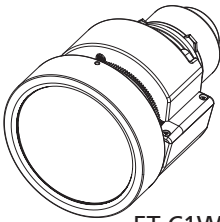


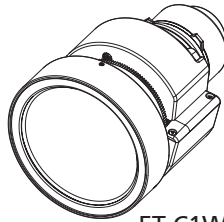
## Operating Instructions

Zoom Lens **Commercial Use**

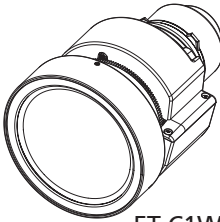
Model No. ET-C1W300  
ET-C1W400  
ET-C1W500  
ET-C1S600  
ET-C1T700



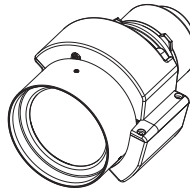
ET-C1W300



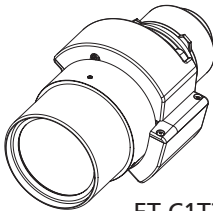
ET-C1W400



ET-C1W500



ET-C1S600



ET-C1T700

ENGLISH

FRANÇAIS

日本語

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 to 5).**
- Please save this manual for future use.

# Contents

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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.

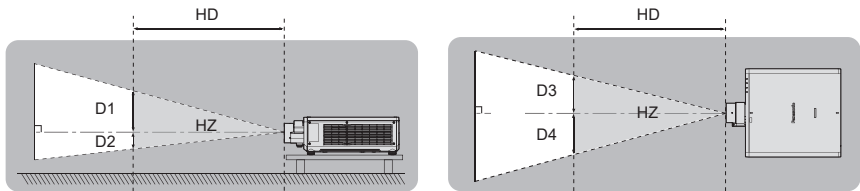
- If the desiccant gets into your eyes or mouth, immediately rinse with plenty of water and seek medical attention.
- Keep desiccant out of the reach of children.

## Read this first! (continued)

### ■ Hazard distance (IEC/EN 62471-5:2015)

The distance from the projection lens surface, at which the emission reaches the Accessible Emission Limit (AEL) of risk group 2, is known as the hazard distance (HD) or safety distance. The area where the emission exceeds the Accessible Emission Limit of risk group 2 is called the hazard zone (HZ).

Within the hazard zone, never look into the light projected from the projector. The eyes may be damaged by direct irradiation even if you look at the light just for a moment. If you are outside the hazard zone, it is considered to be safe in all circumstances except deliberately staring into the light projected from the projector.



### ■ Risk group

The combination of the projector and the projection lens is categorized as risk group 2 when the hazard distance is 1 m (39-3/8") or less. It is categorized as risk group 3 when the hazard distance exceeds 1 m (39-3/8"), and it will be for professional use instead of consumer use.

In the case of risk group 3, there is a possibility of damaging the eyes by direct irradiation when looking into the projection light from inside the hazard zone even for a moment.

In the case of risk group 2, safe use without damaging the eyes is possible in all circumstances except deliberately staring into the light projected from the projector.

The combination of projector and projection lens classified as risk group 3 with a hazard distance greater than 1 m (39-3/8") is as follows.

Projector model	Projector lens model	Risk group
PT-REQ12 / PT-REQ10 / PT-REQ80	ET-C1T700	Risk group 3

## Read this first! (continued)

Furthermore, each dimension to indicate the hazard area (Hz) for a combination with a projection lens that has a hazard distance exceeding 1 m (39-3/8") is as follows.

(Unit: m)

Projector model	Projector lens model	HD*1	D1*2	D2*2	D3*2	D4*2
PT-REQ12	ET-C1T700	2.4	0.481	0.481	0.553	0.553
PT-REQ10 / PT-REQ80	ET-C1T700	1.7	0.347	0.347	0.399	0.399

\*1 HD: Hazard distance

\*2 The values of D1 to D4 will change in accordance with the lens shift amount. Each value in the table is the maximum value.

### Note

- The values in the table are based on IEC/EN 62471-5:2015.
- The projectors compatible with each projection lens may be added or changed without notice. For the latest information, refer to the following website.  
<https://panasonic.net/cns/projector/>

### Attention

- If the light projected from the projector directly enters the eyes while you are inside the hazard zone, the retinas may be damaged. Do not enter the hazard zone during use. Alternatively, install the projector in a location where the projected light will not directly enter the eyes.

# Before Use

## ■ Supported projectors

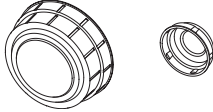
PT-REQ12 / PT-REQ10 / PT-REQ80

### Note

- This manual omits the alphabets at the end of projector model numbers.
- Models other than the above may also be supported. Refer to the operating instructions for your projector or the following website.  
<https://panasonic.net/cns/projector/>

## ■ Supplied Accessories

Make sure that the following has been provided.

