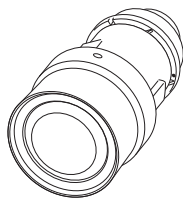


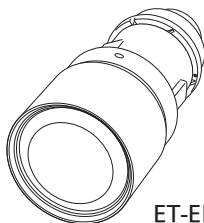
Operating Instructions

Projection Lens **Commercial Use**

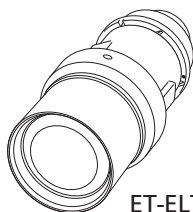
Model No. ET-ELW21
ET-ELW20
ET-ELT22
ET-ELT23



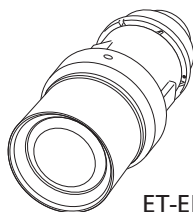
ET-ELW21



ET-ELW20



ET-ELT22



ET-ELT23

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 ().	

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.

Do not allow children to reach the spacer.

- The spacers can cause personal injury if swallowed.
- If the spacers are swallowed, seek medical advice immediately.

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
Fixed focus lens	ET-ELW21
Zoom lens	ET-ELW20 / ET-ELT22 / ET-ELT23

■ Supported projectors

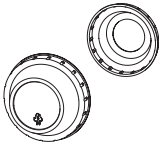
PT-MZ770 / PT-MW730 / PT-MZ670 / PT-MW630 / PT-MZ570 / PT-MW530 / PT-EZ770 / PT-EW730 / PT-EX800

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 of the projector you are using.

■ Supplied Accessories

Make sure that the following has been provided.

Part name	Appearance
Lens cover	 ● The product is delivered with a lens cap attached. ● The shape and size of the lens caps are different for each product. 1 each for front and rear
Spacer (TOSAS0001--)	 (Colors: black, cream, clear) 4 each

Attaching / removing the projection 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 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.

Attaching / removing the projection lens (continued)

- 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 / Detaching the Lens

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

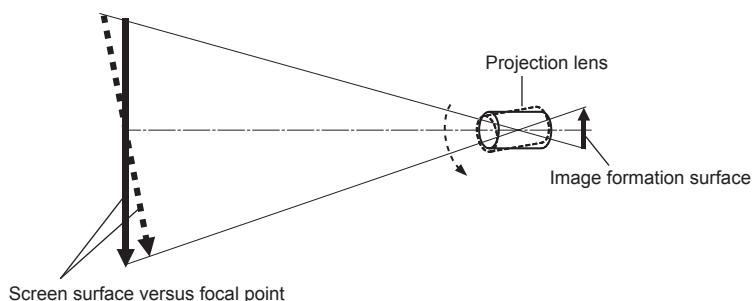
Making Adjustments

Correcting the Focus

When the projection lens is attached to the projector and images are being projected onto the screen, the peripheral focus may be out of focus in some localized areas. In such cases, use the supplied spacers to correct the focus of these areas, and perform adjustments so that the entire image is even.

■ Relationship between lens orientation and screen focus

If the projection lens is tilted with respect to the plane of the screen, uneven focus will result. For example, when the front side of the lens (screen side) is tilted downward as shown in the figure below (direction of the dotted arrow), the upper part of the screen will be tilted backward and the lower part of the screen will be tilted forward.



■ Procedure for correcting the focus

Attention

- Turn off the projector before removing the projection lens.

Note

- Focus correction requires some technical skill. Be sure to have a person with knowledge of projectors or a service technician to perform adjustments.

Making Adjustments (continued)

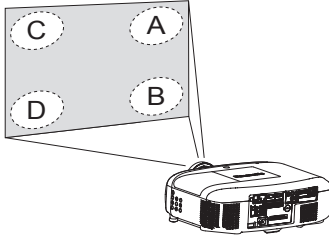


Fig. 1

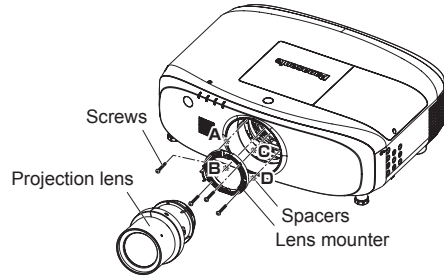


Fig. 2

- 1) Install the projector in the installation location, and turn it on to project an image.
- 2) Move the lens to its home position.
- 3) Operate the projector to shift the focus of the entire projected image toward the front of the screen.
- 4) Operate the projector to shift the focus toward the screen a little bit at a time until one of the areas A to D in Fig. 1 just comes into focus on the screen, and then stop.
 - In this state, the “just focus points” of the unfocused areas are positioned just in front of the screen. The distance between this position and the screen is the correction distance.
- 5) Insert the spacers between the body of the projector and the lens mounter, as shown in Fig. 2.
 - Remove the lens mounter from the projector, and insert the spacers in the positions that correspond to the unfocused areas.
 - The “just focus points” of the areas for which you inserted spacers will be corrected toward the rear of the screen.
 - Make sure the adhesive surfaces of the spacers face the lens mounter when inserting them.
 - The correction distance is determined by the thickness and quantity of spacers inserted. Insert spacers according to the correction distance.
(The unit for correction distances derived from the formulas in the following table is millimeters.)

Spacer	Color	Thickness	Correction distance during projected image size SD (m)
	Clear	0.1 mm	$SD \times SD \times 51.5$
	Black	0.2 mm	$SD \times SD \times 103$
	Cream	0.3 mm	$SD \times SD \times 154.5$

Correction distance guide: When the projected image size is 1.52 m (60 in.), the corrected distance when one 0.1 mm thick spacer is inserted is 120 mm.

