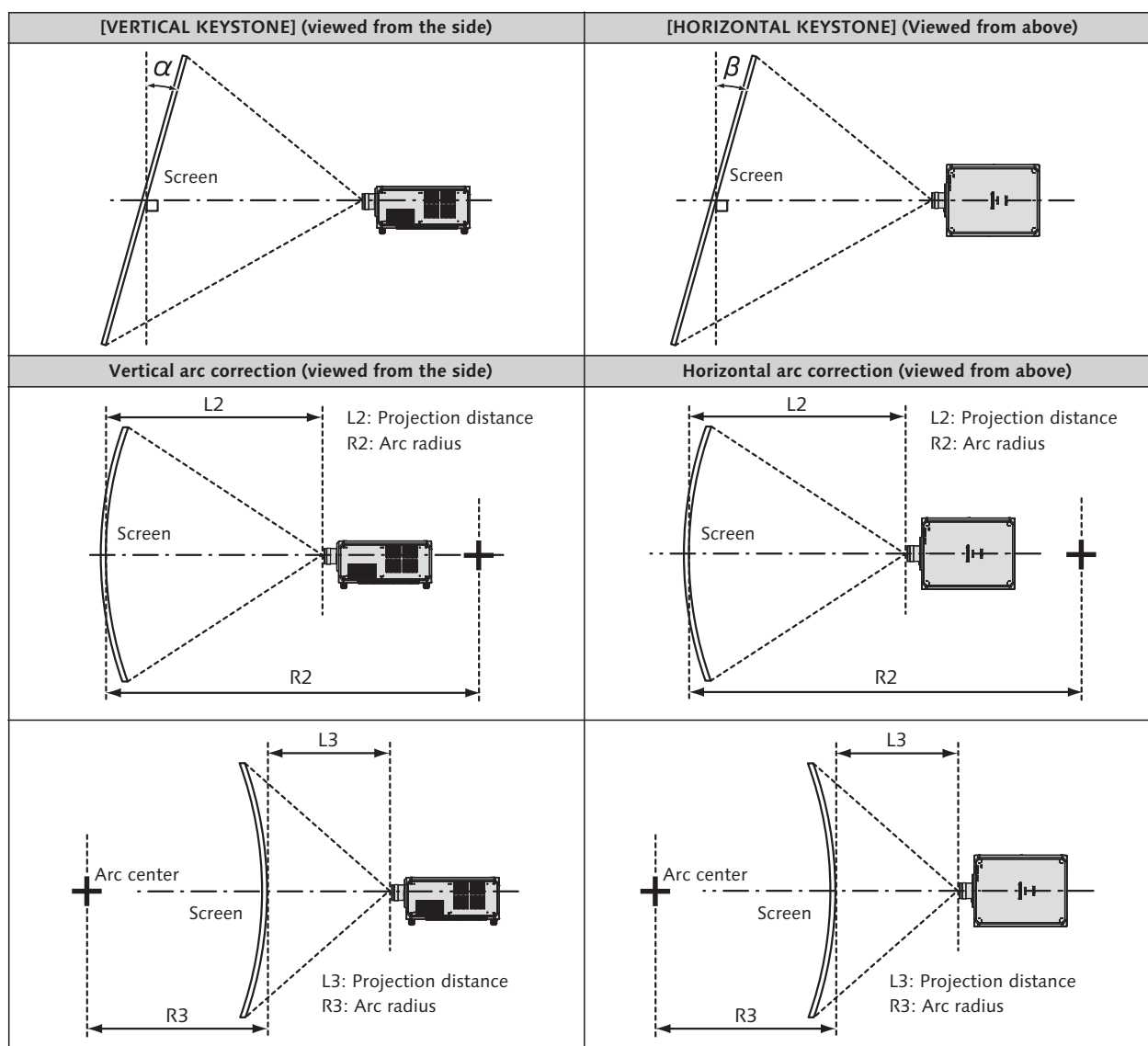
Following figure shows the adjustment range when the projector is installed on the floor.