Part name	Appearance (quantity)
Lens cover	 <ul style="list-style-type: none"><li>● The product is delivered with lens covers attached.</li><li>● The shape and size of the lens covers are different for each product.</li></ul> <p style="text-align: right;">1 each for front and rear</p>

# Preparation

## 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 electric contact points 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 turn the gear (ring) part of the projection lens barrel by hand. Doing so may damage the motor.
- 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 may become damaged by hitting with a hard object or by wiping the front surface of the lens with excessive force. Handle with care.
- 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 / Detaching the Lens

For details on attaching or removing the projection lens, refer to the operating instructions for the projector.

## Peripheral focus adjustment function

When you change the size of the projected image, the focal balance between the center and peripheral areas of the screen may shift.

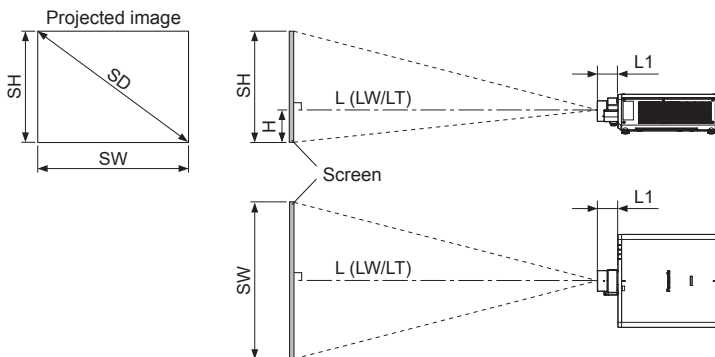
The ET-C1W300 / ET-C1W400 / ET-C1W500 is equipped with a peripheral focus adjustment function to correct the shift in focal balance between the center and peripheral areas of the screen.

For instructions on adjusting the peripheral focus, refer to “Projecting” in the operating instructions for the projector.

# 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	Projection distance	H	Distance from the lens center to the lower edge of the projected image	
	LW	Minimum distance	SH	Projected image height
	LT	Maximum distance	SW	Projected image width
L1	Lens protrusion dimension	SD	Projected image size	

### Dimension for L1 (approximate values)

(Unit: m)

Projector model	ET-C1W300	ET-C1W400	ET-C1W500	ET-C1S600	ET-C1T700
PT-REQ12 / PT-REQ10 / PT-REQ80	0.155	0.149	0.144	0.110	0.160

### 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 from walls and objects. For details about the required distance from surrounding walls and objects, refer to the operating instructions for your projector.  
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.

#### Note

- For details on “Projected image size and Projection distance” for projector models other than PT-REQ12 / PT-REQ10 / PT-REQ80, refer to “Setting up” in the operating instructions of the projector.

## Lens shift ranges

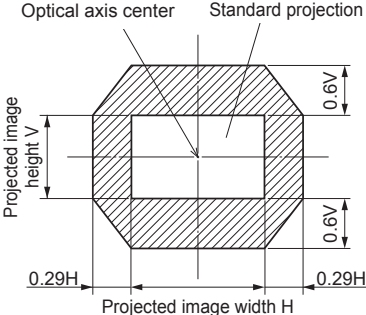
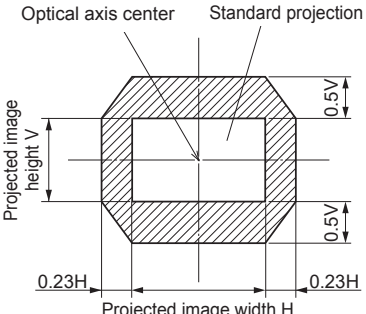
Perform the lens position shift within the adjustment range.

Perform lens shift adjustment within the ranges shown in the following illustrations.

The focus may change when the lens position is shifted out of the adjustment range.

This is because the movement of the lens is restricted to protect the optical parts.

Projection position can be adjusted with the optical axis shift based on the home position in the respective range.

ET-C1W400 / ET-C1W500 / ET-C1S600 / ET-C1T700	 <p>Optical axis center      Standard projection position</p> <p>Projected image height V</p> <p>0.29H      0.29H</p> <p>Projected image width H</p> <p>0.6V      0.6V</p>
ET-C1W300	 <p>Optical axis center      Standard projection position</p> <p>Projected image height V</p> <p>0.23H      0.23H</p> <p>Projected image width H</p> <p>0.5V      0.5V</p>

#### Note

- The home position of the projector is 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.

# Specifications

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

Model No.		ET-C1W300	ET-C1W400	ET-C1W500
F value		1.94 - 2.28	1.94 - 2.39	1.84 - 2.34
Focal Length (f)		9.9 mm (3/6") - 12.3 mm (15/32")	12.1 mm (15/32") - 16.9 mm (21/32")	16.7 mm (21/32") - 24.6 mm (31/32")
Dimensions	Width	154 mm (6-1/16")	154 mm (6-1/16")	154 mm (6-1/16")
	Height	155 mm (6-3/32")	155 mm (6-3/32")	155 mm (6-3/32")
	Depth	245 mm (9-21/32")	239 mm (9-13/32")	234 mm (9-7/32")
Net Weight		2.6 kg (5.73 lb)	2.4 kg (5.29 lb)	2.4 kg (5.29 lb)