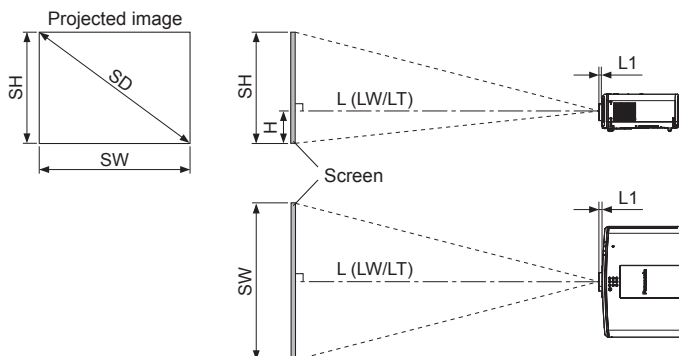
Attention

- Installing the lens mounter, be careful not to put wiring between the lens mounter and the projector unit.

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

● L1 dimensions (approximate values)

(Unit: m)

Projector model	ET-ELW21	ET-ELW20	ET-ELT22	ET-ELT23
PT-MZ770 / PT-MW730 / PT-MZ670 / PT-MW630 / PT-MZ570 / PT-MW530	0.005	0.035	0.036	0.032
PT-EZ770 / PT-EW730 / PT-EX800	0.050	0.080	0.081	0.080

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.

Projection relationships (continued)

Attention

- To prevent blocking of the intake and exhaust vents, maintain clearances from walls and objects of at least 1 000 mm (3'3") for the exhaust vent and at least 500 mm (1'8") for the intake vent.
- Avoid setting up in places which are subject to sudden temperature changes, such as near an air conditioner or lighting equipment (studio lamps, etc.).

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-MZ770 / PT-MW730 / PT-MZ670 / PT-MW630 / PT-MZ570 / PT-MW530 / PT-EZ770 / PT-EW730 / PT-EX800, refer to "Setting up" in the operating instructions of the projector.

Lens shift ranges

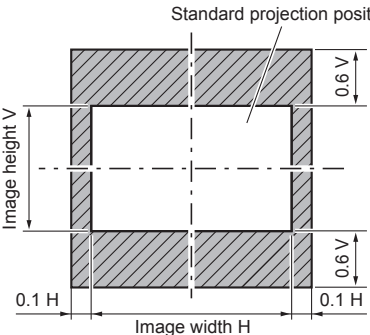
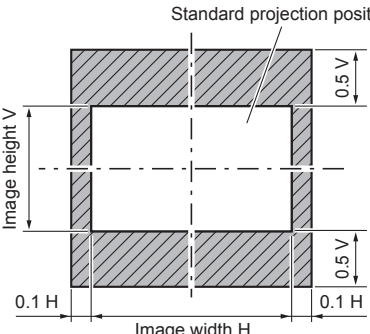
Perform the lens position shift within the adjustment range.

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

Moving the lens outside of the adjustment ranges may alter the focus. 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.

Lens model	ET-ELW20 / ET-ELT22 / ET-ELT23
PT-MZ770 / PT-MW730 / PT-MZ670 / PT-MW630 / PT-MZ570 / PT-MW530	Standard projection position

Lens shift ranges (continued)

Lens model	ET-ELW20 / ET-ELT22 / ET-ELT23
PT-EZ770 / PT-EW730	 Standard projection position Image height V Image width H 0.6 V 0.1 H
PT-EX800	 Standard projection position Image height V Image width H 0.5 V 0.1 H

Note

- Lens shifting cannot be performed when a fixed-focus lens (model no.: ET-ELW21) is attached.
- 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.

Specifications

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

Model No.	ET-ELW21	ET-ELW20	ET-ELT22	ET-ELT23
Lens Type	Short fixed lens	Short zoom lens	Long zoom lens	Ultra long zoom lens
F value	2.0	1.8 to 2.3	1.8 to 2.3	1.8 to 2.3
Focal Length (f)	13.05 mm	20.4 to 27.6 mm	45.6 to 73.8 mm	73.9 to 117.1 mm
Dimensions*1	Width	108 mm (4-1/4")	108 mm (4-1/4")	108 mm (4-1/4")
	Height	108 mm (4-1/4")	108 mm (4-1/4")	108 mm (4-1/4")
	Depth	166 mm (6-17/32")	197 mm (7-3/4")	196 mm (7-23/32")
Net Weight	1.08 kg (2.38 lbs)	1.20 kg (2.65 lbs)	1.18 kg (2.60 lbs)	1.20 kg (2.65 lbs)

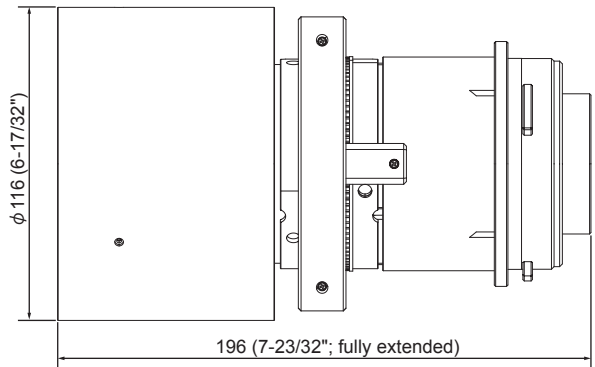
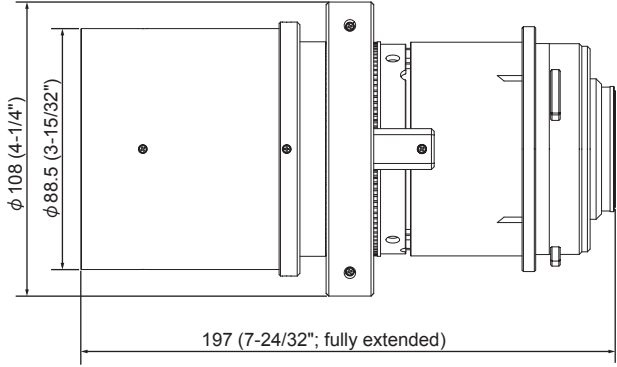
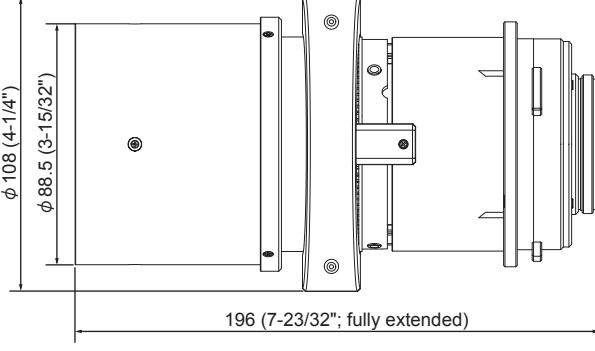
*1: Excluding protrusions.

