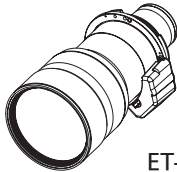


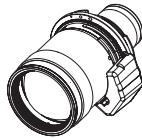
Operating Instructions

Projection Lens **Commercial Use**

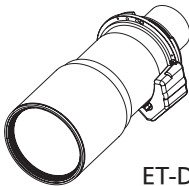
Model No. ET-D3LEW60
ET-D3LES20
ET-D3LET80
ET-D3LEW50



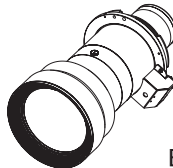
ET-D3LEW60



ET-D3LES20



ET-D3LET80



ET-D3LEW50

ENGLISH

FRANÇAIS

日本語

Read before use

This document is intended for the various projection lenses that can be attached to and used in conjunction with Panasonic projectors.

For Model No. and model names, refer to the product list (▶Page 4).

Thank you for purchasing this Panasonic product.

- To ensure correct use of this lens, please read the operating instructions supplied with the lens and the projector carefully.
- **Before using this product, be sure to read “Read this first!” (▶Page 3).**
- Please save this manual for future use.

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Projected image size and Projection distance	Appendix / Annexe / 付録 1

The "Appendix" can be found after the Japanese language section (**日本語**).

WARNING:

Do not look at or place your skin into the light emitted from the lens while the projector is being used.

Doing so can cause burns or loss of sight.

- Strong light is emitted from the projector's lens. Do not look at or place your hands directly into this light.
- Turn off the power when moving away from the projection lens or projector.

Do not project an image with the lens cover attached.

- Doing so can cause fire.

CAUTION:

Before replacing the projection lens, be sure to turn off the power and disconnect the power plug from the wall outlet.

- Unexpected projection of light may cause injury to eyes.
- Replacing the projection lens without removing the power plug may result in electric shock.

Do not stand in front of the lens while the projector is being used.

Doing so can cause damage and burns to clothing.

- Strong light is emitted from the projector's lens.

Do not place objects in front of the lens while the projector is being used.

Doing so can cause fire, damage to the object, or malfunction of the lens and projector.

- Strong light is emitted from the projector's lens.

Do not open the desiccant bag. Do not eat the contents.

Inadvertently ingesting desiccant could be harmful.

- If the desiccant gets into your eyes or mouth, immediately rinse with plenty of water and seek medical attention.
- Keep desiccant out of the reach of children.

Before Use

Product list

The product names and model numbers of the projection lenses covered by this manual are as follows.

Product name	Model number	Description
Zoom lens	ET-D3LEW60 / ET-D3LES20 ET-D3LET80	Projection lens equipped with an EEPROM*1 and stepping motor.
Fixed focus lens	ET-D3LEW50	Projection lens equipped with an EEPROM*1.

*1 EEPROM: Electrically erasable programmable read-only memory

Projectors supported by each projection lens

● ET-D3LEW60 / ET-D3LES20 / ET-D3LET80

PT-RQ32K / PT-RZ31K / PT-RS30K / PT-RZ21K / PT-RS20K

● ET-D3LEW50

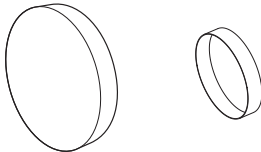
PT-RQ32K / PT-RZ31K / PT-RS30K / PT-RZ21K / PT-RS20K / PT-RQ13K / PT-RZ12K / PT-RS11K / PT-DZ21K2 / PT-DS20K2 / PT-DW17K2 / PT-DZ16K2 / PT-DZ13K / PT-DS12K / PT-DW11K / PT-DZ10K

Note

- Some of the alphabet letters at the end of projector model numbers may be omitted in this manual.
- Models other than the above may also be supported. Refer to the operating instructions for your projector or the website (<https://panasonic.net/cns/projector/>).
- If the projector you are using is PT-RQ32K / PT-RZ31K / PT-RS30K / PT-RZ21K / PT-RS20K, you may not be able to use the ET-D3LEW60 / ET-D3LES20 / ET-D3LET80 / ET-D3LEW50 projection lens depending on main version of the firmware. If main version of the firmware is the version number shown below, update to the latest firmware before use.
 - PT-RQ32K / PT-RZ31K / PT-RS30K: Earlier than 3.00
 - PT-RZ21K / PT-RS20K: Earlier than 2.00For details on the update procedure, refer to the latest firmware information on the website (<https://panasonic.net/cns/projector/pass/>).
- The main version of the firmware can be checked in the [STATUS] screen.

Supplied Accessories

Make sure that the following has been provided.

Part name	Appearance (quantity)
Lens cover	 <p>(The product is delivered with a lens cover attached.)</p> <p>1 each</p>

Attaching the Lens / Detaching the Lens

Before replacing the projection lens

Return the projection lens to the home position before replacing or removing it. For details on how to return the lens to the home position, refer to the operating instructions of the projector.

Attention

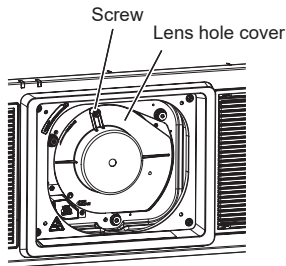
- Make sure that the projector power supply is switched off before attaching or detaching the projection lens.
- After removing the projection lens, store it safely away from vibration or impacts.
- Do not touch the electrical contacts of the projection lens with your fingers. Dust and dirt on the contacts may cause contact malfunctions, while static electricity may damage the unit.
- Do not touch the surface of the lens with bare hands. Finger prints and dirt on the surface of the lens will be magnified by the lens and lower the quality of the projected image. Place the supplied lens cover on the zoom lens when the projector is not in use.
- The lens is made of glass. The lens could be damaged if brought into contact with or rubbed against hard objects. Handle the lens carefully.
- Use a clean, soft and dry cloth to wipe away dust and dirt from the projection lens. Do not use fluffy cloths containing oil, water or dust for cleaning. The lens is easily damaged, so do not apply excessive pressure when wiping it.

Attaching the Lens

Note

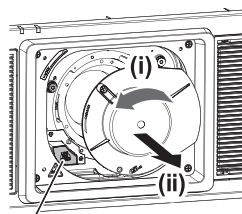
- If the lens hole cover is already removed, start from step 3.

The illustrations in this procedure depict attachment of the ET-D3LEW50 onto the PT-RZ21K.



1) Loosen the lens hole cover screw.

- Use a Phillips screwdriver to turn the lens hole cover screw counterclockwise until it is in its loosened state.

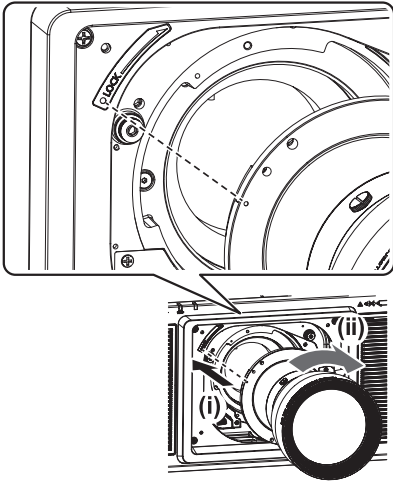


2) Remove the lens hole cover.

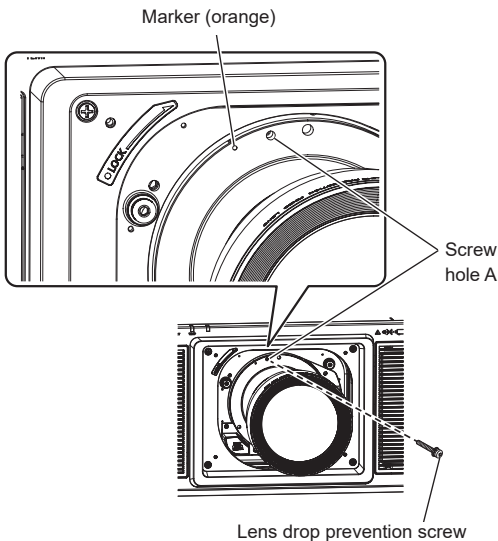
- (i) While pressing the lens release button, turn the lens hole cover counterclockwise until its marker (○) aligns with the marker on the projector (○ to the left of "LOCK"). (ii) Then remove the lens hole cover.

Lens release button

Attaching the Lens / Detaching the Lens (continued)



- 3) (i) Insert the projection lens while aligning its marker (orange) with the marker on the projector (○ to the left of “LOCK”), and (ii) turn it clockwise until it clicks into place.



- 4) Use the lens drop prevention screw supplied with the projector to secure the projection lens.
- Use a Phillips screwdriver to secure the screw in hole A to the right of the marker (orange) on the projection lens.