Model No.		ET-C1S600	ET-C1T700
F value		1.84 - 2.31	1.94 - 2.38
Focal Length (f)		23.9 mm (30/32") - 37.2 mm (1-15/32")	36.1 mm (1-13/32") - 59.6 mm (2-11/32")
Dimensions	Width	135 mm (5-5/16")	135 mm (5-5/16")
	Height	148 mm (5-13/16")	148 mm (5-13/16")
	Depth	205 mm (8-1/16")	253 mm (9-31/32")
Net Weight		1.7 kg (3.75 lb)	2.4 kg (5.29 lb)

# Dimensions

(Unit: mm)

Model number	Dimensions
ET-C1W300	<p>The technical drawing shows two views of the ET-C1W300 camera. The top view is a front view showing the lens, viewfinder, and various controls. The bottom view is a side view showing the camera's profile. Dimensions are provided in both millimeters and inches.</p> <p>Dimensions shown in the drawing:</p> <ul style="list-style-type: none"><li>Front view diameter: <math>\phi 154</math> (6-1/16")</li><li>Front view total length: 245 (9-21/32")</li><li>Front view lens to viewfinder distance: 76 (3")</li><li>Front view lens diameter: 59 (2-5/16")</li><li>Side view total height: 155 (6-3/32")</li><li>Side view lens to viewfinder distance: 78 (3-2/32")</li></ul>

# Dimensions (continued)

(Unit: mm)

Model number	Dimensions
ET-C1W400	<p>Technical drawing of the ET-C1W400 camera showing two views with dimensions:</p> <ul style="list-style-type: none"> <li>Top view: Diameter <math>\phi 154</math> (6-1/16"), Total length 239 (9-13/32")</li> <li>Bottom view: Diameter 155 (6-3/32"), Total length 78 (3-2/32")</li> </ul>

# Dimensions (continued)

(Unit: mm)

Model number	Dimensions
ET-C1W500	<p>The table contains two technical drawings of the ET-C1W500 device. The top drawing is a front view showing a cylindrical lens assembly on the left and a rectangular body on the right. Dimensions include a diameter of <math>\phi 154</math> (6-1/16") for the lens, a total length of 234 (9-7/32") from the lens center to the right edge, and a height of 76 (3") from the bottom edge to the lens center. The bottom drawing is a side view showing the lens assembly on the left and the rectangular body on the right. Dimensions include a height of 155 (6-3/32") from the bottom edge to the lens center and a height of 78 (3-2/32") from the bottom edge to the top of the rectangular body.</p>

# Dimensions (continued)

(Unit: mm)

Model number	Dimensions
ET-C1S600	<p>The technical drawing shows two views of the ET-C1S600 camera. The top view is a front view showing a cylindrical lens assembly on the right and a rectangular housing on the left. Dimensions include a diameter of <math>\phi 110</math> (4-11/32") for the lens barrel, a total length of 205 (8-1/16") from the front of the lens to the back of the housing, and a distance of 76 (3") from the front of the lens to the front of the housing. A smaller distance of 59 (2-5/16") is shown from the front of the lens to the front of the lens barrel. The bottom view is a side view showing the camera's profile. Dimensions include a total height of 148 (5-13/16") and a distance of 78 (3-2/32") from the bottom of the camera to the front of the lens barrel.</p>

# Dimensions (continued)

(Unit: mm)

Model number	Dimensions
ET-C1T700	<p>The technical drawing shows two views of the ET-C1T700 camera. The top view shows a front profile with a diameter of <math>\phi 110</math> (4-11/32") and a total length of 253 (9-31/32"). The bottom view shows a top profile with a height of 148 (5-13/16") and a width of 78 (3-2/32").</p> <p>Dimensions shown in the drawing:</p> <ul style="list-style-type: none"><li>Front view diameter: <math>\phi 110</math> (4-11/32")</li><li>Front view total length: 253 (9-31/32")</li><li>Front view distance from lens to mounting flange: 59 (2-5/16")</li><li>Front view distance from lens to mounting base: 76 (3")</li><li>Top view height: 148 (5-13/16")</li><li>Top view width: 78 (3-2/32")</li></ul>

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## Slovenščina

**Proizvajala:**

Panasonic Connect Co., Ltd.  
4-1-62 Minoshima, Hakata-ku, Fukuoka 812-8531,  
Japonska

**Uvoznik:**

Panasonic Connect Europe GmbH  
Hagenauer Strasse 43, 65203 Wiesbaden, Nemčija

**Pooblaščen zastopnik v EU:**

Panasonic Connect Europe GmbH  
Panasonic Testing Centre  
Winsbergring 15, 22525 Hamburg, Nemčija

## Português

**Fabricado por:**

Panasonic Connect Co., Ltd.  
4-1-62 Minoshima, Hakata-ku, Fukuoka 812-8531,  
Japão

**Importador:**

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Hagenauer Strasse 43, 65203 Wiesbaden, Alemanha

**Representante Autorizado na UE:**

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Winsbergring 15, 22525 Hamburg, Alemanha

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Japani

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## Svenska

**Tillverkad av:**

Panasonic Connect Co., Ltd.  
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**Importör:**

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Hagenauer Strasse 43, 65203 Wiesbaden, Tyskland

**Auktoriserad representant i EU:**

Panasonic Connect Europe GmbH  
Panasonic Testing Centre  
Winsbergring 15, 22525 Hamburg, Tyskland

### Disposal of Old Equipment

#### Only for European Union and countries with recycling systems



This symbol on the products, packaging, and/or accompanying documents means that used electrical and electronic products must not be mixed with general household waste. For proper treatment, recovery and recycling of old products, please take them to applicable collection points in accordance with your national legislation.