Dimensions

(Unit: mm)

Model number	Dimensions
ET-ELW21	

Dimensions (continued)

Model number	Dimensions
ET-ELW20	 Technical drawing of the ET-ELW20 model. It shows a side view of a mechanical assembly with a central vertical plate and various mounting brackets. The drawing includes two dimension lines: a vertical one on the left indicating a diameter of $\phi 116$ (6-17/32") and a horizontal one at the bottom indicating a length of 196 (7-23/32"; fully extended).
ET-ELT22	 Technical drawing of the ET-ELT22 model. It shows a side view of a mechanical assembly. The drawing includes three dimension lines: a vertical one on the left indicating an outer diameter of $\phi 108$ (4-1/4"), an inner vertical one indicating a diameter of $\phi 88.5$ (3-15/32"), and a horizontal one at the bottom indicating a length of 197 (7-24/32"; fully extended).
ET-ELT23	 Technical drawing of the ET-ELT23 model. It shows a side view of a mechanical assembly. The drawing includes two vertical dimension lines on the left indicating diameters of $\phi 108$ (4-1/4") and $\phi 88.5$ (3-15/32"), and a horizontal dimension line at the bottom indicating a length of 196 (7-23/32"; fully extended).

■ Indication of the manufacturer and the importer with EU Directive requirements

English	Manufactured by: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Japan Importer: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Germany Authorized Representative in EU: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, Germany
Български	Производител: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Япония Вносител: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Германия Упълномощен представител в ЕС: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, Германия
Čeština	Vyrobil: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Japonsko Dovozce: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Německo Oprávněný zástupce v EU: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburk, Německo
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Gaeilge	Arna dhéanamh ag : Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, An tSeapáin Allmhaireoir : Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, An Ghearmáin Ionadaí Údaraithe san AE : Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, An Ghearmáin
Hrvatski	Proizvodi: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Japan Uvoznik: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Njemačka Ovlašteni zastupnik u EU-u: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, Njemačka
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Suomi	Valmistaja: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Japani Maahantuoja: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Saksa Valtuutettu edustaja EU:ssa: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hampuri, Saksa
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Türkçe	Tarafından Üretilmiştir: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Japonya İthalatçı: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Almanya AB Yetkili Temsilcisi: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, Almanya

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2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Japan

Importer: Panasonic Connect Europe GmbH

Hagenauer Strasse 43, 65203 Wiesbaden, Germany

Authorized Representative in EU: Panasonic Connect Europe GmbH

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Winsbergring 15, 22525 Hamburg, Germany

Importer for UK:

Panasonic Connect UK,

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Only for European Union and countries with recycling systems



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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.

Panasonic Projector & Display Corporation

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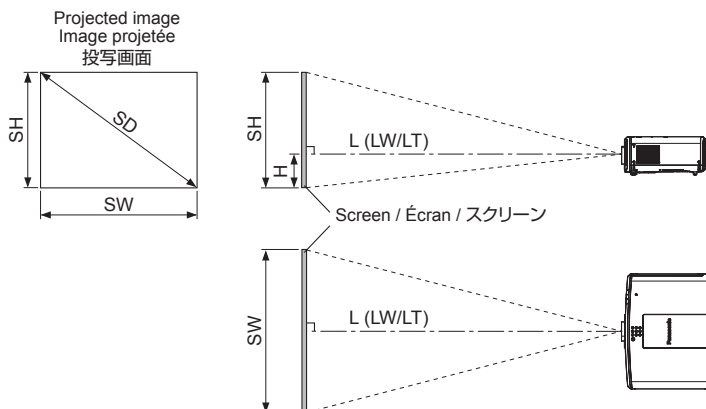
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Appendix / Annexe / 付録

■ 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通りです。



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
SH		Image height / Hauteur d'image / 投写画面高さ
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
SW		Image width / Largeur d'image / 投写画面幅
SD		Projected image size / Taille de l'image projetée / 投写画面対角

- 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 12) to determine the projection distance (L).

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 12) pour déterminer la distance de projection (L).

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 12 ページ) で投写距離 (L) を求めてください。

Projectors / Projecteurs / プロジェクター

PT-MZ770 / PT-MZ670 / PT-MZ570 / PT-EZ770 / PT-MW730 / PT-MW630 / PT-MW530 / PT-EW730 / PT-EX800
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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。