Attention

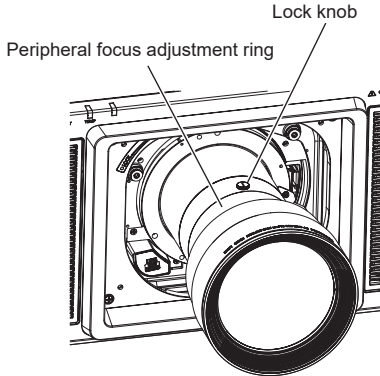
- Turn the projection lens counterclockwise, and verify that it is secure.
- Store the removed lens hole cover safely for future use.
- After attaching the projection lens, turn on the projector and perform lens calibration. (➡ page 8)

Attaching the Lens / Detaching the Lens (continued)

Peripheral focus adjustment function

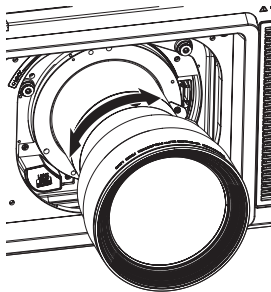
When using the ET-D3LEW60 or ET-D3LEW50, the focus balance between the center of the projected image and the peripheral areas differs depending on the size of the image.

The ET-D3LEW60 and ET-D3LEW50 are equipped with a function for adjusting the peripheral focus.



The illustrations in this procedure depict attachment of the ET-D3LEW50 onto the PT-RZ21K.

■ Adjusting the focus



- 1) Operate the projector to align the focus of the center of the projected image.
- 2) Loosen the lock knob by turning it counterclockwise.
- 3) Turn the peripheral focus adjustment ring in the directions of the arrows to align the focus of the peripheral areas of the image.
- 4) Tighten the lock knob by turning it clockwise.

Note

- The screen sizes displayed on the lens are approximate guides.

Attaching the Lens / Detaching the Lens (continued)

Lens calibration

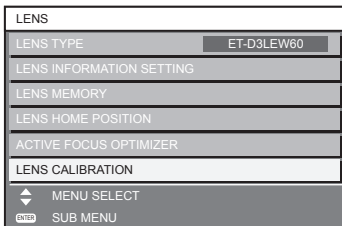
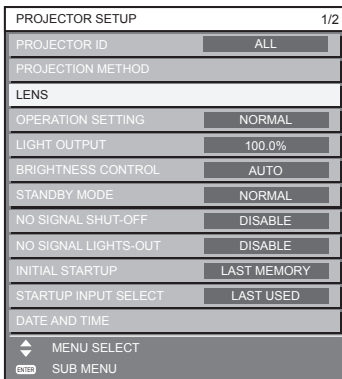
Perform lens calibration after attaching the lens.

The lens calibration procedure differs depending on the projector you are using and the main version of the firmware.

- **PT-RQ32K / PT-RZ31K / PT-RS30K: Main version is 3.00 or later**
Refer to "Case 1" (➡ page 8).
- **PT-RZ21K / PT-RS20K: Main version is 2.00 or later**
Refer to "Case 1" (➡ page 8).
- **PT-RQ13K / PT-RZ12K / PT-RS11K / PT-DZ21K2 / PT-DS20K2 / PT-DW17K2 / PT-DZ16K2 / PT-DZ13K / PT-DS12K / PT-DW11K / PT-DZ10K**
Refer to "Case 2" (➡ page 10). (Only ET-D3LEW50 is supported)

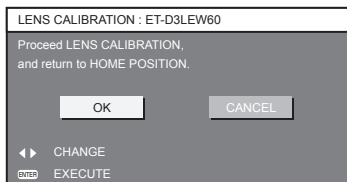
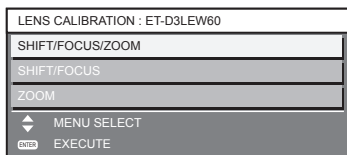
■ Case 1

- PT-RQ32K / PT-RZ31K / PT-RS30K (main version of the firmware is 3.00 or later)
- PT-RZ21K / PT-RS20K (main version of the firmware is 2.00 or later)



- 1) Press the <MENU> button.
- 2) Use the ▲ and ▼ buttons to select [PROJECTOR SETUP], and press the <ENTER> button.
 - The [PROJECTOR SETUP] screen appears.
- 3) Use the ▲ and ▼ buttons to select [LENS], and press the <ENTER> button.
 - The [LENS] screen appears.
- 4) Use the ▲ and ▼ buttons to select [LENS CALIBRATION], and press the <ENTER> button.
 - The [LENS CALIBRATION] screen appears.
 - When the ET-D3LEW50 is attached, a confirmation screen appears when the <ENTER> button is pressed. In such cases, proceed to step 6.

Attaching the Lens / Detaching the Lens (continued)



Note

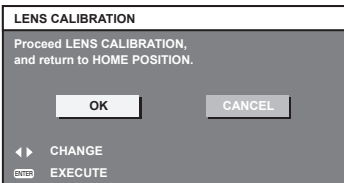
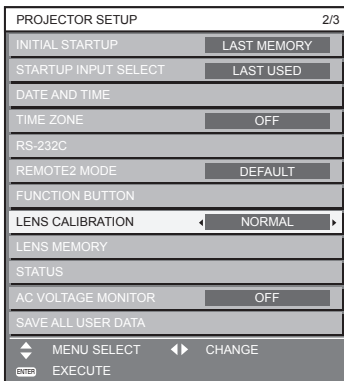
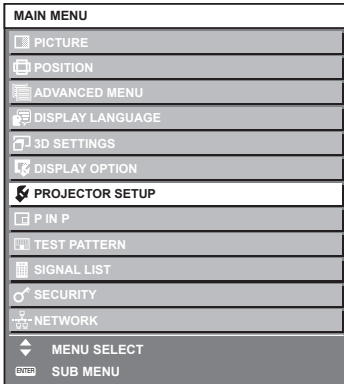
- If lens calibration is not performed, the available zoom range will be narrowed.

- 5) Use the ▲ and ▼ buttons to select [SHIFT/FOCUS/ZOOM], and press the <ENTER> button.
 - The confirmation screen appears.
- 6) Use the ◀ and ▶ buttons to select [OK], and press the <ENTER> button.
 - Lens calibration starts.
 - The projection lens moves to the home position after adjustment range calibration is complete.

Attaching the Lens / Detaching the Lens (continued)

Case 2

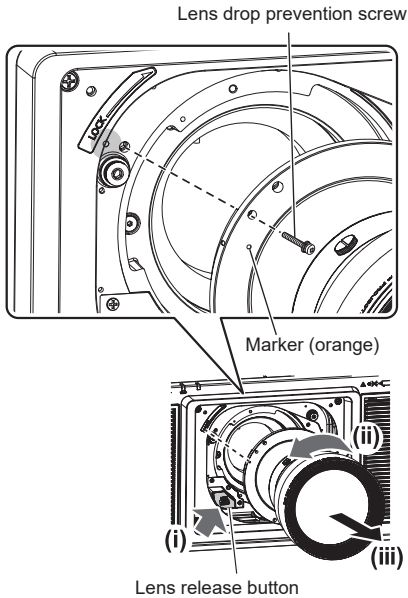
- PT-RQ13K / PT-RZ12K / PT-RS11K
- PT-DZ21K2 / PT-DS20K2 / PT-DW17K2 / PT-DZ16K2
- PT-DZ13K / PT-DS12K / PT-DW11K / PT-DZ10K



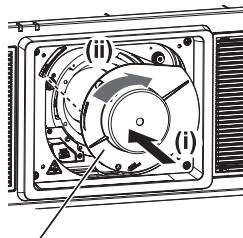
- 1) Press the <MENU> button.
- 2) Use the ▲ and ▼ buttons to select [PROJECTOR SETUP], and press the <ENTER> button.
 - The [PROJECTOR SETUP] screen appears.
- 3) Use the ▲ and ▼ buttons to select [LENS CALIBRATION].
- 4) Use the ◀ and ▶ buttons to select [NORMAL], and press the <ENTER> button.
 - The confirmation screen appears.
- 5) Use the ◀ and ▶ buttons to select [OK], and press the <ENTER> button.
 - Lens calibration starts.
 - The projection lens moves to the home position after adjustment range calibration is complete.

Attaching the Lens / Detaching the Lens (continued)

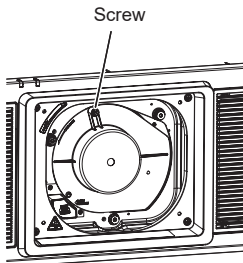
Removing the Lens



Lens release button



Lens hole cover



Screw

The illustrations in this procedure depict attachment of the ET-D3LEW50 onto the PT-RZ21K.

1) Remove the lens drop prevention screw.

- Use a Phillips screwdriver to remove the screw in first hole to the right of the marker (orange) on the projection lens.

2) (i) While pressing the lens release button, (ii) turn the projection lens counterclockwise, and (iii) remove it.