By disposing of them correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment.

For more information about collection and recycling, please contact your local authority. Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

### Product Information (for Turkey only)

AEEE Yönetmeliğine Uygundur.

### Environment care information for users in China



This symbol is only valid in China.

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# Panasonic Connect Co., Ltd.

Web Site : <https://panasonic.net/cns/projector/>

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## Panasonic Connect North America

Two Riverfront Plaza, Newark, NJ 07102

TEL: (877) 803 - 8492

## Panasonic Canada Inc.

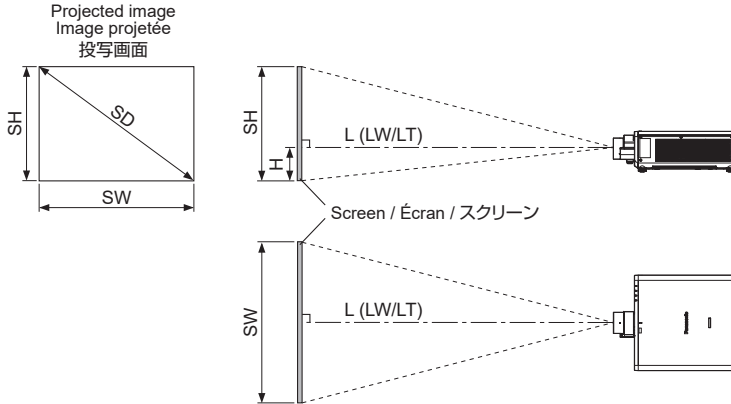
5770 Ambler Drive, Mississauga, Ontario L4W 2T3

TEL: (905) 624 - 5010

# Appendix / Annexe / 付録

- Dimensional relationship
- Relations dimensionnelles
- 投写関係寸法

The dimensional relationship between the screen and the projector is shown below.  
 Les relations dimensionnelles entre l'écran et le projecteur sont indiquées ci-dessous.  
 スクリーンとプロジェクター間の投写関係寸法は下記のとおりです。



L		Projection distance / Distance de projection / 投写距離
	LW	Minimum distance / Distance minimale / 最短投写距離
	LT	Maximum distance / Distance maximale / 最長投写距離
H		Distance from the lens center to the lower edge of the projected image Distance du centre de l'objectif au bord inférieur de l'image projetée レンズセンター～スクリーン下端
SH		Projected image height / Hauteur de l'image projetée / 投写画面高さ
SW		Projected image width / Largeur de l'image projetée / 投写画面幅
SD		Projected image size / Taille de l'image projetée / 投写画面対角

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

- Projected image size and Projection distance
- Taille de l'image projetée et distance de projection
- 投写画面サイズと投写距離

### Note

- When using projector models other than the following, refer to "Setting up" in the operating instructions of the projector. In addition, be sure to check the diagonal screen size SD (m), and use the "Projection distance formulas" (👁 Appendix page 10) to determine the projection distance (L).

PT-REQ12 / PT-REQ10 / PT-REQ80

### Remarque

- Lorsque vous utilisez des modèles de projecteur différents des modèles suivants, consultez "Installation" dans le mode d'emploi du projecteur. De plus, assurez-vous de vérifier la taille de l'écran en diagonale SD (m) et d'utiliser la "Formules de distance de projection" (👁 Annexe page 10) pour déterminer la distance de projection (L).

PT-REQ12 / PT-REQ10 / PT-REQ80

### お知らせ

- 下記以外のプロジェクターをご使用の場合は、プロジェクターの取扱説明書「設置する」をご覧ください。または、画面対角サイズ SD (m) をご確認のうえ、「投写距離計算式」(👁 付録 10 ページ) で投写距離 (L) を求めてください。

PT-REQ12 / PT-REQ10 / PT-REQ80

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。

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

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

(Unit / Unités / 単位 : m)