● PT-MZ770 / PT-MZ670 / PT-MZ570 / PT-EZ770

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 type / Type d'objectif / レンズタイプ			Fixed focus lens / Objectif à mise au point fixe / 固定焦点レンズ	Zoom lens / Objectif zoom / ズームレンズ					
Lens model / Modèle d'objectif / 投写レンズ品番			ET-ELW21	ET-ELW20		ET-ELT22		ET-ELT23	
Throw ratio / Rapport de projection / スローレシオ			0.764:1	1.21 - 1.66:1		2.72 - 4.48:1		4.44 - 7.12:1	
SD	SH	SW	L (Fixed / Fixe / 固定)	LW	LT	LW	LT	LW	LT
1.016 (40")	0.538	0.862	0.63	1.02	1.41	2.29	3.81	3.72	6.03
1.270 (50")	0.673	1.077	0.80	1.29	1.77	2.89	4.79	4.70	7.59
1.524 (60")	0.808	1.292	0.97	1.55	2.14	3.49	5.77	5.68	9.15
1.778 (70")	0.942	1.508	1.14	1.82	2.50	4.09	6.75	6.66	10.71
2.032 (80")	1.077	1.723	1.32	2.09	2.87	4.69	7.73	7.64	12.27
2.286 (90")	1.212	1.939	1.49	2.36	3.23	5.30	8.71	8.63	13.83
2.540 (100")	1.346	2.154	1.66	2.63	3.60	5.90	9.69	9.61	15.39
3.048 (120")	1.615	2.585	2.00	3.16	4.33	7.10	11.65	11.57	18.51
3.810 (150")	2.019	3.231	2.52	3.97	5.42	8.90	14.59	14.52	23.19
5.080 (200")	2.692	4.308	3.38	5.31	7.25	11.91	19.49	19.43	30.99
6.350 (250")	3.365	5.385	4.24	6.65	9.07	14.91	24.39	24.34	38.79
7.620 (300")	4.039	6.462	5.10	7.99	10.90	17.92	29.29	29.25	46.59
8.890 (350")	4.712	7.539	5.95	9.33	12.73	20.92	34.19	34.16	54.39
10.160 (400")	5.385	8.616	6.81	10.67	14.55	23.93	39.09	39.07	62.19

Lens model / Modèle d'objectif / 投写レンズ品番			ET-ELW21 (Fixed / Fixe / 固定)	ET-ELW20 / ET-ELT22 / ET-ELT23	
Projector model / Modèle de projecteur / プロジェクター品番				PT-MZ770 / PT-MZ670 / PT-MZ570	PT-EZ770
SD	SH	SW	H		
1.016 (40")	0.538	0.862	0.27	-0.09 - 0.63	-0.05 - 0.59
1.270 (50")	0.673	1.077	0.34	-0.11 - 0.79	-0.07 - 0.74
1.524 (60")	0.808	1.292	0.40	-0.14 - 0.95	-0.08 - 0.89
1.778 (70")	0.942	1.508	0.47	-0.16 - 1.10	-0.09 - 1.04
2.032 (80")	1.077	1.723	0.54	-0.18 - 1.26	-0.11 - 1.18
2.286 (90")	1.212	1.939	0.61	-0.21 - 1.42	-0.12 - 1.33
2.540 (100")	1.346	2.154	0.67	-0.23 - 1.58	-0.13 - 1.48
3.048 (120")	1.615	2.585	0.81	-0.27 - 1.89	-0.16 - 1.78
3.810 (150")	2.019	3.231	1.01	-0.34 - 2.36	-0.20 - 2.22
5.080 (200")	2.692	4.308	1.35	-0.46 - 3.15	-0.27 - 2.96
6.350 (250")	3.365	5.385	1.68	-0.57 - 3.94	-0.34 - 3.70
7.620 (300")	4.039	6.462	2.02	-0.69 - 4.73	-0.40 - 4.44
8.890 (350")	4.712	7.539	2.36	-0.80 - 5.51	-0.47 - 5.18
10.160 (400")	5.385	8.616	2.69	-0.92 - 6.30	-0.54 - 5.92

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 type / Type d'objectif / レンスタイプ			Fixed focus lens / Objectif à mise au point fixe / 固定焦点レンズ	Zoom lens / Objectif zoom / ズームレンズ					
Lens model / Modèle d'objectif / 投写レンズ品番			ET-ELW21	ET-ELW20		ET-ELT22		ET-ELT23	
Throw ratio / Rapport de projection / スローレシオ			0.765:1	1.21 - 1.66:1		2.73 - 4.49:1		4.44 - 7.12:1	
SD	SH	SW	L (Fixed / Fixe / 固定)	LW	LT	LW	LT	LW	LT
1.016 (40")	0.498	0.886	0.65	1.05	1.45	2.36	3.92	3.83	6.20
1.270 (50")	0.623	1.107	0.83	1.32	1.82	2.97	4.92	4.83	7.81
1.524 (60")	0.747	1.328	1.00	1.60	2.20	3.59	5.93	5.84	9.41
1.778 (70")	0.872	1.550	1.18	1.87	2.57	4.21	6.94	6.85	11.01
2.032 (80")	0.996	1.771	1.35	2.15	2.95	4.83	7.95	7.86	12.62
2.286 (90")	1.121	1.992	1.53	2.43	3.32	5.45	8.95	8.87	14.22
2.540 (100")	1.245	2.214	1.71	2.70	3.70	6.06	9.96	9.88	15.82
3.048 (120")	1.494	2.657	2.06	3.25	4.45	7.30	11.97	11.90	19.03
3.810 (150")	1.868	3.321	2.59	4.08	5.58	9.15	15.00	14.93	23.84
5.080 (200")	2.491	4.428	3.47	5.46	7.45	12.24	20.03	19.98	31.86
6.350 (250")	3.113	5.535	4.36	6.83	9.33	15.33	25.07	25.02	39.87
7.620 (300")	3.736	6.641	5.24	8.21	11.20	18.42	30.10	30.07	47.89
8.890 (350")	4.358	7.748	6.12	9.59	13.08	21.51	35.14	35.12	55.91
10.160 (400")	4.981	8.855	7.00	10.97	14.96	24.60	40.18	40.17	63.92