| Projection lens<br>Model No. | When ET-D3LEW201 is mounted.                                                                                                                                            | When ET-D3LEU101 is mounted.                                                                                                                                                                                     |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lens shift range             | <p>Projected image width H</p> <p>0.15 H</p> <p>0.12 V</p> <p>0.48 V</p> <p>Projected image height V</p> <p>Optical axis center</p> <p>Standard projection position</p> | <p>Projected image width H</p> <p>0.25 H</p> <p>0.12 V</p> <p>0.55 V</p> <p>Projected image height V</p> <p>Optical axis center</p> <p>Standard projection position</p> <p>Part of the image may be obscured</p> |
| Projection lens<br>Model No. | When ET-D75LE95 is mounted.                                                                                                                                             | When ET-D3LEF70 is mounted.                                                                                                                                                                                      |
| Lens shift range             | <p>Projected image width H</p> <p>0.12 H</p> <p>0.05 V</p> <p>0.73 V</p> <p>Projected image height V</p> <p>Optical axis center</p> <p>Standard projection position</p> | <p>Projected image width H</p> <p>0.12 H</p> <p>0.27 V</p> <p>0.27 V</p> <p>Projected image height V</p> <p>Optical axis center</p> <p>Standard projection position</p>                                          |

- When using the fixed lens (Model No.: ET-D3LEW50) Use the projection lens in the standard projection position without adjusting the lens shift.

## [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 α<br>(°) | Horizontal keystone<br>correction angle β<br>(°) | Vertical keystone<br>correction angle α<br>(°)   | Horizontal keystone<br>correction angle β<br>(°) | 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-D3LEW201                  | ± 15                                           | ±5                                               | -                                                | -                                                | -                      | -                      | -                             | -                      |
| ET-D3LEW300                  | ± 15                                           | ±5                                               | -                                                | -                                                | -                      | -                      | -                             | -                      |
| ET-D3LEW60<br>ET-D3LEW600    | ± 28                                           | ± 15                                             | ± 10                                             | ± 10                                             | 1.2                    | 3.0                    | 0.7                           | 1.7                    |
| ET-D3LEW10                   | ± 40                                           | ± 40                                             | ± 20                                             | ± 15                                             | 0.9                    | 2.0                    | 0.5                           | 1.1                    |
| ET-D3LES250                  | ± 40                                           | ± 40                                             | ± 20                                             | ± 15                                             | 0.7                    | 1.3                    | 0.4                           | 0.7                    |
| ET-D3LES20                   | ± 40                                           | ± 40                                             | ± 20                                             | ± 15                                             | 0.7                    | 1.3                    | 0.4                           | 0.7                    |
| ET-D3LET30                   | ± 45                                           | ± 40                                             | ± 20                                             | ± 15                                             | 0.5                    | 0.9                    | 0.3                           | 0.5                    |
| ET-D3LET40                   | ± 45                                           | ± 40                                             | ± 20                                             | ± 15                                             | 0.3                    | 0.5                    | 0.2                           | 0.3                    |
| ET-D3LET80                   | ± 45                                           | ± 40                                             | ± 20                                             | ± 15                                             | 0.2                    | 0.3                    | 0.1                           | 0.2                    |
| ET-D3LEU101                  | ±8                                             | ±5                                               | -                                                | -                                                | -                      | -                      | -                             | -                      |
| ET-D3LEW50                   | ± 22                                           | ± 15                                             | ±8                                               | ±8                                               | 1.5                    | 3.7                    | 0.9                           | 2.2                    |
| ET-D75LE95 <sup>2</sup>      | + 5/- 0                                        | 0                                                | -                                                | -                                                | -                      | -                      | -                             | -                      |

<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.

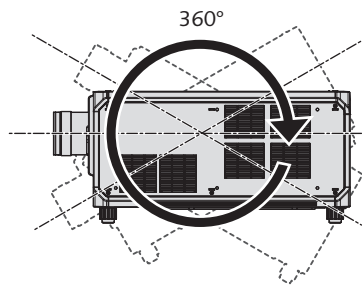
**Note**

- 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.

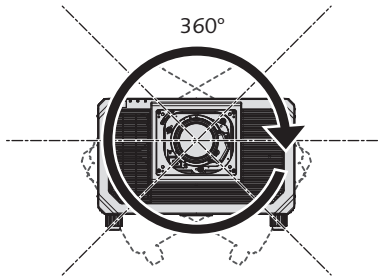
**Installable angle**

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

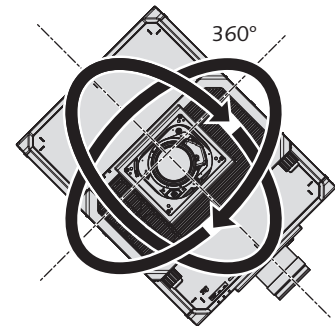
FULL 360-degree projection



Vertical 360-deg.