- Turn the projection lens counterclockwise until its marker (orange) aligns with the marker on the projector (○ to the left of "LOCK").
- If you intend to transport or store the projector, proceed to step 3.

3) Attach the lens hole cover supplied with the projector.

- (i) Insert the lens hole cover while aligning its marker (○) with the marker on the projector (○ to the left of "LOCK"), and (ii) turn it clockwise until it clicks into place.

4) Secure the lens hole cover.

- Use a Phillips screwdriver to tighten the lens hole cover screw.

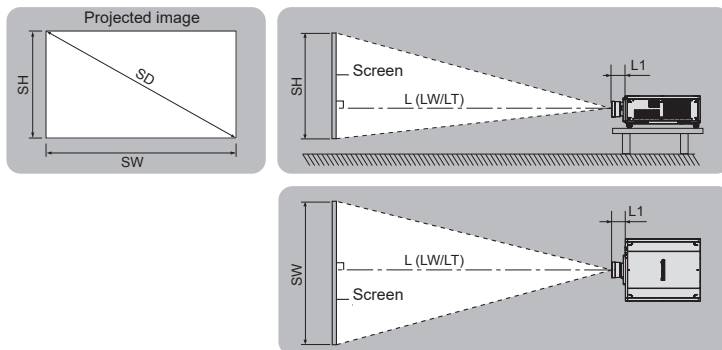
Attention

- Store the removed projection lens safely without subjecting it to vibration or impact.
- Store the removed lens drop prevention screw safely for future use.

Projection relationships

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

Dimensional relationship diagram



Note

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

$L (LW / LT)^{*1}$	Projection distance
L1	Lens protrusion dimension
SH	Projected image height
SW	Projected image width
SD	Projected image size

*1 LW: Minimum projection distance when using a zoom lens.
 LT: Maximum projection distance when using a zoom lens.

● L1 dimensions (approximate values)

(Unit: m)

Projector model	PT-RQ32K / PT-RZ31K / PT-RS30K	PT-RZ21K / PT-RS20K	PT-RQ13K / PT-RZ12K / PT-RS11K / PT-DZ21K2 / PT-DS20K2 / PT-DW17K2 / PT-DZ16K2 / PT-DZ13K / PT-DS12K / PT-DW11K / PT-DZ10K
ET-D3LEW60	0.182	0.212	-
ET-D3LES20	0.091	0.121	-
ET-D3LET80	0.224	0.254	-
ET-D3LEW50	0.173	0.203	0.203

Note

- The illustrations of projectors in this manual are for informational purposes only and do not represent a specific projector model. Configurations may vary with the model.

Attention

- To prevent obstruction of the intake and exhaust vents, install the projector with a clearance at least 500 mm (1 ft. 7 in.) from walls and objects.
 If you are installing the projector in a sealed space, be sure to provide additional air conditioning equipment and ventilation equipment. Insufficient ventilation will result in an accumulation of heat and may activate the projector's protection circuit.
- Avoid setting up in places which are subject to sudden temperature changes, such as near an air conditioner or lighting equipment (studio lamps, etc.).

Projection relationships (continued)

■ Dimensional relationship

For details on the projection distance (L), refer to “Projected image size and Projection distance” and “Projection distance formulas” in the Appendix.

Lens shift ranges

After moving the lens to the home position according to “Lens calibration” on page 8, you can use the position of the projected image at that position (i.e., the standard projection position) as a basis, and use the lens shift adjustment function on the projector to adjust the position of the projected image within the respective lens shift ranges.

Perform lens shift adjustment within the ranges shown in the following illustrations. Moving the lens outside of the adjustment ranges may alter the focus.

●ET-D3LEW60

PT-RQ32K	<p>0.19H Projected image width H 0.19H</p> <p>0.24V</p> <p>0.24V</p> <p>0.56V</p> <p>0.56V</p> <p>Projected image height V</p> <p>Standard projection position</p>
PT-RZ31K / PT-RZ21K	<p>0.15H Projected image width H 0.15H</p> <p>0.12V</p> <p>0.12V</p> <p>0.44V</p> <p>0.44V</p> <p>Projected image height V</p> <p>Standard projection position</p>
PT-RS30K / PT-RS20K	<p>0.2H Projected image width H 0.2H</p> <p>0.12V</p> <p>0.12V</p> <p>0.4V</p> <p>0.4V</p> <p>Projected image height V</p> <p>Standard projection position</p>

Lens shift ranges (continued)

● ET-D3LES20 / ET-D3LET80

PT-RQ32K	<p>Projected image width H</p> <p>$0.29H$</p> <p>$0.15V$</p> <p>$0.15V$</p> <p>Projected image height V</p> <p>$0.59V$</p> <p>Standard projection position</p>
PT-RZ31K / PT-RZ21K	<p>Projected image width H</p> <p>$0.2H$</p> <p>$0.12V$</p> <p>$0.12V$</p> <p>Projected image height V</p> <p>$0.55V$</p> <p>Standard projection position</p>
PT-RS30K / PT-RS20K	<p>Projected image width H</p> <p>$0.3H$</p> <p>$0.1V$</p> <p>$0.1V$</p> <p>Projected image height V</p> <p>$0.5V$</p> <p>Standard projection position</p>

Note

- The home position of the projector a point of origin position for the lens shift (i.e., vertical and horizontal positions of the lens) based on the results of lens calibration. It is not the optical center position of the screen.
- For the ET-D3LEW50, use the standard projection position, and do not perform lens shift adjustment.

Specifications

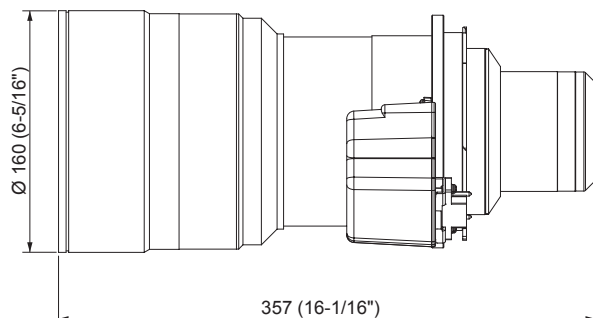
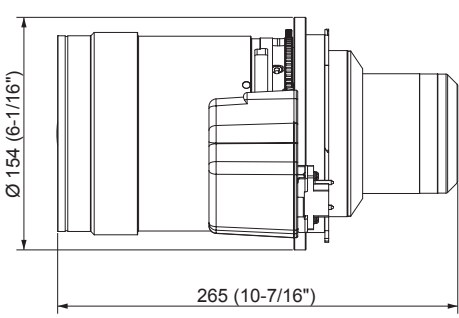
Check the specifications of each projection lens, and use the appropriate lens for your intended use.

Lens model	ET-D3LEW60	ET-D3LES20	ET-D3LET80	ET-D3LEW50
Lens type	Zoom lens	Zoom lens	Zoom lens	Fixed focus lens
F value	2.5	2.5	2.5 to 2.7	2.5
Focal length (f)	19.6 to 23.5 mm	35.0 to 50.9 mm	154 to 289 mm	14.8 mm
Dimensions*1	Width	160 mm (6-5/16")	154 mm (6-1/16")	160 mm (6-5/16")
	Height	160 mm (6-5/16")	154 mm (6-1/16")	160 mm (6-5/16")
	Depth	357 mm (16-1/16")	265 mm (10-7/16")	404 mm (15-29/32")
Mass	Approx. 8.7 kg (19.2 lb.)	Approx. 5.2 kg (11.5 lb.)	Approx. 8.5kg (18.7 lb.)	Approx. 7.1kg (15.7 lb.)

*1: Excluding protrusions.