Lens model / Modèle d'objectif / 投写レンズ品番			ET-C1S600			ET-C1W300		
Throw ratio / Rapport de projection / スローレシオ			1.36 - 2.10:1			0.550 - 0.690:1		
SD	SH	SW	LW	LT	H	LW	LT	H
1.78 (70")	0.942	1.508	2.03	3.15	-0.09 - 1.04	0.82	1.03	0.00 - 0.94
2.03 (80")	1.077	1.723	2.33	3.61	-0.11 - 1.19	0.94	1.18	0.00 - 1.08
2.29 (90")	1.212	1.939	2.63	4.06	-0.12 - 1.33	1.06	1.33	0.00 - 1.21
2.54 (100")	1.346	2.154	2.93	4.52	-0.14 - 1.48	1.18	1.49	0.00 - 1.35
3.05 (120")	1.615	2.585	3.53	5.44	-0.16 - 1.78	1.43	1.79	0.00 - 1.62
3.81 (150")	2.019	3.231	4.43	6.82	-0.20 - 2.22	1.79	2.25	0.00 - 2.02
5.08 (200")	2.692	4.308	5.93	9.11	-0.27 - 2.96	2.40	3.01	0.00 - 2.69
6.35 (250")	3.365	5.385	7.43	11.40	-0.34 - 3.70	3.01	3.77	0.00 - 3.37
7.62 (300")	4.039	6.462	8.92	13.70	-0.40 - 4.44	3.62	4.53	0.00 - 4.04
8.89 (350")	4.712	7.539	10.42	15.99	-0.47 - 5.18	4.22	5.29	0.00 - 4.71
10.16 (400")	5.385	8.616	11.92	18.28	-0.54 - 5.92	4.83	6.06	0.00 - 5.39
12.70 (500")	6.731	10.770	14.92	22.87	-0.67 - 7.40	6.05	7.58	0.00 - 6.73
15.24 (600")	8.077	12.923	17.92	27.46	-0.81 - 8.89	7.26	9.10	0.00 - 8.08
17.78 (700")	9.423	15.077	20.91	32.04	-0.94 - 10.37	8.48	10.63	0.00 - 9.42

Lens model / Modèle d'objectif / 投写レンズ品番			ET-C1W400			ET-C1W500		
Throw ratio / Rapport de projection / スローレシオ			0.680 - 0.950:1			0.940 - 1.39:1		
SD	SH	SW	LW	LT	H	LW	LT	H
1.78 (70")	0.942	1.508	1.01	1.42	-0.09 - 1.04	1.41	2.08	-0.09 - 1.04
2.03 (80")	1.077	1.723	1.16	1.63	-0.11 - 1.19	1.61	2.39	-0.11 - 1.19
2.29 (90")	1.212	1.939	1.31	1.84	-0.12 - 1.33	1.82	2.69	-0.12 - 1.33
2.54 (100")	1.346	2.154	1.46	2.05	-0.14 - 1.48	2.03	2.99	-0.14 - 1.48
3.05 (120")	1.615	2.585	1.76	2.46	-0.16 - 1.78	2.44	3.60	-0.16 - 1.78
3.81 (150")	2.019	3.231	2.21	3.09	-0.20 - 2.22	3.06	4.51	-0.20 - 2.22
5.08 (200")	2.692	4.308	2.96	4.13	-0.27 - 2.96	4.09	6.03	-0.27 - 2.96
6.35 (250")	3.365	5.385	3.71	5.18	-0.34 - 3.70	5.12	7.55	-0.34 - 3.70
7.62 (300")	4.039	6.462	4.46	6.22	-0.40 - 4.44	6.15	9.07	-0.40 - 4.44
8.89 (350")	4.712	7.539	5.22	7.26	-0.47 - 5.18	7.18	10.59	-0.47 - 5.18
10.16 (400")	5.385	8.616	5.97	8.30	-0.54 - 5.92	8.21	12.10	-0.54 - 5.92
12.70 (500")	6.731	10.770	7.47	10.39	-0.67 - 7.40	10.27	15.14	-0.67 - 7.40
15.24 (600")	8.077	12.923	8.97	12.48	-0.81 - 8.89	12.33	18.18	-0.81 - 8.89
17.78 (700")	9.423	15.077	10.47	14.56	-0.94 - 10.37	14.39	21.22	-0.94 - 10.37

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

(Unit / Unités / 単位 : m)

Lens model / Modèle d'objectif / 投写レンズ品番			ET-C1T700		
Throw ratio / Rapport de projection / スローレシオ			2.07 - 3.38:1		
SD	SH	SW	LW	LT	H
1.78 (70")	0.942	1.508	3.09	5.07	-0.09 - 1.04
2.03 (80")	1.077	1.723	3.55	5.81	-0.11 - 1.19
2.29 (90")	1.212	1.939	4.00	6.54	-0.12 - 1.33
2.54 (100")	1.346	2.154	4.46	7.28	-0.14 - 1.48
3.05 (120")	1.615	2.585	5.37	8.75	-0.16 - 1.78
3.81 (150")	2.019	3.231	6.73	10.96	-0.20 - 2.22
5.08 (200")	2.692	4.308	9.01	14.64	-0.27 - 2.96
6.35 (250")	3.365	5.385	11.28	18.32	-0.34 - 3.70
7.62 (300")	4.039	6.462	13.56	22.00	-0.40 - 4.44
8.89 (350")	4.712	7.539	15.83	25.68	-0.47 - 5.18
10.16 (400")	5.385	8.616	18.11	29.37	-0.54 - 5.92
12.70 (500")	6.731	10.770	22.66	36.73	-0.67 - 7.40
15.24 (600")	8.077	12.923	27.21	44.09	-0.81 - 8.89
17.78 (700")	9.423	15.077	31.76	51.45	-0.94 - 10.37



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

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

(Unit / Unités / 単位 : m)