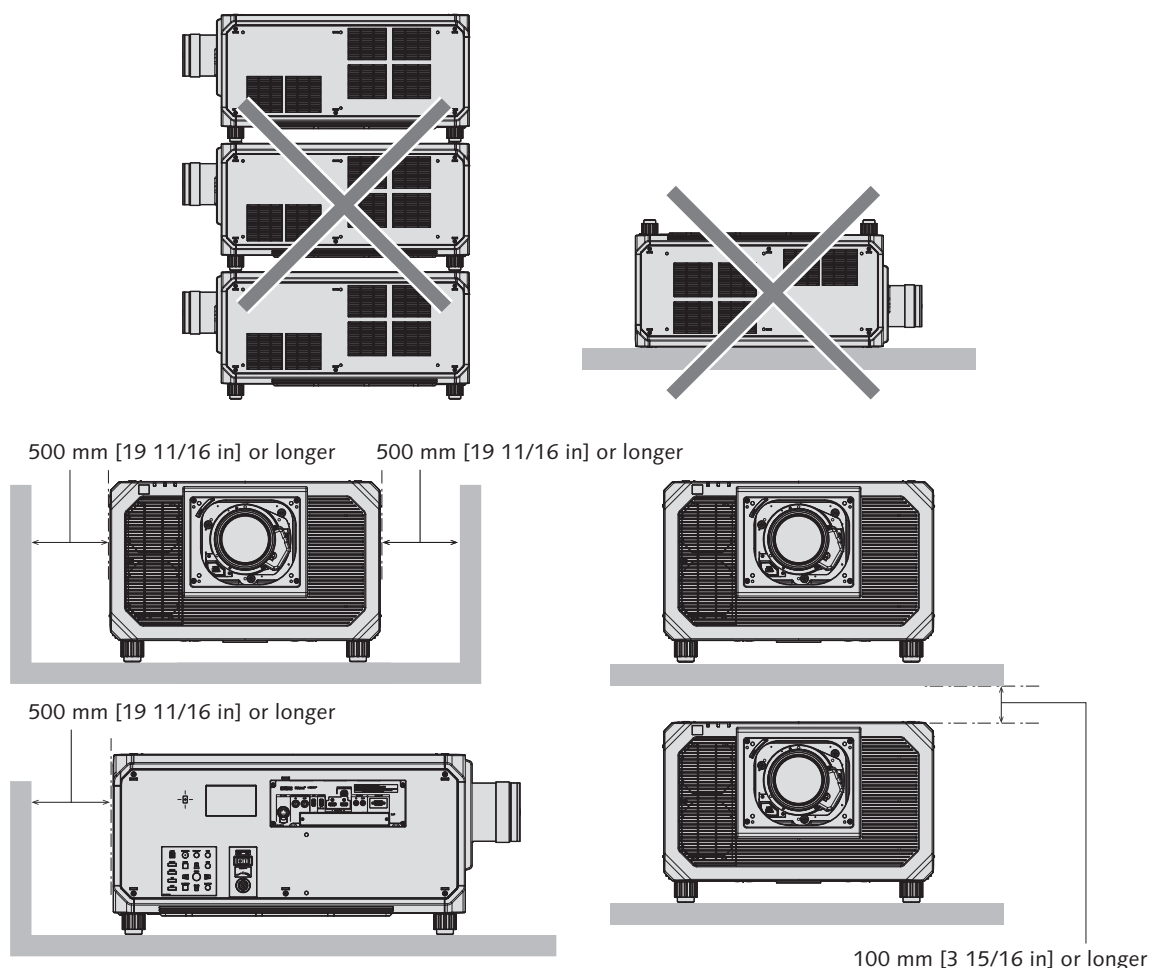
Horizontal 360-deg.



Tilting 360-deg.  
(Vertical and Horizontal combination)