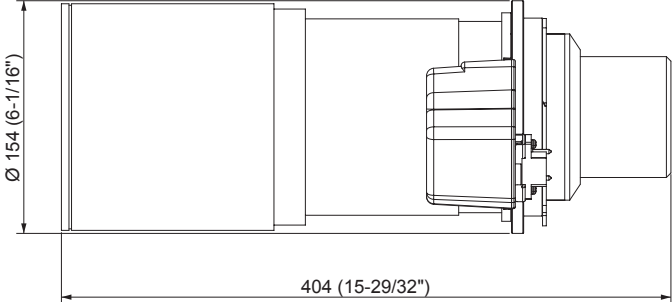
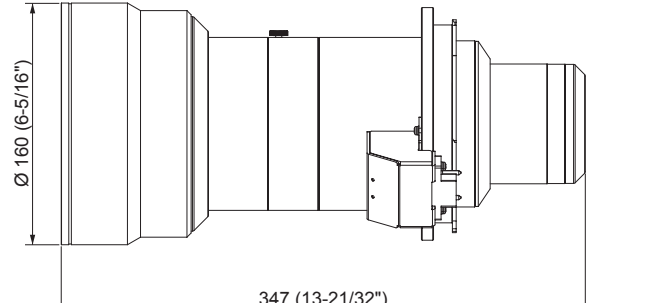
Dimensions

(Unit: mm)

Model number	Dimensions
ET-D3LEW60	 <p>Technical drawing of the ET-D3LEW60 projection lens. The drawing shows a side view of the lens with a diameter dimension of $\varnothing 160 (6-5/16")$ and a depth dimension of $357 (16-1/16")$.</p>
ET-D3LES20	 <p>Technical drawing of the ET-D3LES20 projection lens. The drawing shows a side view of the lens with a diameter dimension of $\varnothing 154 (6-1/16")$ and a depth dimension of $265 (10-7/16")$.</p>

Dimensions(continued)

(Unit: mm)

Model number	Dimensions
ET-D3LET80	 <p>Technical drawing of the ET-D3LET80 camera lens. The drawing shows a side view of the lens with a diameter dimension of $\text{Ø } 154 \text{ (6-1/16")}$ and a total length dimension of 404 (15-29/32").</p>
ET-D3LEW50	 <p>Technical drawing of the ET-D3LEW50 camera lens. The drawing shows a side view of the lens with a diameter dimension of $\text{Ø } 160 \text{ (6-5/16")}$ and a total length dimension of 347 (13-21/32").</p>

English

Manufactured by:

Panasonic Connect Co., Ltd.
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Importer:

Panasonic Connect Europe GmbH

Authorized Representative in EU:

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Winsbergring 15, 22525 Hamburg, Germany

Importer for UK;

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Europe GmbH,
Maxis 2, Western Road, Bracknell,
Berkshire, RG12 1RT



Italiano

Fabbricato da:

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Français

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Oprávněný zástupce v EU:

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MEMO

Disposal of Old Equipment

Only for European Union and countries with recycling systems



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AEEE Yönetmeliğine Uygundur.

Eski Ekipman ve Bataryaların İşlenmesi.

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Appendix / Annexe / 付録

■ ET-D3LEW60

(Unit / Unités / 単位 : m)

- When the screen aspect ratio is 16:10
- Lorsque le rapport d'aspect de l'écran est 16:10
- アスペクト比 16:10

			PT-RQ32K (2560 × 1600) Throw ratio / Rapport de projection / スローレシオ : [0.991 - 1.18:1]		PT-RZ31K / PT-RZ21K (WUXGA; 1920 × 1200) Throw ratio / Rapport de projection / スローレシオ : [0.924 - 1.10:1]		
SD	SH	SW	LW	LT	LW	LT	
1.78 (70")	0.942	1.508	1.46	1.75	1.36	1.63	
2.03 (80")	1.077	1.723	1.68	2.01	1.56	1.87	
2.29 (90")	1.212	1.939	1.90	2.27	1.77	2.11	
2.54 (100")	1.346	2.154	2.11	2.53	1.97	2.35	
3.05 (120")	1.615	2.585	2.55	3.05	2.38	2.84	
3.81 (150")	2.019	3.231	3.20	3.83	2.98	3.57	
5.08 (200")	2.692	4.308	4.29	5.13	4.00	4.78	
6.35 (250")	3.365	5.385	5.37	6.43	5.01	6.00	
7.62 (300")	4.039	6.462	6.46	7.73	6.02	7.21	
8.89 (350")	4.712	7.539	7.54	9.03	7.04	8.42	
10.16 (400")	5.385	8.616	8.63	10.33	8.05	9.64	
12.70 (500")	6.731	10.770	10.80	12.93	10.08	12.07	
15.24 (600")	8.077	12.923	12.97	15.53	12.10	14.49	
17.78 (700")	9.423	15.077	15.14	18.14	14.13	16.92	
20.32 (800")	10.770	17.231	17.31	20.74	16.16	19.35	
22.86 (900")	12.116	19.385	19.49	23.34	18.18	21.78	
25.40 (1000")	13.462	21.539	21.66	25.94	20.21	24.21	

(Unit / Unités / 単位 : m)

- When the screen aspect ratio is 16:9
- Lorsque le rapport d'aspect de l'écran est 16:9
- アスペクト比 16:9

			PT-RQ32K (2560 × 1440) Throw ratio / Rapport de projection / スローレシオ : [0.992 - 1.18:1]		PT-RZ31K / PT-RZ21K (1920 × 1080) Throw ratio / Rapport de projection / スローレシオ : [0.924 - 1.10:1]		PT-RS30K / PT-RS20K (1400 × 788) Throw ratio / Rapport de projection / スローレシオ : [1.01 - 1.19:1]	
SD	SH	SW	LW	LT	LW	LT	LW	LT
1.78 (70")	0.872	1.550	1.51	1.80	1.40	1.67	1.52	1.82
2.03 (80")	0.996	1.771	1.73	2.07	1.61	1.92	1.75	2.09
2.29 (90")	1.121	1.992	1.95	2.33	1.82	2.17	1.97	2.36
2.54 (100")	1.245	2.214	2.18	2.60	2.03	2.42	2.20	2.63
3.05 (120")	1.494	2.657	2.62	3.13	2.44	2.92	2.65	3.17
3.81 (150")	1.868	3.321	3.29	3.94	3.07	3.67	3.33	3.98
5.08 (200")	2.491	4.428	4.41	5.27	4.11	4.92	4.45	5.33
6.35 (250")	3.113	5.535	5.52	6.61	5.15	6.17	5.58	6.68
7.62 (300")	3.736	6.641	6.64	7.95	6.19	7.41	6.71	8.03
8.89 (350")	4.358	7.748	7.75	9.28	7.23	8.66	7.84	9.38
10.16 (400")	4.981	8.855	8.87	10.62	8.28	9.91	8.96	10.73
12.70 (500")	6.226	11.069	11.10	13.30	10.36	12.40	11.22	13.43
15.24 (600")	7.472	13.283	13.33	15.97	12.44	14.90	13.47	16.14
17.78 (700")	8.717	15.497	15.57	18.64	14.52	17.39	15.73	18.84
20.32 (800")	9.962	17.710	17.80	21.32	16.61	19.89	17.98	21.54
22.86 (900")	11.207	19.924	20.03	23.99	18.69	22.39	20.24	24.24
25.40 (1000")	12.453	22.138	22.26	26.66	20.77	24.88	22.49	26.94

Appendix / Annexe / 付録 (continued / suite / つづき)

(Unit / Unités / 単位 : m)

- When the screen aspect ratio is 4:3
- Lorsque le rapport d'aspect de l'écran est 4:3
- アスペクト比 4:3

SD	SH	SW	PT-RQ32K (2133 × 1600) Throw ratio / Rapport de projection / スローレシオ : [1.20 - 1.42:1]		PT-RZ31K / PT-RZ21K (1600 × 1200) Throw ratio / Rapport de projection / スローレシオ : [1.12 - 1.32:1]		PT-RS30K / PT-RS20K (SXGA+; 1400 × 1050) Throw ratio / Rapport de projection / スローレシオ : [1.01 - 1.19:1]	
			LW	LT	LW	LT	LW	LT
1.78 (70")	1.067	1.422	1.66	1.99	1.55	1.85	1.39	1.66
2.03 (80")	1.219	1.626	1.91	2.28	1.78	2.13	1.60	1.91
2.29 (90")	1.372	1.829	2.16	2.58	2.01	2.40	1.81	2.16
2.54 (100")	1.524	2.032	2.40	2.87	2.24	2.68	2.01	2.41
3.05 (120")	1.829	2.438	2.89	3.46	2.70	3.22	2.43	2.90
3.81 (150")	2.286	3.048	3.63	4.34	3.38	4.05	3.05	3.65
5.08 (200")	3.048	4.064	4.86	5.82	4.53	5.42	4.08	4.89
6.35 (250")	3.810	5.080	6.09	7.29	5.68	6.80	5.12	6.13
7.62 (300")	4.572	6.096	7.32	8.76	6.83	8.17	6.15	7.37
8.89 (350")	5.334	7.112	8.55	10.23	7.97	9.55	7.19	8.61
10.16 (400")	6.096	8.128	9.78	11.71	9.12	10.92	8.22	9.85
12.70 (500")	7.620	10.160	12.24	14.65	11.41	13.67	10.29	12.33
15.24 (600")	9.144	12.192	14.69	17.60	13.71	16.42	12.36	14.81
17.78 (700")	10.668	14.224	17.15	20.54	16.00	19.17	14.43	17.29
20.32 (800")	12.192	16.256	19.61	23.49	18.30	21.92	16.50	19.77
22.86 (900")	13.716	18.288	22.07	26.43	20.59	24.66	18.57	22.25
25.40 (1000")	15.240	20.320	24.53	29.38	22.89	27.41	20.64	24.73

■ ET-D3LES20

(Unit / Unités / 単位 : m)

- When the screen aspect ratio is 16:10
- Lorsque le rapport d'aspect de l'écran est 16:10
- アスペクト比 16:10