Lens model / Modèle d'objectif / 投写レンズ品番			ET-ELW21 (Fixed / Fixe / 固定)	ET-ELW20 / ET-ELT22 / ET-ELT23	
Projector model / Modèle de projecteur / プロジェクター品番				PT-MZ770 / PT-MZ670 / PT-MZ570	PT-EZ770
SD	SH	SW	H		
1.016 (40")	0.498	0.886	0.25	-0.12 - 0.62	-0.05 - 0.55
1.270 (50")	0.623	1.107	0.31	-0.15 - 0.77	-0.06 - 0.68
1.524 (60")	0.747	1.328	0.37	-0.18 - 0.93	-0.07 - 0.82
1.778 (70")	0.872	1.550	0.44	-0.21 - 1.08	-0.09 - 0.96
2.032 (80")	0.996	1.771	0.50	-0.24 - 1.24	-0.10 - 1.10
2.286 (90")	1.121	1.992	0.56	-0.27 - 1.39	-0.11 - 1.23
2.540 (100")	1.245	2.214	0.62	-0.30 - 1.55	-0.12 - 1.37
3.048 (120")	1.494	2.657	0.75	-0.37 - 1.86	-0.15 - 1.64
3.810 (150")	1.868	3.321	0.93	-0.46 - 2.32	-0.19 - 2.05
5.080 (200")	2.491	4.428	1.25	-0.61 - 3.10	-0.25 - 2.74
6.350 (250")	3.113	5.535	1.56	-0.76 - 3.87	-0.31 - 3.42
7.620 (300")	3.736	6.641	1.87	-0.91 - 4.65	-0.37 - 4.11
8.890 (350")	4.358	7.748	2.18	-1.07 - 5.42	-0.44 - 4.79
10.160 (400")	4.981	8.855	2.49	-1.22 - 6.20	-0.50 - 5.48

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 type / Type d'objectif / レンズタイプ			Fixed focus lens / Objectif à mise au point fixe / 固定焦点レンズ	Zoom lens / Objectif zoom / ズームレンズ					
Lens model / Modèle d'objectif / 投写レンズ品番			ET-ELW21	ET-ELW20		ET-ELT22		ET-ELT23	
Throw ratio / Rapport de projection / スローレシオ			0.922:1	1.46 - 2.00:1		3.28 - 5.39:1		5.34 - 8.56:1	
SD	SH	SW	L (Fixed / Fixe / 固定)	LW	LT	LW	LT	LW	LT
1.016 (40")	0.610	0.813	0.72	1.16	1.60	2.61	4.33	4.24	6.85
1.270 (50")	0.762	1.016	0.91	1.46	2.01	3.29	5.43	5.35	8.62
1.524 (60")	0.914	1.219	1.11	1.77	2.43	3.97	6.54	6.46	10.39
1.778 (70")	1.067	1.422	1.30	2.07	2.84	4.65	7.65	7.57	12.15
2.032 (80")	1.219	1.626	1.50	2.37	3.25	5.33	8.76	8.68	13.92
2.286 (90")	1.372	1.829	1.69	2.68	3.67	6.01	9.87	9.79	15.68
2.540 (100")	1.524	2.032	1.89	2.98	4.08	6.69	10.98	10.91	17.45
3.048 (120")	1.829	2.438	2.28	3.59	4.91	8.05	13.20	13.13	20.98
3.810 (150")	2.286	3.048	2.86	4.50	6.15	10.09	16.53	16.47	26.28
5.080 (200")	3.048	4.064	3.83	6.02	8.21	13.49	22.08	22.03	35.11
6.350 (250")	3.810	5.080	4.80	7.53	10.28	16.90	27.62	27.58	43.94
7.620 (300")	4.572	6.096	5.78	9.05	12.35	20.30	33.17	33.14	52.77
8.890 (350")	5.334	7.112	6.75	10.57	14.41	23.70	38.72	38.70	61.60
10.160 (400")	6.096	8.128	7.72	12.09	16.48	27.10	44.27	44.26	70.43

Lens model / Modèle d'objectif / 投写レンズ品番			ET-ELW21 (Fixed / Fixe / 固定)	ET-ELW20 / ET-ELT22 / ET-ELT23	
Projector model / Modèle de projecteur / プロジェクター品番				PT-MZ770 / PT-MZ670 / PT-MZ570	PT-EZ770
SD	SH	SW	H		
1.016 (40")	0.610	0.813	0.30	-0.10 - 0.71	-0.06 - 0.67
1.270 (50")	0.762	1.016	0.38	-0.13 - 0.89	-0.08 - 0.84
1.524 (60")	0.914	1.219	0.46	-0.16 - 1.07	-0.09 - 1.01
1.778 (70")	1.067	1.422	0.53	-0.18 - 1.25	-0.11 - 1.17
2.032 (80")	1.219	1.626	0.61	-0.21 - 1.43	-0.12 - 1.34
2.286 (90")	1.372	1.829	0.69	-0.23 - 1.60	-0.14 - 1.51
2.540 (100")	1.524	2.032	0.76	-0.26 - 1.78	-0.15 - 1.68
3.048 (120")	1.829	2.438	0.91	-0.31 - 2.14	-0.18 - 2.01
3.810 (150")	2.286	3.048	1.14	-0.39 - 2.67	-0.23 - 2.51
5.080 (200")	3.048	4.064	1.52	-0.52 - 3.57	-0.30 - 3.35
6.350 (250")	3.810	5.080	1.91	-0.65 - 4.46	-0.38 - 4.19
7.620 (300")	4.572	6.096	2.29	-0.78 - 5.35	-0.46 - 5.03
8.890 (350")	5.334	7.112	2.67	-0.91 - 6.24	-0.53 - 5.87
10.160 (400")	6.096	8.128	3.05	-1.04 - 7.13	-0.61 - 6.71