**Notes on projector placement and operation**

- Do not stack three or more projectors.
- 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 Projector & Display Corporation. 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 type of 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<br>(SIGNAL FORMAT) | Resolution<br>(Dots) | Scanning freq.      |                  | Dot clock freq.<br>(MHz) | Compatible signal |               |
|-------------|--------------------------------|----------------------|---------------------|------------------|--------------------------|-------------------|---------------|
|             |                                |                      | Horizontal<br>(kHz) | Vertical<br>(Hz) |                          | HDMI™             | 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                     | ✓                 | ✓             |
|             | 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                     | ✓                 | ✓             |
|             | 1080/25p                       | 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                    | ✓                 | ✓             |
|             | 1080/100p                      | 1920 x 1080          | 112.5               | 100.0²           | 297.0                    | ✓                 | ✓             |
|             | 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                     | ✓                 | ✓             |
|             | 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                    | ✓                 | ✓             |
|             | 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                    | ✓                 | ✓             |
|             | 2560 x 1600/60                 | 2560 x 1600⁴         | 98.7                | 60.0             | 268.5                    | ✓                 | ✓             |
|             | 3440 x 1440/30                 | 3440 x 1440⁴         | 44.0                | 30.0             | 154.7                    | ✓                 | ✓             |
|             | 3440 x 1440/50                 | 3440 x 1440⁴         | 73.7                | 50.0             | 259.4                    | ✓                 | —             |
|             | 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 This is supported when the optional DIGITAL LINK Terminal Board (Model No.: TY-SB01DL) is installed in the slot.

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.
  - When using the [QUAD PIXEL DRIVE] is set to [ON]: 3840 x 2400
  - When using the [QUAD PIXEL DRIVE] is set to [OFF]: 1920 x 1200
- The "i" at the end of the resolution indicates an interlaced signal.
- When interlaced signals are connected, flickering may occur on the projected image.
- When displaying 720/120p or 1080/120p video, the following settings will be disabled and fixed to [Off]:
  - [POSITION ADJUSTMENT] Menu → [GEOMETRIC CORRECTION]
  - [ADVANCED MENU] Menu → [QUAD PIXEL DRIVE]

## List of Plug and play compatible signals

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

✓ : Supported by EDID default data table

⊙ : Supported in EDID MODE [USER]

– : Not compatible with Plug and play

For signals marked with – in the Plug and Play compatibility column, the projector may support the resolution, but the computer may not be able to select it.