SD	SH	SW	PT-RQ32K (2560 × 1600) Throw ratio / Rapport de projection / スローレシオ : [1.79 - 2.59:1]		PT-RZ31K / PT-RZ21K (WUXGA; 1920 × 1200) Throw ratio / Rapport de projection / スローレシオ : [1.67 - 2.41:1]	
			LW	LT	LW	LT
1.78 (70")	0.942	1.508	2.64	3.85	2.46	3.58
2.03 (80")	1.077	1.723	3.03	4.41	2.82	4.11
2.29 (90")	1.212	1.939	3.42	4.98	3.19	4.64
2.54 (100")	1.346	2.154	3.81	5.54	3.55	5.17
3.05 (120")	1.615	2.585	4.59	6.67	4.28	6.22
3.81 (150")	2.019	3.231	5.76	8.37	5.37	7.81
5.08 (200")	2.692	4.308	7.71	11.20	7.19	10.45
6.35 (250")	3.365	5.385	9.65	14.03	9.00	13.09
7.62 (300")	4.039	6.462	11.60	16.86	10.82	15.73
8.89 (350")	4.712	7.539	13.55	19.69	12.64	18.37
10.16 (400")	5.385	8.616	15.50	22.52	14.46	21.01
12.70 (500")	6.731	10.770	19.39	28.18	18.09	26.29
15.24 (600")	8.077	12.923	23.29	33.84	21.73	31.58
17.78 (700")	9.423	15.077	27.18	39.50	25.36	36.86
20.32 (800")	10.770	17.231	31.08	45.16	29.00	42.14
22.86 (900")	12.116	19.385	34.97	50.82	32.63	47.42
25.40 (1000")	13.462	21.539	38.86	56.48	36.27	52.70

Appendix / Annexe / 付録 (continued / suite / つづき)

(Unit / Unités / 単位 : m)

- When the screen aspect ratio is 16:9
- Lorsque le rapport d'aspect de l'écran est 16:9
- アスペクト比 16:9

SD	SH	SW	PT-RQ32K (2560 × 1440) Throw ratio / Rapport de projection / スローレシオ : [1.79 - 2.59:1]		PT-RZ31K / PT-RZ21K (1920 × 1080) Throw ratio / Rapport de projection / スローレシオ : [1.67 - 2.41:1]		PT-RS30K / PT-RS20K (1400 × 788) Throw ratio / Rapport de projection / スローレシオ : [1.81 - 2.61:1]	
			LW	LT	LW	LT	LW	LT
1.78 (70")	0.872	1.550	2.72	3.96	2.53	3.68	2.75	4.00
2.03 (80")	0.996	1.771	3.12	4.54	2.91	4.23	3.15	4.59
2.29 (90")	1.121	1.992	3.52	5.12	3.28	4.77	3.56	5.17
2.54 (100")	1.245	2.214	3.92	5.70	3.65	5.31	3.96	5.76
3.05 (120")	1.494	2.657	4.72	6.86	4.40	6.40	4.77	6.94
3.81 (150")	1.868	3.321	5.92	8.61	5.52	8.03	5.98	8.70
5.08 (200")	2.491	4.428	7.92	11.52	7.39	10.74	8.01	11.64
6.35 (250")	3.113	5.535	9.92	14.43	9.26	13.46	10.03	14.58
7.62 (300")	3.736	6.641	11.93	17.33	11.13	16.17	12.05	17.51
8.89 (350")	4.358	7.748	13.93	20.24	12.99	18.88	14.07	20.45
10.16 (400")	4.981	8.855	15.93	23.15	14.86	21.60	16.10	23.39
12.70 (500")	6.226	11.069	19.93	28.97	18.60	27.03	20.14	29.27
15.24 (600")	7.472	13.283	23.94	34.78	22.33	32.46	24.18	35.15
17.78 (700")	8.717	15.497	27.94	40.60	26.07	37.89	28.23	41.02
20.32 (800")	9.962	17.710	31.94	46.42	29.81	43.31	32.27	46.90
22.86 (900")	11.207	19.924	35.94	52.23	33.54	48.74	36.32	52.78
25.40 (1000")	12.453	22.138	39.95	58.05	37.28	54.17	40.36	58.65

(Unit / Unités / 単位 : m)

- When the screen aspect ratio is 4:3
- Lorsque le rapport d'aspect de l'écran est 4:3
- アスペクト比 4:3

SD	SH	SW	PT-RQ32K (2133 × 1600) Throw ratio / Rapport de projection / スローレシオ : [2.15 - 3.11:1]		PT-RZ31K / PT-RZ21K (1600 × 1200) Throw ratio / Rapport de projection / スローレシオ : [2.00 - 2.90:1]		PT-RS30K / PT-RS20K (SXGA+; 1400 × 1050) Throw ratio / Rapport de projection / スローレシオ : [1.80 - 2.61:1]	
			LW	LT	LW	LT	LW	LT
1.78 (70")	1.067	1.422	3.00	4.37	2.80	4.07	2.52	3.66
2.03 (80")	1.219	1.626	3.44	5.01	3.21	4.67	2.89	4.20
2.29 (90")	1.372	1.829	3.89	5.65	3.62	5.27	3.26	4.74
2.54 (100")	1.524	2.032	4.33	6.29	4.03	5.86	3.63	5.28
3.05 (120")	1.829	2.438	5.21	7.57	4.86	7.06	4.37	6.36
3.81 (150")	2.286	3.048	6.53	9.49	6.09	8.85	5.49	7.98
5.08 (200")	3.048	4.064	8.74	12.70	8.15	11.84	7.34	10.67
6.35 (250")	3.810	5.080	10.94	15.90	10.20	14.83	9.20	13.37
7.62 (300")	4.572	6.096	13.15	19.11	12.26	17.82	11.06	16.07
8.89 (350")	5.334	7.112	15.35	22.31	14.32	20.81	12.91	18.77
10.16 (400")	6.096	8.128	17.56	25.51	16.38	23.80	14.77	21.46
12.70 (500")	7.620	10.160	21.96	31.92	20.49	29.78	18.48	26.86
15.24 (600")	9.144	12.192	26.37	38.33	24.61	35.76	22.19	32.25
17.78 (700")	10.668	14.224	30.78	44.74	28.72	41.74	25.91	37.65
20.32 (800")	12.192	16.256	35.19	51.14	32.84	47.72	29.62	43.04
22.86 (900")	13.716	18.288	39.60	57.55	36.95	53.70	33.33	48.44
25.40 (1000")	15.240	20.320	44.01	63.96	41.07	59.68	37.05	53.83

Appendix / Annexe / 付録 (continued / suite / つづき)

■ ET-D3LET80

(Unit / Unités / 単位 : m)

- When the screen aspect ratio is 16:10
- Lorsque le rapport d'aspect de l'écran est 16:10
- アスペクト比 16:10

SD	SH	SW	PT-RQ32K (2560 × 1600) Throw ratio / Rapport de projection / スローレシオ : [7.87 - 14.8:1]		PT-RZ31K / PT-RZ21K (WUXGA; 1920 × 1200) Throw ratio / Rapport de projection / スローレシオ : [7.34 - 13.8:1]	
			LW	LT	LW	LT
1.78 (70")	0.942	1.508	11.65	22.20	10.85	20.69
2.03 (80")	1.077	1.723	13.37	25.42	12.45	23.70
2.29 (90")	1.212	1.939	15.09	28.64	14.06	26.71
2.54 (100")	1.346	2.154	16.81	31.86	15.66	29.71
3.05 (120")	1.615	2.585	20.25	38.31	18.88	35.73
3.81 (150")	2.019	3.231	25.41	47.97	23.69	44.75
5.08 (200")	2.692	4.308	34.01	64.08	31.72	59.79
6.35 (250")	3.365	5.385	42.61	80.19	39.74	74.82
7.62 (300")	4.039	6.462	51.21	96.31	47.77	89.86
8.89 (350")	4.712	7.539	59.81	112.42	55.79	104.90
10.16 (400")	5.385	8.616	68.40	128.53	63.82	119.94
12.70 (500")	6.731	10.770	85.60	160.75	79.87	150.01
15.24 (600")	8.077	12.923	102.80	192.97	95.92	180.08
17.78 (700")	9.423	15.077	120.00	-	111.97	-
20.32 (800")	10.770	17.231	137.19	-	128.02	-
22.86 (900")	12.116	19.385	154.39	-	144.07	-
25.40 (1000")	13.462	21.539	171.59	-	160.13	-

(Unit / Unités / 単位 : m)

- When the screen aspect ratio is 16:9
- Lorsque le rapport d'aspect de l'écran est 16:9
- アスペクト比 16:9