● PT-MW730 / PT-MW630 / PT-MW530 / PT-EW730

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 type / Type d'objectif / レンズタイプ			Fixed focus lens / Objectif à mise au point fixe / 固定焦点レンズ	Zoom lens / Objectif zoom / ズームレンズ					
Lens model / Modèle d'objectif / 投写レンズ品番			ET-ELW21	ET-ELW20		ET-ELT22		ET-ELT23	
Throw ratio / Rapport de projection / スローレシオ			0.774:1	1.23 - 1.68:1		2.76 - 4.54:1		4.49 - 7.21:1	
SD	SH	SW	L (Fixed / Fixe / 固定)	LW	LT	LW	LT	LW	LT
1.016 (40")	0.538	0.862	0.64	1.03	1.42	2.32	3.85	3.76	6.10
1.270 (50")	0.673	1.077	0.81	1.30	1.79	2.93	4.85	4.76	7.68
1.524 (60")	0.808	1.292	0.99	1.58	2.16	3.54	5.84	5.75	9.26
1.778 (70")	0.942	1.508	1.16	1.85	2.53	4.14	6.83	6.75	10.84
2.032 (80")	1.077	1.723	1.33	2.12	2.90	4.75	7.82	7.74	12.42
2.286 (90")	1.212	1.939	1.51	2.39	3.27	5.36	8.81	8.73	14.00
2.540 (100")	1.346	2.154	1.68	2.66	3.64	5.97	9.80	9.73	15.58
3.048 (120")	1.615	2.585	2.03	3.21	4.38	7.19	11.79	11.72	18.73
3.810 (150")	2.019	3.231	2.55	4.02	5.48	9.01	14.76	14.70	23.47
5.080 (200")	2.692	4.308	3.42	5.38	7.33	12.05	19.72	19.67	31.36
6.350 (250")	3.365	5.385	4.29	6.74	9.17	15.10	24.68	24.64	39.26
7.620 (300")	4.039	6.462	5.16	8.10	11.02	18.14	29.64	29.61	47.15
8.890 (350")	4.712	7.539	6.03	9.46	12.86	21.18	34.59	34.58	55.04
10.160 (400")	5.385	8.616	6.89	10.82	14.71	24.22	39.55	39.55	62.94

Lens model / Modèle d'objectif / 投写レンズ品番			ET-ELW21 (Fixed / Fixe / 固定)	ET-ELW20 / ET-ELT22 / ET-ELT23	
Projector model / Modèle de projecteur / プロジェクター品番				PT-MW730 / PT-MW630 / PT-MW530	PT-EW730
SD	SH	SW	H		
1.016 (40")	0.538	0.862	0.27	-0.09 - 0.63	-0.05 - 0.59
1.270 (50")	0.673	1.077	0.34	-0.11 - 0.79	-0.07 - 0.74
1.524 (60")	0.808	1.292	0.40	-0.14 - 0.95	-0.08 - 0.89
1.778 (70")	0.942	1.508	0.47	-0.16 - 1.10	-0.09 - 1.04
2.032 (80")	1.077	1.723	0.54	-0.18 - 1.26	-0.11 - 1.18
2.286 (90")	1.212	1.939	0.61	-0.21 - 1.42	-0.12 - 1.33
2.540 (100")	1.346	2.154	0.67	-0.23 - 1.58	-0.13 - 1.48
3.048 (120")	1.615	2.585	0.81	-0.27 - 1.89	-0.16 - 1.78
3.810 (150")	2.019	3.231	1.01	-0.34 - 2.36	-0.20 - 2.22
5.080 (200")	2.692	4.308	1.35	-0.46 - 3.15	-0.27 - 2.96
6.350 (250")	3.365	5.385	1.68	-0.57 - 3.94	-0.34 - 3.70
7.620 (300")	4.039	6.462	2.02	-0.69 - 4.73	-0.40 - 4.44
8.890 (350")	4.712	7.539	2.36	-0.80 - 5.51	-0.47 - 5.18
10.160 (400")	5.385	8.616	2.69	-0.92 - 6.30	-0.54 - 5.92

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 type / Type d'objectif / レンズタイプ			Fixed focus lens / Objectif à mise au point fixe / 固定焦点レンズ	Zoom lens / Objectif zoom / ズームレンズ					
Lens model / Modèle d'objectif / 投写レンズ品番			ET-ELW21	ET-ELW20		ET-ELT22		ET-ELT23	
Throw ratio / Rapport de projection / スローレシオ			0.775:1	1.23 - 1.68:1		2.76 - 4.54:1		4.50 - 7.21:1	
SD	SH	SW	L (Fixed / Fixe / 固定)	LW	LT	LW	LT	LW	LT
1.016 (40")	0.498	0.886	0.66	1.06	1.46	2.39	3.96	3.87	6.28
1.270 (50")	0.623	1.107	0.84	1.34	1.84	3.01	4.98	4.90	7.90
1.524 (60")	0.747	1.328	1.01	1.62	2.22	3.64	6.00	5.92	9.52
1.778 (70")	0.872	1.550	1.19	1.90	2.60	4.26	7.02	6.94	11.15
2.032 (80")	0.996	1.771	1.37	2.18	2.98	4.89	8.04	7.96	12.77
2.286 (90")	1.121	1.992	1.55	2.46	3.36	5.51	9.06	8.98	14.39
2.540 (100")	1.245	2.214	1.73	2.74	3.74	6.14	10.08	10.00	16.01
3.048 (120")	1.494	2.657	2.09	3.30	4.50	7.39	12.12	12.05	19.26
3.810 (150")	1.868	3.321	2.62	4.14	5.64	9.27	15.18	15.11	24.13
5.080 (200")	2.491	4.428	3.52	5.53	7.53	12.39	20.27	20.22	32.24
6.350 (250")	3.113	5.535	4.41	6.93	9.43	15.52	25.37	25.33	40.35
7.620 (300")	3.736	6.641	5.30	8.33	11.33	18.64	30.46	30.44	48.47
8.890 (350")	4.358	7.748	6.19	9.72	13.22	21.77	35.56	35.55	56.58
10.160 (400")	4.981	8.855	7.09	11.12	15.12	24.90	40.66	40.66	64.69