| Signal name<br>(SIGNAL FORMAT) | Resolution<br>(Dots) | Scanning freq.      |                  | Dot clock<br>freq.<br>(MHz) | Plug and play Compatible signal |        |    |               |         |    |
|--------------------------------|----------------------|---------------------|------------------|-----------------------------|---------------------------------|--------|----|---------------|---------|----|
|                                |                      | Horizontal<br>(kHz) | Vertical<br>(Hz) |                             | HDMI™                           |        |    | DIGITAL LINK¹ |         |    |
|                                |                      |                     |                  |                             | 4K/60p²                         | 4K/30p | 2K | 4K/60p        | 4K/30p³ | 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                | 60.0⁴            | 74.3                        | ✓⊙                              | ✓⊙     | ✓⊙ | ✓⊙            | ✓⊙      | ✓⊙ |
| 720/50p                        | 1280 x 720           | 37.5                | 50.0             | 74.3                        | ✓⊙                              | ✓⊙     | ✓⊙ | ✓⊙            | ✓⊙      | ✓⊙ |
| 1080/60i                       | 1920 x 1080i         | 33.8                | 60.0⁴            | 74.3                        | ✓⊙                              | ✓⊙     | ✓⊙ | ✓⊙            | ✓⊙      | ✓⊙ |
| 1080/50i                       | 1920 x 1080i         | 28.1                | 50.0             | 74.3                        | ✓⊙                              | ✓⊙     | ✓⊙ | ✓⊙            | ✓⊙      | ✓⊙ |
| 1080/24p                       | 1920 x 1080          | 27.0                | 60.0⁴            | 74.3                        | ✓⊙                              | ✓⊙     | ✓⊙ | ✓⊙            | ✓⊙      | ✓⊙ |
| 1080/25p                       | 1920 x 1080          | 28.1                | 25.0             | 74.3                        | ✓⊙                              | ✓⊙     | ✓⊙ | ✓⊙            | ✓⊙      | ✓⊙ |
| 1080/30p                       | 1920 x 1080          | 33.8                | 60.0⁴            | 74.3                        | ✓⊙                              | ✓⊙     | ✓⊙ | ✓⊙            | ✓⊙      | ✓⊙ |
| 1080/60p                       | 1920 x 1080          | 67.5                | 60.0⁴            | 148.5                       | ✓⊙                              | ✓⊙     | ✓⊙ | ✓⊙            | ✓⊙      | ✓⊙ |
| 1080/50p                       | 1920 x 1080          | 56.3                | 50.0             | 148.5                       | ✓⊙                              | ✓⊙     | ✓⊙ | ✓⊙            | ✓⊙      | ✓⊙ |
| 1080/100p                      | 1920 x 1080          | 112.5               | 60.0⁴            | 297.0                       | ✓⊙                              | ✓⊙     | –  | ✓⊙            | ✓⊙      | –  |
| 1080/120p                      | 1920 x 1080          | 135.0               | 60.0⁴            | 297.0                       | ✓⊙                              | ✓⊙     | –  | ✓⊙            | ✓⊙      | –  |
| 2K/24p                         | 2048 x 1080          | 27.0                | 60.0⁴            | 74.3                        | ⊙                               | ⊙      | ⊙  | ⊙             | ⊙       | ⊙  |
| 2K/25p                         | 2048 x 1080          | 28.1                | 25.0             | 74.3                        | ⊙                               | ⊙      | ⊙  | ⊙             | ⊙       | ⊙  |
| 2K/30p                         | 2048 x 1080          | 33.8                | 60.0⁴            | 74.3                        | ⊙                               | ⊙      | ⊙  | ⊙             | ⊙       | ⊙  |
| 2K/48p                         | 2048 x 1080          | 54.0                | 60.0⁴            | 148.5                       | ⊙                               | ⊙      | ⊙  | ⊙             | ⊙       | ⊙  |
| 2K/60p                         | 2048 x 1080          | 67.5                | 60.0⁴            | 148.5                       | ⊙                               | ⊙      | ⊙  | ⊙             | ⊙       | ⊙  |
| 2K/50p                         | 2048 x 1080          | 56.3                | 50.0             | 148.5                       | ⊙                               | ⊙      | ⊙  | ⊙             | ⊙       | ⊙  |
| 2560 x 1080/60p                | 2560 x 1080          | 66.0                | 60.0⁴            | 198.0                       | ✓⊙                              | ✓⊙     | –  | ✓⊙            | ✓⊙      | –  |
| 2560 x 1080/50p                | 2560 x 1080          | 56.3                | 50.0             | 185.6                       | ✓⊙                              | ✓⊙     | –  | ✓⊙            | ✓⊙      | –  |
| 3840 x 2160/24p                | 3840 x 2160          | 54.0                | 24.0⁴            | 297.0                       | ✓                               | ✓      | –  | ✓             | ✓       | –  |
| 3840 x 2160/25p                | 3840 x 2160          | 56.3                | 25.0             | 297.0                       | ✓                               | ✓      | –  | ✓             | ✓       | –  |
| 3840 x 2160/30p                | 3840 x 2160          | 67.5                | 30.0⁴            | 297.0                       | ✓                               | ✓      | –  | ✓             | ✓       | –  |
| 3840 x 2160/60p                | 3840 x 2160          | 135.0               | 60.0⁴            | 297.0                       | ✓ ⁵                             | –      | –  | ✓ ⁵           | –       | –  |
|                                | 3840 x 2160          | 135.0               | 60.0⁴            | 594.0                       | ✓                               | –      | –  | –             | –       | –  |
| 3840 x 2160/50p                | 3840 x 2160          | 112.5               | 50.0             | 297.0                       | ✓ ⁵                             | –      | –  | ✓ ⁵           | –       | –  |
|                                | 3840 x 2160          | 112.5               | 50.0             | 594.0                       | ✓                               | –      | –  | –             | –       | –  |
| 4096 x 2160/24p                | 4096 x 2160          | 54.0                | 24.0⁴            | 297.0                       | ✓                               | ✓      | –  | ✓             | ✓       | –  |
| 4096 x 2160/25p                | 4096 x 2160          | 56.3                | 25.0             | 297.0                       | ✓                               | ✓      | –  | ✓             | ✓       | –  |
| 4096 x 2160/30p                | 4096 x 2160          | 67.5                | 30.0⁴            | 297.0                       | ✓                               | ✓      | –  | ✓             | ✓       | –  |
| 4096 x 2160/60p                | 4096 x 2160          | 135.0               | 60.0⁴            | 297.0                       | ✓ ⁵                             | –      | –  | ✓ ⁵           | –       | –  |
|                                | 4096 x 2160          | 135.0               | 60.0⁴            | 594.0                       | ✓                               | –      | –  | –             | –       | –  |
| 4096 x 2160/50p                | 4096 x 2160          | 112.5               | 50.0             | 297.0                       | ✓ ⁵                             | –      | –  | ✓ ⁵           | –       | –  |
|                                | 4096 x 2160          | 112.5               | 50.0             | 594.0                       | ✓                               | –      | –  | –             | –       | –  |
| 640 x 480/60                   | 640 x 480            | 31.5                | 59.9             | 25.2                        | ✓                               | ✓      | ✓  | ✓             | ✓       | ✓  |
| 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                       | ✓⊙                              | ✓⊙     | ✓⊙ | ✓⊙            | ✓⊙      | ✓⊙ |
| 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 1200⁶         | 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 1440⁶         | 88.8                | 60.0             | 241.5                       | ⊙                               | ⊙      | –  | ⊙             | ⊙       | –  |
| 2560 x 1600/50                 | 2560 x 1600          | 82.4                | 50.0             | 286.0                       | ⊙                               | ⊙      | –  | ⊙             | ⊙       | –  |
| 2560 x 1600/60                 | 2560 x 1600⁶         | 98.7                | 60.0             | 268.5                       | ✓⊙                              | ✓⊙     | –  | ✓⊙            | ✓⊙      | –  |
| 3440 x 1440/30                 | 3440 x 1440⁶         | 44.0                | 30.0             | 154.7                       | ⊙                               | –      | –  | –             | –       | –  |
| 3440 x 1440/50                 | 3440 x 1440⁶         | 73.7                | 50.0             | 259.4                       | ⊙                               | –      | –  | –             | –       | –  |
| 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 This is supported when the optional DIGITAL LINK Terminal Board (Model No.: TY-SB01DL) is installed in the slot.