Lens model / Modèle d'objectif / 投写レンズ品番			ET-C1S600			ET-C1W300		
Throw ratio / Rapport de projection / スローレシオ			1.36 - 2.10:1			0.550 - 0.690:1		
SD	SH	SW	LW	LT	H	LW	LT	H
1.78 (70")	0.872	1.550	2.09	3.24	-0.15 - 1.02	0.84	1.06	-0.05 - 0.92
2.03 (80")	0.996	1.771	2.40	3.71	-0.17 - 1.16	0.97	1.22	-0.06 - 1.05
2.29 (90")	1.121	1.992	2.71	4.18	-0.19 - 1.31	1.09	1.37	-0.06 - 1.18
2.54 (100")	1.245	2.214	3.01	4.65	-0.21 - 1.45	1.22	1.53	-0.07 - 1.31
3.05 (120")	1.494	2.657	3.63	5.59	-0.25 - 1.74	1.47	1.84	-0.08 - 1.58
3.81 (150")	1.868	3.321	4.55	7.01	-0.31 - 2.18	1.84	2.31	-0.10 - 1.97
5.08 (200")	2.491	4.428	6.09	9.36	-0.42 - 2.91	2.47	3.09	-0.14 - 2.63
6.35 (250")	3.113	5.535	7.63	11.72	-0.52 - 3.63	3.09	3.88	-0.17 - 3.29
7.62 (300")	3.736	6.641	9.17	14.08	-0.62 - 4.36	3.72	4.66	-0.21 - 3.94
8.89 (350")	4.358	7.748	10.71	16.44	-0.73 - 5.09	4.34	5.44	-0.24 - 4.60
10.16 (400")	4.981	8.855	12.26	18.79	-0.83 - 5.81	4.97	6.23	-0.28 - 5.26
12.70 (500")	6.226	11.069	15.34	23.51	-1.04 - 7.26	6.22	7.79	-0.35 - 6.57
15.24 (600")	7.472	13.283	18.42	28.22	-1.25 - 8.72	7.47	9.36	-0.42 - 7.89
17.78 (700")	8.717	15.497	21.50	32.94	-1.45 - 10.17	8.72	10.92	-0.48 - 9.20

Lens model / Modèle d'objectif / 投写レンズ品番			ET-C1W400			ET-C1W500		
Throw ratio / Rapport de projection / スローレシオ			0.680 - 0.950:1			0.940 - 1.39:1		
SD	SH	SW	LW	LT	H	LW	LT	H
1.78 (70")	0.872	1.550	1.04	1.46	-0.15 - 1.02	1.45	2.14	-0.15 - 1.02
2.03 (80")	0.996	1.771	1.19	1.68	-0.17 - 1.16	1.66	2.45	-0.17 - 1.16
2.29 (90")	1.121	1.992	1.35	1.89	-0.19 - 1.31	1.87	2.76	-0.19 - 1.31
2.54 (100")	1.245	2.214	1.50	2.10	-0.21 - 1.45	2.08	3.08	-0.21 - 1.45
3.05 (120")	1.494	2.657	1.81	2.53	-0.25 - 1.74	2.51	3.70	-0.25 - 1.74
3.81 (150")	1.868	3.321	2.27	3.18	-0.31 - 2.18	3.14	4.64	-0.31 - 2.18
5.08 (200")	2.491	4.428	3.05	4.25	-0.42 - 2.91	4.20	6.20	-0.42 - 2.91
6.35 (250")	3.113	5.535	3.82	5.32	-0.52 - 3.63	5.26	7.76	-0.52 - 3.63
7.62 (300")	3.736	6.641	4.59	6.39	-0.62 - 4.36	6.32	9.32	-0.62 - 4.36
8.89 (350")	4.358	7.748	5.36	7.46	-0.73 - 5.09	7.38	10.88	-0.73 - 5.09
10.16 (400")	4.981	8.855	6.13	8.54	-0.83 - 5.81	8.44	12.44	-0.83 - 5.81
12.70 (500")	6.226	11.069	7.68	10.68	-1.04 - 7.26	10.56	15.56	-1.04 - 7.26
15.24 (600")	7.472	13.283	9.22	12.82	-1.25 - 8.72	12.67	18.69	-1.25 - 8.72
17.78 (700")	8.717	15.497	10.76	14.97	-1.45 - 10.17	14.79	21.81	-1.45 - 10.17

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

(Unit / Unités / 単位 : m)

Lens model / Modèle d'objectif / 投写レンズ品番			ET-C1T700		
Throw ratio / Rapport de projection / スローレシオ			2.07 - 3.38:1		
SD	SH	SW	LW	LT	H
1.78 (70")	0.872	1.550	3.18	5.21	-0.15 - 1.02
2.03 (80")	0.996	1.771	3.65	5.97	-0.17 - 1.16
2.29 (90")	1.121	1.992	4.12	6.73	-0.19 - 1.31
2.54 (100")	1.245	2.214	4.58	7.48	-0.21 - 1.45
3.05 (120")	1.494	2.657	5.52	9.00	-0.25 - 1.74
3.81 (150")	1.868	3.321	6.92	11.27	-0.31 - 2.18
5.08 (200")	2.491	4.428	9.26	15.05	-0.42 - 2.91
6.35 (250")	3.113	5.535	11.60	18.83	-0.52 - 3.63
7.62 (300")	3.736	6.641	13.94	22.62	-0.62 - 4.36
8.89 (350")	4.358	7.748	16.28	26.40	-0.73 - 5.09
10.16 (400")	4.981	8.855	18.62	30.18	-0.83 - 5.81
12.70 (500")	6.226	11.069	23.29	37.75	-1.04 - 7.26
15.24 (600")	7.472	13.283	27.97	45.32	-1.25 - 8.72
17.78 (700")	8.717	15.497	32.65	52.88	-1.45 - 10.17