Lens model / Modèle d'objectif / 投写レンズ品番			ET-ELW21 (Fixed / Fixe / 固定)	ET-ELW20 / ET-ELT22 / ET-ELT23	
Projector model / Modèle de projecteur / プロジェクター品番				PT-MW730 / PT-MW630 / PT-MW530	PT-EW730
SD	SH	SW	H		
1.016 (40")	0.498	0.886	0.25	-0.12 - 0.62	-0.05 - 0.55
1.270 (50")	0.623	1.107	0.31	-0.15 - 0.77	-0.06 - 0.68
1.524 (60")	0.747	1.328	0.37	-0.18 - 0.93	-0.07 - 0.82
1.778 (70")	0.872	1.550	0.44	-0.21 - 1.08	-0.09 - 0.96
2.032 (80")	0.996	1.771	0.50	-0.24 - 1.24	-0.10 - 1.10
2.286 (90")	1.121	1.992	0.56	-0.27 - 1.39	-0.11 - 1.23
2.540 (100")	1.245	2.214	0.62	-0.30 - 1.55	-0.12 - 1.37
3.048 (120")	1.494	2.657	0.75	-0.37 - 1.86	-0.15 - 1.64
3.810 (150")	1.868	3.321	0.93	-0.46 - 2.32	-0.19 - 2.05
5.080 (200")	2.491	4.428	1.25	-0.61 - 3.10	-0.25 - 2.74
6.350 (250")	3.113	5.535	1.56	-0.76 - 3.87	-0.31 - 3.42
7.620 (300")	3.736	6.641	1.87	-0.91 - 4.65	-0.37 - 4.11
8.890 (350")	4.358	7.748	2.18	-1.07 - 5.42	-0.44 - 4.79
10.160 (400")	4.981	8.855	2.49	-1.22 - 6.20	-0.50 - 5.48

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 type / Type d'objectif / レンスタイプ			Fixed focus lens / Objectif à mise au point fixe / 固定焦点レンズ	Zoom lens / Objectif zoom / ズームレンズ					
Lens model / Modèle d'objectif / 投写レンズ品番			ET-ELW21	ET-ELW20		ET-ELT22		ET-ELT23	
Throw ratio / Rapport de projection / スローレシオ			0.933:1	1.48 - 2.02:1		3.32 - 5.46:1		5.41 - 8.67:1	
SD	SH	SW	L (Fixed / Fixe / 固定)	LW	LT	LW	LT	LW	LT
1.016 (40")	0.610	0.813	0.73	1.18	1.62	2.64	4.38	4.29	6.94
1.270 (50")	0.762	1.016	0.93	1.48	2.04	3.33	5.50	5.41	8.73
1.524 (60")	0.914	1.219	1.12	1.79	2.45	4.02	6.62	6.54	10.51
1.778 (70")	1.067	1.422	1.32	2.10	2.87	4.71	7.75	7.67	12.30
2.032 (80")	1.219	1.626	1.52	2.41	3.29	5.40	8.87	8.79	14.09
2.286 (90")	1.372	1.829	1.71	2.71	3.71	6.08	9.99	9.92	15.87
2.540 (100")	1.524	2.032	1.91	3.02	4.12	6.77	11.11	11.04	17.66
3.048 (120")	1.829	2.438	2.30	3.64	4.96	8.15	13.36	13.29	21.24
3.810 (150")	2.286	3.048	2.89	4.56	6.21	10.22	16.73	16.67	26.60
5.080 (200")	3.048	4.064	3.88	6.10	8.30	13.66	22.34	22.30	35.53
6.350 (250")	3.810	5.080	4.86	7.64	10.39	17.10	27.95	27.92	44.47
7.620 (300")	4.572	6.096	5.85	9.18	12.48	20.55	33.57	33.55	53.40
8.890 (350")	5.334	7.112	6.83	10.72	14.57	23.99	39.18	39.18	62.34
10.160 (400")	6.096	8.128	7.81	12.25	16.66	27.43	44.79	44.80	71.28

Lens model / Modèle d'objectif / 投写レンズ品番			ET-ELW21 (Fixed / Fixe / 固定)	ET-ELW20 / ET-ELT22 / ET-ELT23	
Projector model / Modèle de projecteur / プロジェクター品番				PT-MW730 / PT-MW630 / PT-MW530	PT-EW730
SD	SH	SW	H		
1.016 (40")	0.610	0.813	0.30	-0.10 - 0.71	-0.06 - 0.67
1.270 (50")	0.762	1.016	0.38	-0.13 - 0.89	-0.08 - 0.84
1.524 (60")	0.914	1.219	0.46	-0.16 - 1.07	-0.09 - 1.01
1.778 (70")	1.067	1.422	0.53	-0.18 - 1.25	-0.11 - 1.17
2.032 (80")	1.219	1.626	0.61	-0.21 - 1.43	-0.12 - 1.34
2.286 (90")	1.372	1.829	0.69	-0.23 - 1.60	-0.14 - 1.51
2.540 (100")	1.524	2.032	0.76	-0.26 - 1.78	-0.15 - 1.68
3.048 (120")	1.829	2.438	0.91	-0.31 - 2.14	-0.18 - 2.01
3.810 (150")	2.286	3.048	1.14	-0.39 - 2.67	-0.23 - 2.51
5.080 (200")	3.048	4.064	1.52	-0.52 - 3.57	-0.30 - 3.35
6.350 (250")	3.810	5.080	1.91	-0.65 - 4.46	-0.38 - 4.19
7.620 (300")	4.572	6.096	2.29	-0.78 - 5.35	-0.46 - 5.03
8.890 (350")	5.334	7.112	2.67	-0.91 - 6.24	-0.53 - 5.87
10.160 (400")	6.096	8.128	3.05	-1.04 - 7.13	-0.61 - 6.71