2 4K/30p indicates 4K/30p/SDR and 4K/30p/HDR.

3 4K/60p indicates 4K/60p/SDR and 4K/60p/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

## 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                     | 1280 x 720        | 45.0             | 60.0              | 74.3                  | —           | HD-SDI         | YPbPr        | 4:2:2 10bit |
|             | 720/50p                     | 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-A | 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-A | 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-A | 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-A | 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-A | 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 |
|             | 1080/50p                    | 1920 x 1080       | 56.3             | 50.0              | 148.5                 | —           | 3G-SDI Level-A | 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-A | RGB          | 4:4:4 12bit |
|             | 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-A | 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-A | RGB          | 4:4:4 12bit |
|             | 2K/48p <sup>1</sup>         | 2048 x 1080       | 54.0             | 48.0              | 148.5                 | —           | 3G-SDI Level-A | YPbPr        | 4:2:2 10bit |
|             | 2K/60p                      | 2048 x 1080       | 67.5             | 60.0 <sup>2</sup> | 148.5                 | —           | 3G-SDI Level-A | 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 |
|             | 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 |
|             | 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       | 56.3             | 25.0              | 297.0                 | IL          | 12G-SDI Type 1 | RGB          | 4:4:4 12bit |
|             | 3840 x 2160/30p             | 3840 x 2160       | 67.5             | 30.0 <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       | 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 2160/60p             | 3840 x 2160       | 135.0            | 60.0 <sup>2</sup> | 594.0                 | IL          | 12G-SDI Type 1 | YPbPr        | 4:2:2 10bit |
|             | 3840 x 2160/50p             | 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       | 54.0             | 24.0 <sup>2</sup> | 297.0                 | IL          | 12G-SDI Type 1 | RGB          | 4:4:4 12bit |
|             | 4096 x 2160/25p             | 4096 x 2160       | 56.3             | 25.0              | 297.0                 | IL          | 12G-SDI Type 1 | 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       | 56.3             | 25.0              | 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           | 4096 x 2160/30p             | 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       | 67.5             | 30.0 <sup>2</sup> | 297.0                 | IL          | 12G-SDI Type 1 | RGB          | 4:4:4 10bit |
|             | 4096 x 2160/60p             | 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 2160/50p             | 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 Function Board (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.

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

- 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-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-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-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 2160/25p             | 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       | 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-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-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 2160/30p             | 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-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       | 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-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 2160/60p             | 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-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-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       | 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 2160/50p             | 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 |
|             | 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-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-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-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 2160/25p             | 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       | 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-A | YPbPr        | 4:4:4 10bit |

| Signal Type | Signal name (SIGNAL FORMAT) | Resolution (Dots) | Scanning freq.   |                   | Dot clock freq. (MHz) | 4K division | Format         | Color format | Sampling    |
|-------------|-----------------------------|-------------------|------------------|-------------------|-----------------------|-------------|----------------|--------------|-------------|
|             |                             |                   | Horizontal (kHz) | Vertical (Hz)     |                       |             |                |              |             |
| V           | 4096 x 2160/25p             | 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-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-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 2160/30p             | 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-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-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-A | RGB          | 4:4:4 10bit |
|             |                             | 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-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 2160/60p             | 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 2160/50p             | 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 |

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