SD	SH	SW	PT-RQ32K (2560 × 1440) Throw ratio / Rapport de projection / スローレシオ : [7.87 - 14.8:1]		PT-RZ31K / PT-RZ21K (1920 × 1080) Throw ratio / Rapport de projection / スローレシオ : [7.34 - 13.8:1]		PT-RS30K / PT-RS20K (1400 × 788) Throw ratio / Rapport de projection / スローレシオ : [7.96 - 15.0:1]	
			LW	LT	LW	LT	LW	LT
1.78 (70")	0.872	1.550	11.99	22.82	11.16	21.28	12.12	23.06
2.03 (80")	0.996	1.771	13.75	26.13	12.81	24.37	13.90	26.41
2.29 (90")	1.121	1.992	15.52	29.45	14.46	27.46	15.69	29.76
2.54 (100")	1.245	2.214	17.29	32.76	16.11	30.55	17.47	33.10
3.05 (120")	1.494	2.657	20.82	39.38	19.41	36.73	21.04	39.79
3.81 (150")	1.868	3.321	26.13	49.32	24.36	46.00	26.40	49.83
5.08 (200")	2.491	4.428	34.97	65.88	32.61	61.46	35.33	66.56
6.35 (250")	3.113	5.535	43.80	82.43	40.86	76.91	44.26	83.29
7.62 (300")	3.736	6.641	52.64	98.99	49.11	92.37	53.19	100.02
8.89 (350")	4.358	7.748	61.48	115.55	57.35	107.82	62.12	116.75
10.16 (400")	4.981	8.855	70.32	132.11	65.60	123.28	71.05	133.49
12.70 (500")	6.226	11.069	87.99	165.23	82.10	154.19	88.91	166.95
15.24 (600")	7.472	13.283	105.67	198.35	98.60	185.10	106.77	200.41
17.78 (700")	8.717	15.497	123.34	-	115.10	-	124.63	-
20.32 (800")	9.962	17.710	141.02	-	131.59	-	142.49	-
22.86 (900")	11.207	19.924	158.70	-	148.09	-	160.35	-
25.40 (1000")	12.453	22.138	176.37	-	164.59	-	178.21	-

Appendix / Annexe / 付録 (continued / suite / つづき)

(Unit / Unités / 単位 : m)

- When the screen aspect ratio is 4:3
- Lorsque le rapport d'aspect de l'écran est 4:3
- アスペクト比 4:3

SD	SH	SW	PT-RQ32K (2133 × 1600) Throw ratio / Rapport de projection / スローレシオ : [9.46 - 17.8:1]		PT-RZ31K / PT-RZ21K (1600 × 1200) Throw ratio / Rapport de projection / スローレシオ : [8.82 - 16.6:1]		PT-RS30K / PT-RS20K (SXGA+; 1400 × 1050) Throw ratio / Rapport de projection / スローレシオ : [7.95 - 14.9:1]	
			LW	LT	LW	LT	LW	LT
1.78 (70")	1.067	1.422	13.24	25.18	12.33	23.47	11.09	21.14
2.03 (80")	1.219	1.626	15.19	28.83	14.15	26.88	12.73	24.21
2.29 (90")	1.372	1.829	17.14	32.47	15.97	30.28	14.37	27.29
2.54 (100")	1.524	2.032	19.08	36.12	17.78	33.69	16.01	30.36
3.05 (120")	1.829	2.438	22.98	43.42	21.42	40.50	19.29	36.50
3.81 (150")	2.286	3.048	28.82	54.36	26.87	50.71	24.21	45.72
5.08 (200")	3.048	4.064	38.56	72.60	35.96	67.73	32.40	61.08
6.35 (250")	3.810	5.080	48.29	90.84	45.04	84.75	40.60	76.44
7.62 (300")	4.572	6.096	58.03	109.08	54.13	101.78	48.80	91.79
8.89 (350")	5.334	7.112	67.76	127.32	63.21	118.80	57.00	107.15
10.16 (400")	6.096	8.128	77.50	145.57	72.30	135.82	65.19	122.51
12.70 (500")	7.620	10.160	96.97	182.05	90.47	169.87	81.59	153.23
15.24 (600")	9.144	12.192	116.44	218.53	108.64	203.91	97.98	183.95
17.78 (700")	10.668	14.224	135.91	-	126.81	-	114.38	-
20.32 (800")	12.192	16.256	155.38	-	144.98	-	130.77	-
22.86 (900")	13.716	18.288	174.85	-	163.15	-	147.17	-
25.40 (1000")	15.240	20.320	194.32	-	181.33	-	163.56	-

■ ET-D3LEW50

(Unit / Unités / 単位 : m)

- When the screen aspect ratio is 16:10
- Lorsque le rapport d'aspect de l'écran est 16:10
- アスペクト比 16:10

SD	SH	SW	PT-RQ32K / PT-RQ13K (2560 × 1600) Throw ratio / Rapport de projection / スローレシオ : [0.746:1]		PT-RZ31K / PT-RZ21K / PT-RZ12K / PT-DZ21K2 / PT-DZ13K / PT-DZ10K (WUXGA; 1920 × 1200) Throw ratio / Rapport de projection / スローレシオ : [0.694:1]	
			L	L		
1.78 (70")	0.942	1.508	1.09	1.01		
2.03 (80")	1.077	1.723	1.25	1.16		
2.29 (90")	1.212	1.939	1.42	1.32		
2.54 (100")	1.346	2.154	1.58	1.47		
3.05 (120")	1.615	2.585	1.91	1.78		
3.81 (150")	2.019	3.231	2.41	2.24		
5.08 (200")	2.692	4.308	3.23	3.01		
6.35 (250")	3.365	5.385	4.06	3.78		
7.62 (300")	4.039	6.462	4.89	4.56		
8.89 (350")	4.712	7.539	5.71	5.33		
10.16 (400")	5.385	8.616	6.54	6.10		
12.70 (500")	6.731	10.770	8.19	7.64		
15.24 (600")	8.077	12.923	9.84	9.18		
17.78 (700")	9.423	15.077	11.49	10.72		
20.32 (800")	10.770	17.231	13.15	12.27		
22.86 (900")	12.116	19.385	14.80	13.81		
25.40 (1000")	13.462	21.539	16.45	15.35		

Appendix / Annexe / 付録 (continued / suite / つづき)

(Unit / Unités / 単位 : m)

- When the screen aspect ratio is 16:9
- Lorsque le rapport d'aspect de l'écran est 16:9
- アスペクト比 16:9

SD	SH	SW	L	L	L
1.78 (70")	0.872	1.550	1.12	1.04	1.13
2.03 (80")	0.996	1.771	1.29	1.20	1.30
2.29 (90")	1.121	1.992	1.46	1.36	1.47
2.54 (100")	1.245	2.214	1.63	1.51	1.64
3.05 (120")	1.494	2.657	1.97	1.83	1.99
3.81 (150")	1.868	3.321	2.48	2.31	2.50
5.08 (200")	2.491	4.428	3.33	3.10	3.36
6.35 (250")	3.113	5.535	4.17	3.89	4.22
7.62 (300")	3.736	6.641	5.02	4.68	5.08
8.89 (350")	4.358	7.748	5.87	5.48	5.93
10.16 (400")	4.981	8.855	6.72	6.27	6.79
12.70 (500")	6.226	11.069	8.42	7.85	8.51
15.24 (600")	7.472	13.283	10.12	9.44	10.22
17.78 (700")	8.717	15.497	11.82	11.02	11.94
20.32 (800")	9.962	17.710	13.51	12.61	13.66
22.86 (900")	11.207	19.924	15.21	14.19	15.37
25.40 (1000")	12.453	22.138	16.91	15.78	17.09

SD	SH	SW	L	L
1.78 (70")	0.872	1.550	1.16	1.04
2.03 (80")	0.996	1.771	1.34	1.20
2.29 (90")	1.121	1.992	1.51	1.36
2.54 (100")	1.245	2.214	1.69	1.51
3.05 (120")	1.494	2.657	2.04	1.83
3.81 (150")	1.868	3.321	2.57	2.31
5.08 (200")	2.491	4.428	3.45	3.10
6.35 (250")	3.113	5.535	4.33	3.89
7.62 (300")	3.736	6.641	5.21	4.68
8.89 (350")	4.358	7.748	6.09	5.48
10.16 (400")	4.981	8.855	6.96	6.27
12.70 (500")	6.226	11.069	8.72	7.85
15.24 (600")	7.472	13.283	10.48	9.44
17.78 (700")	8.717	15.497	12.24	11.02
20.32 (800")	9.962	17.710	14.00	12.61
22.86 (900")	11.207	19.924	15.76	14.19
25.40 (1000")	12.453	22.138	17.52	15.78