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

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

(Unit / Unités / 単位 : m)

Lens model / Modèle d'objectif / 投写レンズ品番			ET-C1S600			ET-C1W300		
Throw ratio / Rapport de projection / スローレシオ			1.64 - 2.52:1			0.660 - 0.830:1		
SD	SH	SW	LW	LT	H	LW	LT	H
1.78 (70")	1.067	1.422	2.31	3.57	-0.11 - 1.17	0.93	1.17	0.00 - 1.07
2.03 (80")	1.219	1.626	2.65	4.09	-0.12 - 1.34	1.07	1.34	0.00 - 1.22
2.29 (90")	1.372	1.829	2.99	4.61	-0.14 - 1.51	1.21	1.51	0.00 - 1.37
2.54 (100")	1.524	2.032	3.33	5.13	-0.15 - 1.68	1.34	1.69	0.00 - 1.52
3.05 (120")	1.829	2.438	4.00	6.17	-0.18 - 2.01	1.62	2.03	0.00 - 1.83
3.81 (150")	2.286	3.048	5.02	7.73	-0.23 - 2.52	2.03	2.55	0.00 - 2.29
5.08 (200")	3.048	4.064	6.72	10.32	-0.31 - 3.35	2.72	3.41	0.00 - 3.05
6.35 (250")	3.810	5.080	8.42	12.92	-0.38 - 4.19	3.41	4.27	0.00 - 3.81
7.62 (300")	4.572	6.096	10.11	15.51	-0.46 - 5.03	4.10	5.14	0.00 - 4.57
8.89 (350")	5.334	7.112	11.81	18.11	-0.53 - 5.87	4.79	6.00	0.00 - 5.33
10.16 (400")	6.096	8.128	13.51	20.71	-0.61 - 6.71	5.47	6.86	0.00 - 6.10
12.70 (500")	7.620	10.160	16.90	25.90	-0.76 - 8.38	6.85	8.59	0.00 - 7.62
15.24 (600")	9.144	12.192	20.29	31.09	-0.91 - 10.06	8.23	10.31	0.00 - 9.14
17.78 (700")	10.668	14.224	23.68	36.28	-1.07 - 11.74	9.60	12.04	0.00 - 10.67

Lens model / Modèle d'objectif / 投写レンズ品番			ET-C1W400			ET-C1W500		
Throw ratio / Rapport de projection / スローレシオ			0.820 - 1.14:1			1.13 - 1.67:1		
SD	SH	SW	LW	LT	H	LW	LT	H
1.78 (70")	1.067	1.422	1.15	1.61	-0.11 - 1.17	1.60	2.36	-0.11 - 1.17
2.03 (80")	1.219	1.626	1.32	1.85	-0.12 - 1.34	1.83	2.71	-0.12 - 1.34
2.29 (90")	1.372	1.829	1.49	2.09	-0.14 - 1.51	2.07	3.05	-0.14 - 1.51
2.54 (100")	1.524	2.032	1.66	2.32	-0.15 - 1.68	2.30	3.39	-0.15 - 1.68
3.05 (120")	1.829	2.438	2.00	2.79	-0.18 - 2.01	2.77	4.08	-0.18 - 2.01
3.81 (150")	2.286	3.048	2.51	3.50	-0.23 - 2.52	3.47	5.11	-0.23 - 2.52
5.08 (200")	3.048	4.064	3.36	4.68	-0.31 - 3.35	4.63	6.83	-0.31 - 3.35
6.35 (250")	3.810	5.080	4.21	5.86	-0.38 - 4.19	5.80	8.55	-0.38 - 4.19
7.62 (300")	4.572	6.096	5.06	7.05	-0.46 - 5.03	6.96	10.27	-0.46 - 5.03
8.89 (350")	5.334	7.112	5.91	8.23	-0.53 - 5.87	8.13	11.99	-0.53 - 5.87
10.16 (400")	6.096	8.128	6.76	9.41	-0.61 - 6.71	9.30	13.71	-0.61 - 6.71
12.70 (500")	7.620	10.160	8.46	11.77	-0.76 - 8.38	11.63	17.15	-0.76 - 8.38
15.24 (600")	9.144	12.192	10.16	14.13	-0.91 - 10.06	13.96	20.59	-0.91 - 10.06
17.78 (700")	10.668	14.224	11.86	16.49	-1.07 - 11.74	16.30	24.03	-1.07 - 11.74

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

(Unit / Unités / 単位 : m)