SD	SH	SW	L	L
1.78 (70")	0.872	1.550	1.16	1.04
2.03 (80")	0.996	1.771	1.34	1.20
2.29 (90")	1.121	1.992	1.51	1.36
2.54 (100")	1.245	2.214	1.69	1.51
3.05 (120")	1.494	2.657	2.04	1.83
3.81 (150")	1.868	3.321	2.57	2.31
5.08 (200")	2.491	4.428	3.45	3.10
6.35 (250")	3.113	5.535	4.33	3.89
7.62 (300")	3.736	6.641	5.21	4.68
8.89 (350")	4.358	7.748	6.09	5.48
10.16 (400")	4.981	8.855	6.96	6.27
12.70 (500")	6.226	11.069	8.72	7.85
15.24 (600")	7.472	13.283	10.48	9.44
17.78 (700")	8.717	15.497	12.24	11.02
20.32 (800")	9.962	17.710	14.00	12.61
22.86 (900")	11.207	19.924	15.76	14.19
25.40 (1000")	12.453	22.138	17.52	15.78

Appendix / Annexe / 付録 (continued / suite / つづき)

(Unit / Unités / 単位 : m)

- When the screen aspect ratio is 4:3
- Lorsque le rapport d'aspect de l'écran est 4:3
- アスペクト比 4:3

PT-RQ32K / PT-RQ13K (2133 × 1600) Throw ratio / Rapport de projection / スローレシオ : [0.898:1]	PT-RZ31K / PT-RZ21K / PT-RZ12K / PT-DZ21K2 / PT-DZ13K / PT-DZ10K (1600 × 1200) Throw ratio / Rapport de projection / スローレシオ : [0.836:1]	PT-RS30K / PT-RS20K / PT-RS11K / PT-DS20K2 / PT-DS12K (SXGA+; 1400 × 1050) Throw ratio / Rapport de projection / スローレシオ : [0.752:1]
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SD	SH	SW	L	L	L
1.78 (70°)	1.067	1.422	1.24	1.15	1.03
2.03 (80°)	1.219	1.626	1.43	1.33	1.19
2.29 (90°)	1.372	1.829	1.61	1.50	1.35
2.54 (100°)	1.524	2.032	1.80	1.67	1.50
3.05 (120°)	1.829	2.438	2.17	2.02	1.82
3.81 (150°)	2.286	3.048	2.73	2.55	2.29
5.08 (200°)	3.048	4.064	3.67	3.42	3.08
6.35 (250°)	3.810	5.080	4.61	4.29	3.87
7.62 (300°)	4.572	6.096	5.54	5.17	4.65
8.89 (350°)	5.334	7.112	6.48	6.04	5.44
10.16 (400°)	6.096	8.128	7.41	6.91	6.23
12.70 (500°)	7.620	10.160	9.28	8.66	7.80
15.24 (600°)	9.144	12.192	11.15	10.40	9.38
17.78 (700°)	10.668	14.224	13.02	12.15	10.96
20.32 (800°)	12.192	16.256	14.89	13.90	12.53
22.86 (900°)	13.716	18.288	16.77	15.64	14.11
25.40 (1000°)	15.240	20.320	18.64	17.39	15.68

PT-DW17K2 / PT-DW11K (1024 × 768) Throw ratio / Rapport de projection / スローレシオ : [1.04 : 1]	PT-DZ16K2 (1440 × 1080) Throw ratio / Rapport de projection / スローレシオ : [0.932 : 1]
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SD	SH	SW	L	L
1.78 (70°)	1.067	1.422	1.44	1.29
2.03 (80°)	1.219	1.626	1.65	1.48
2.29 (90°)	1.372	1.829	1.87	1.67
2.54 (100°)	1.524	2.032	2.08	1.87
3.05 (120°)	1.829	2.438	2.51	2.26
3.81 (150°)	2.286	3.048	3.16	2.84
5.08 (200°)	3.048	4.064	4.24	3.81
6.35 (250°)	3.810	5.080	5.31	4.78
7.62 (300°)	4.572	6.096	6.39	5.75
8.89 (350°)	5.334	7.112	7.47	6.72
10.16 (400°)	6.096	8.128	8.54	7.69
12.70 (500°)	7.620	10.160	10.70	9.63
15.24 (600°)	9.144	12.192	12.85	11.57
17.78 (700°)	10.668	14.224	15.00	13.51
20.32 (800°)	12.192	16.256	17.16	15.45
22.86 (900°)	13.716	18.288	19.31	17.39
25.40 (1000°)	15.240	20.320	21.46	19.33

Note

- A $\pm 5\%$ error in listed projection distances may occur.
In addition, when [KEYSTONE] is used, distance is corrected to become smaller than the specified screen size.
- The throw ratio is based on the value during projection with the projected image size of 3.81 m (150").

Remarque

- Une erreur de $\pm 5\%$ dans des distances de projection énumérées peut se produire.
En outre, lorsque [CORRECTION DE TRAPÈZE] est utilisé, la distance est corrigée pour devenir inférieure à la taille d'écran spécifiée.
- Le rapport de projection est basé sur la valeur en cours de projection avec une taille de l'image projetée de 3,81 m (150").

お知らせ

- 記載の投写距離は $\pm 5\%$ 以下の範囲内で誤差が発生します。
また、[台形補正] 使用時は、所定の画面サイズよりも小さくなる方向で補正されます。
- スローレシオは、投写画面サイズ 150 型投写時の値を基準にしています。

Setting-up dimensions which are not given in the above table can be calculated using the formulas below. Check the projected image size SD (m) and use the following formula to determine projection distance (L).

La configuration des dimensions qui ne sont pas données dans le tableau ci-dessus peut être calculée à l'aide des formules suivantes. Vérifiez la taille de l'image projetée SD (m) et utilisez la formule suivante pour déterminer la distance de projection (L).

上記の表以外の投写寸法は次の計算式で求めることができます。画面対角サイズ SD (m) をご確認のうえ、それぞれの計算式で投写距離 (L) を求めてください。

Appendix / Annexe / 付録 (continued / suite / つづき)

- Projection distance formulas
- Formules de distance de projection
- 投写距離計算式

The dimensions of the following table contain a slight error.

Periods are used to represent decimal points in the calculation formulas in the following table.

Les dimensions du tableau suivant peuvent présenter un léger écart.

Les points sont utilisés pour indiquer les décimales dans les formules de calcul dans le tableau suivant.

次の表内の寸法は若干の誤差があります。

● ET-D3LEW60

(Unit / Unités / 単位 : m)

		L	
		LW	LT
PT-RQ32K	When the screen aspect ratio is 16:10 (2560 × 1600) Lorsque le rapport d'aspect de l'écran est 16:10 (2560 × 1600) アスペクト比 16:10 (2560 × 1600) のとき	=0.8549 × SD-0.0566	=1.0242 × SD-0.0736
	When the screen aspect ratio is 16:9 (2560 × 1440) Lorsque le rapport d'aspect de l'écran est 16:9 (2560 × 1440) アスペクト比 16:9 (2560 × 1440) のとき	=0.8786 × SD-0.0566	=1.0527 × SD-0.0736
	When the screen aspect ratio is 4:3 (2133 × 1600) Lorsque le rapport d'aspect de l'écran est 4:3 (2133 × 1600) アスペクト比 4:3 (2133 × 1600) のとき	=0.9679 × SD-0.0566	=1.1596 × SD-0.0736
PT-RZ31K / PT-RZ21K	When the screen aspect ratio is 16:10 (WUXGA; 1920 × 1200) Lorsque le rapport d'aspect de l'écran est 16:10 (WUXGA; 1920 × 1200) アスペクト比 16:10 (WUXGA; 1920 × 1200) のとき	=0.7979 × SD-0.0566	=0.9559 × SD-0.0736
	When the screen aspect ratio is 16:9 (1920 × 1080) Lorsque le rapport d'aspect de l'écran est 16:9 (1920 × 1080) アスペクト比 16:9 (1920 × 1080) のとき	=0.8201 × SD-0.0566	=0.9825 × SD-0.0736
	When the screen aspect ratio is 4:3 (1600 × 1200) Lorsque le rapport d'aspect de l'écran est 4:3 (1600 × 1200) アスペクト比 4:3 (1600 × 1200) のとき	=0.9032 × SD-0.0566	=1.0822 × SD-0.0736
PT-RS30K / PT-RS20K	When the screen aspect ratio is 16:9 (1400 × 788) Lorsque le rapport d'aspect de l'écran est 16:9 (1400 × 788) アスペクト比 16:9 (1400 × 788) のとき	=0.8877 × SD-0.0566	=1.0636 × SD-0.0736
	When the screen aspect ratio is 4:3 (SXGA+; 1400 × 1050) Lorsque le rapport d'aspect de l'écran est 4:3 (SXGA+; 1400 × 1050) アスペクト比 4:3 (SXGA+; 1400 × 1050) のとき	=0.8150 × SD-0.0566	=0.9764 × SD-0.0736

Appendix / Annexe / 付録 (continued / suite / つづき)

● ET-D3LES20

(Unit / Unités / 単位 : m)

		L	
		LW	LT
PT-RQ32K	When the screen aspect ratio is 16:10 (2560 × 1600) Lorsque le rapport d'aspect de l'écran est 16:10 (2560 × 1600) アスペクト比 16:10 (2560 × 1600) のとき	=1.5334 × SD-0.0832	=2.2280 × SD-0.1162
	When the screen aspect ratio is 16:9 (2560 × 1440) Lorsque le rapport d'aspect de l'écran est 16:9 (2560 × 1440) アスペクト比 16:9 (2560 × 1440) のとき	=1.5760 × SD-0.0832	=2.2900 × SD-0.1162
	When the screen aspect ratio is 4:3 (2133 × 1600) Lorsque le rapport d'aspect de l'écran est 4:3 (2133 × 1600) アスペクト比 4:3 (2133 × 1600) のとき	=1.7361 × SD-0.0832	=2.5226 × SD-0.1162
PT-RZ31K / PT-RZ21K	When the screen aspect ratio is 16:10 (WUXGA; 1920 × 1200) Lorsque le rapport d'aspect de l'écran est 16:10 (WUXGA; 1920 × 1200) アスペクト比 16:10 (WUXGA; 1920 × 1200) のとき	=1.4312 × SD-0.0832	=2.0795 × SD-0.1162
	When the screen aspect ratio is 16:9 (1920 × 1080) Lorsque le rapport d'aspect de l'écran est 16:9 (1920 × 1080) アスペクト比 16:9 (1920 × 1080) のとき	=1.4709 × SD-0.0832	=2.1373 × SD-0.1162
	When the screen aspect ratio is 4:3 (1600 × 1200) Lorsque le rapport d'aspect de l'écran est 4:3 (1600 × 1200) アスペクト比 4:3 (1600 × 1200) のとき	=1.6202 × SD-0.0832	=2.3542 × SD-0.1162
PT-RS30K / PT-RS20K	When the screen aspect ratio is 16:9 (1400 × 788) Lorsque le rapport d'aspect de l'écran est 16:9 (1400 × 788) アスペクト比 16:9 (1400 × 788) のとき	=1.5924 × SD-0.0832	=2.3137 × SD-0.1162
	When the screen aspect ratio is 4:3 (SXGA+; 1400 × 1050) Lorsque le rapport d'aspect de l'écran est 4:3 (SXGA+; 1400 × 1050) アスペクト比 4:3 (SXGA+; 1400 × 1050) のとき	=1.4618 × SD-0.0832	=2.1241 × SD-0.1162

Appendix / Annexe / 付録 (continued / suite / つづき)

● ET-D3LET80

(Unit / Unités / 単位 : m)

		L	
		LW	LT*
PT-RQ32K	When the screen aspect ratio is 16:10 (2560 × 1600) Lorsque le rapport d'aspect de l'écran est 16:10 (2560 × 1600) アスペクト比 16:10 (2560 × 1600) のとき	=6.7707 × SD-0.3862	=12.6858 × SD-0.3598
	When the screen aspect ratio is 16:9 (2560 × 1440) Lorsque le rapport d'aspect de l'écran est 16:9 (2560 × 1440) アスペクト比 16:9 (2560 × 1440) のとき	=6.9590 × SD-0.3862	=13.0385 × SD-0.3598
	When the screen aspect ratio is 4:3 (2133 × 1600) Lorsque le rapport d'aspect de l'écran est 4:3 (2133 × 1600) アスペクト比 4:3 (2133 × 1600) のとき	=7.6658 × SD-0.3862	=14.3627 × SD-0.3598
PT-RZ31K / PT-RZ21K	When the screen aspect ratio is 16:10 (WUXGA; 1920 × 1200) Lorsque le rapport d'aspect de l'écran est 16:10 (WUXGA; 1920 × 1200) アスペクト比 16:10 (WUXGA; 1920 × 1200) のとき	=6.3193 × SD-0.3862	=11.8400 × SD-0.3598
	When the screen aspect ratio is 16:9 (1920 × 1080) Lorsque le rapport d'aspect de l'écran est 16:9 (1920 × 1080) アスペクト比 16:9 (1920 × 1080) のとき	=6.4950 × SD-0.3862	=12.1692 × SD-0.3598
	When the screen aspect ratio is 4:3 (1600 × 1200) Lorsque le rapport d'aspect de l'écran est 4:3 (1600 × 1200) アスペクト比 4:3 (1600 × 1200) のとき	=7.1540 × SD-0.1577	=13.4039 × SD-0.1615
PT-RS30K / PT-RS20K	When the screen aspect ratio is 16:9 (1400 × 788) Lorsque le rapport d'aspect de l'écran est 16:9 (1400 × 788) アスペクト比 16:9 (1400 × 788) のとき	=7.0312 × SD-0.3862	=13.1737 × SD-0.3598
	When the screen aspect ratio is 4:3 (SXGA+; 1400 × 1050) Lorsque le rapport d'aspect de l'écran est 4:3 (SXGA+; 1400 × 1050) アスペクト比 4:3 (SXGA+; 1400 × 1050) のとき	=6.4547 × SD-0.3862	=12.0937 × SD-0.3598

* The supported screen size range for the telephoto end (maximum throw ratio) of the ET-D3LET80 is 1.78 m (70") to 15.24 m (600").

* La plage de tailles d'écran prise en charge pour le téléobjectif (rapport de projection maximal) de l'ET-D3LET80 est comprise entre 1,78 m (70") et 15,24 m (600").

* ET-D3LET80 のスローレシオが最大となる Tele 端の対応スクリーンサイズは 70 ～ 600 型です。

Appendix / Annexe / 付録 (continued / suite / つづき)

● ET-D3LEW50

(Unit / Unités / 単位 : m)

		L
PT-RQ32K / PT-RQ13K	When the screen aspect ratio is 16:10 (2560 × 1600) Lorsque le rapport d'aspect de l'écran est 16:10 (2560 × 1600) アスペクト比 16:10 (2560 × 1600) のとき	=0.6505 × SD-0.0713
	When the screen aspect ratio is 16:9 (2560 × 1440) Lorsque le rapport d'aspect de l'écran est 16:9 (2560 × 1440) アスペクト比 16:9 (2560 × 1440) のとき	=0.6686 × SD-0.0713
	When the screen aspect ratio is 4:3 (2133 × 1600) Lorsque le rapport d'aspect de l'écran est 4:3 (2133 × 1600) アスペクト比 4:3 (2133 × 1600) のとき	=0.7365 × SD-0.0713
PT-RZ31K / PT-RZ21K / PT-RZ12K / PT-DZ21K2 / PT-DZ13K / PT-DZ10K	When the screen aspect ratio is 16:10 (WUXGA; 1920 × 1200) Lorsque le rapport d'aspect de l'écran est 16:10 (WUXGA; 1920 × 1200) アスペクト比 16:10 (WUXGA; 1920 × 1200) のとき	=0.6072 × SD-0.0713
	When the screen aspect ratio is 16:9 (1920 × 1080) Lorsque le rapport d'aspect de l'écran est 16:9 (1920 × 1080) アスペクト比 16:9 (1920 × 1080) のとき	=0.6240 × SD-0.0713
	When the screen aspect ratio is 4:3 (1600 × 1200) Lorsque le rapport d'aspect de l'écran est 4:3 (1600 × 1200) アスペクト比 4:3 (1600 × 1200) のとき	=0.6873 × SD-0.0713
PT-RS30K / PT-RS20K / PT-RS11K / PT-DS20K2 / PT-DS12K	When the screen aspect ratio is 16:9 (1400 × 788) Lorsque le rapport d'aspect de l'écran est 16:9 (1400 × 788) アスペクト比 16:9 (1400 × 788) のとき	=0.6755 × SD-0.0713
	When the screen aspect ratio is 4:3 (SXGA+; 1400 × 1050) Lorsque le rapport d'aspect de l'écran est 4:3 (SXGA+; 1400 × 1050) アスペクト比 4:3 (SXGA+; 1400 × 1050) のとき	=0.6202 × SD-0.0713
PT-DW17K2 / PT-DW11K	When the screen aspect ratio is 16:9 (WXGA; 1366 × 768) Lorsque le rapport d'aspect de l'écran est 16:9 (WXGA; 1366 × 768) アスペクト比 16:9 (WXGA; 1366 × 768) のとき	=0.6925 × SD-0.0713
	When the screen aspect ratio is 4:3 (1024 × 768) Lorsque le rapport d'aspect de l'écran est 4:3 (1024 × 768) アスペクト比 4:3 (1024 × 768) のとき	=0.8479 × SD-0.0713
	When the screen aspect ratio is 16:9 (1920 × 1080) Lorsque le rapport d'aspect de l'écran est 16:9 (1920 × 1080) アスペクト比 16:9 (1920 × 1080) のとき	=0.6240 × SD-0.0713
PT-DZ16K2	When the screen aspect ratio is 4:3 (1440 × 1080) Lorsque le rapport d'aspect de l'écran est 4:3 (1440 × 1080) アスペクト比 4:3 (1440 × 1080) のとき	=0.7637 × SD-0.0713

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