Lens model / Modèle d'objectif / 投写レンズ品番			ET-C1T700		
Throw ratio / Rapport de projection / スローレシオ			2.49 - 4.06:1		
SD	SH	SW	LW	LT	H
1.78 (70")	1.067	1.422	3.51	5.75	-0.11 - 1.17
2.03 (80")	1.219	1.626	4.03	6.58	-0.12 - 1.34
2.29 (90")	1.372	1.829	4.54	7.42	-0.14 - 1.51
2.54 (100")	1.524	2.032	5.06	8.25	-0.15 - 1.68
3.05 (120")	1.829	2.438	6.09	9.92	-0.18 - 2.01
3.81 (150")	2.286	3.048	7.63	12.42	-0.23 - 2.52
5.08 (200")	3.048	4.064	10.21	16.59	-0.31 - 3.35
6.35 (250")	3.810	5.080	12.79	20.75	-0.38 - 4.19
7.62 (300")	4.572	6.096	15.36	24.92	-0.46 - 5.03
8.89 (350")	5.334	7.112	17.94	29.09	-0.53 - 5.87
10.16 (400")	6.096	8.128	20.51	33.25	-0.61 - 6.71
12.70 (500")	7.620	10.160	25.66	41.59	-0.76 - 8.38
15.24 (600")	9.144	12.192	30.82	49.92	-0.91 - 10.06
17.78 (700")	10.668	14.224	35.97	58.26	-1.07 - 11.74

## 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 2.54 m (100").

## 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 2,54 m (100").

## 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 100 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。

(Unit / Unités / 単位 : m)

		L	
		LW	LT
ET-C1S600	When the screen aspect ratio is 16:10 Lorsque le rapport d'aspect de l'écran est 16:10 画面アスペクト比 16 : 10 のとき	=1.1800 × SD - 0.0668	=1.8057 × SD - 0.0631
	When the screen aspect ratio is 16:9 Lorsque le rapport d'aspect de l'écran est 16:9 画面アスペクト比 16 : 9 のとき	=1.2128 × SD - 0.0668	=1.8559 × SD - 0.0631
	When the screen aspect ratio is 4:3 Lorsque le rapport d'aspect de l'écran est 4:3 画面アスペクト比 4 : 3 のとき	=1.3358 × SD - 0.0668	=2.0442 × SD - 0.0631
ET-C1W300	When the screen aspect ratio is 16:10 Lorsque le rapport d'aspect de l'écran est 16:10 画面アスペクト比 16 : 10 のとき	=0.4787 × SD - 0.0322	=0.5998 × SD - 0.0376
	When the screen aspect ratio is 16:9 Lorsque le rapport d'aspect de l'écran est 16:9 画面アスペクト比 16 : 9 のとき	=0.4920 × SD - 0.0322	=0.6165 × SD - 0.0376
	When the screen aspect ratio is 4:3 Lorsque le rapport d'aspect de l'écran est 4:3 画面アスペクト比 4 : 3 のとき	=0.5420 × SD - 0.0322	=0.6791 × SD - 0.0376
ET-C1W400	When the screen aspect ratio is 16:10 Lorsque le rapport d'aspect de l'écran est 16:10 画面アスペクト比 16 : 10 のとき	=0.5913 × SD - 0.0416	=0.8212 × SD - 0.0389
	When the screen aspect ratio is 16:9 Lorsque le rapport d'aspect de l'écran est 16:9 画面アスペクト比 16 : 9 のとき	=0.6078 × SD - 0.0416	=0.8440 × SD - 0.0389
	When the screen aspect ratio is 4:3 Lorsque le rapport d'aspect de l'écran est 4:3 画面アスペクト比 4 : 3 のとき	=0.6694 × SD - 0.0416	=0.9297 × SD - 0.0389
ET-C1W500	When the screen aspect ratio is 16:10 Lorsque le rapport d'aspect de l'écran est 16:10 画面アスペクト比 16 : 10 のとき	=0.8114 × SD - 0.0344	=1.1958 × SD - 0.0448
	When the screen aspect ratio is 16:9 Lorsque le rapport d'aspect de l'écran est 16:9 画面アスペクト比 16 : 9 のとき	=0.8339 × SD - 0.0344	=1.2291 × SD - 0.0448
	When the screen aspect ratio is 4:3 Lorsque le rapport d'aspect de l'écran est 4:3 画面アスペクト比 4 : 3 のとき	=0.9185 × SD - 0.0344	=1.3538 × SD - 0.0448

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

(Unit / Unités / 単位 : m)

		L	
		LW	LT
ET-C1T700	When the screen aspect ratio is 16:10 Lorsque le rapport d'aspect de l'écran est 16:10 画面アスペクト比 16 : 10 のとき	=1.7915 × SD - 0.0929	=2.8985 × SD - 0.0835
	When the screen aspect ratio is 16:9 Lorsque le rapport d'aspect de l'écran est 16:9 画面アスペクト比 16 : 9 のとき	=1.8413 × SD - 0.0929	=2.9791 × SD - 0.0835
	When the screen aspect ratio is 4:3 Lorsque le rapport d'aspect de l'écran est 4:3 画面アスペクト比 4 : 3 のとき	=2.0282 × SD - 0.0929	=3.2813 × SD - 0.0835

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