● PT-EX800

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 type / Type d'objectif / レンズタイプ			Fixed focus lens / Objectif à mise au point fixe / 固定焦点レンズ	Zoom lens / Objectif zoom / ズームレンズ					
Lens model / Modèle d'objectif / 投写レンズ品番			ET-ELW21	ET-ELW20		ET-ELT22		ET-ELT23	
Throw ratio / Rapport de projection / スローレシオ			0.776:1	1.23 - 1.69:1		2.77 - 4.56:1		4.51 - 7.24:1	
SD	SH	SW	L (Fixed / Fixe / 固定)	LW	LT	LW	LT	LW	LT
1.016 (40")	0.610	0.813	0.60	0.97	1.35	2.19	3.65	3.56	5.78
1.270 (50")	0.762	1.016	0.77	1.23	1.70	2.77	4.59	4.50	7.27
1.524 (60")	0.914	1.219	0.93	1.49	2.05	3.34	5.53	5.44	8.77
1.778 (70")	1.067	1.422	1.10	1.74	2.40	3.92	6.47	6.38	10.27
2.032 (80")	1.219	1.626	1.26	2.00	2.75	4.50	7.41	7.32	11.77
2.286 (90")	1.372	1.829	1.43	2.26	3.10	5.07	8.35	8.27	13.26
2.540 (100")	1.524	2.032	1.59	2.51	3.45	5.65	9.29	9.21	14.76
3.048 (120")	1.829	2.438	1.92	3.03	4.15	6.80	11.17	11.09	17.75
3.810 (150")	2.286	3.048	2.42	3.80	5.20	8.53	14.00	13.92	22.24
5.080 (200")	3.048	4.064	3.24	5.08	6.95	11.41	18.70	18.63	29.73
6.350 (250")	3.810	5.080	4.07	6.37	8.70	14.30	23.40	23.34	37.21
7.620 (300")	4.572	6.096	4.89	7.65	10.45	17.18	28.11	28.05	44.70
8.890 (350")	5.334	7.112	5.72	8.94	12.20	20.06	32.81	32.76	52.18
10.160 (400")	6.096	8.128	6.54	10.22	13.95	22.94	37.51	37.47	59.67

Lens model / Modèle d'objectif / 投写レンズ品番			ET-ELW21 (Fixed / Fixe / 固定)	ET-ELW20 / ET-ELT22 / ET-ELT23
SD	SH	SW	H	
1.016 (40")	0.610	0.813	0.30	0.00 - 0.61
1.270 (50")	0.762	1.016	0.38	0.00 - 0.76
1.524 (60")	0.914	1.219	0.46	0.00 - 0.91
1.778 (70")	1.067	1.422	0.53	0.00 - 1.07
2.032 (80")	1.219	1.626	0.61	0.00 - 1.22
2.286 (90")	1.372	1.829	0.69	0.00 - 1.37
2.540 (100")	1.524	2.032	0.76	0.00 - 1.52
3.048 (120")	1.829	2.438	0.91	0.00 - 1.83
3.810 (150")	2.286	3.048	1.14	0.00 - 2.29
5.080 (200")	3.048	4.064	1.52	0.00 - 3.05
6.350 (250")	3.810	5.080	1.91	0.00 - 3.81
7.620 (300")	4.572	6.096	2.29	0.00 - 4.57
8.890 (350")	5.334	7.112	2.67	0.00 - 5.33
10.160 (400")	6.096	8.128	3.05	0.00 - 6.10

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 type / Type d'objectif / レンスタイプ			Fixed focus lens / Objectif à mise au point fixe / 固定焦点レンズ	Zoom lens / Objectif zoom / ズームレンズ					
Lens model / Modèle d'objectif / 投写レンズ品番			ET-ELW21	ET-ELW20		ET-ELT22		ET-ELT23	
Throw ratio / Rapport de projection / スローレシオ			0.779:1	1.26 - 1.69:1		2.77 - 4.57:1		4.52 - 7.25:1	
SD	SH	SW	L (Fixed / Fixe / 固定)	LW	LT	LW	LT	LW	LT
1.016 (40")	0.498	0.886	0.66	1.06	1.47	2.40	3.99	3.89	6.31
1.270 (50")	0.623	1.107	0.84	1.40	1.85	3.03	5.01	4.92	7.94
1.524 (60")	0.747	1.328	1.02	1.68	2.23	3.65	6.04	5.95	9.57
1.778 (70")	0.872	1.550	1.20	1.96	2.62	4.28	7.06	6.97	11.21
2.032 (80")	0.996	1.771	1.38	2.24	3.00	4.91	8.09	8.00	12.84
2.286 (90")	1.121	1.992	1.56	2.52	3.38	5.54	9.11	9.02	14.47
2.540 (100")	1.245	2.214	1.74	2.80	3.76	6.17	10.14	10.05	16.10
3.048 (120")	1.494	2.657	2.10	3.36	4.52	7.42	12.18	12.10	19.36
3.810 (150")	1.868	3.321	2.64	4.20	5.67	9.31	15.26	15.18	24.25
5.080 (200")	2.491	4.428	3.54	5.60	7.57	12.45	20.38	20.32	32.41
6.350 (250")	3.113	5.535	4.44	7.00	9.48	15.59	25.51	25.45	40.56
7.620 (300")	3.736	6.641	5.33	8.40	11.39	18.73	30.63	30.58	48.72
8.890 (350")	4.358	7.748	6.23	9.80	13.29	21.87	35.75	35.71	56.87
10.160 (400")	4.981	8.855	7.13	11.20	15.20	25.01	40.88	40.84	65.03

Lens model / Modèle d'objectif / 投写レンズ品番			ET-ELW21 (Fixed / Fixe / 固定)	ET-ELW20 / ET-ELT22 / ET-ELT23
SD	SH	SW	H	
1.016 (40")	0.498	0.886	0.25	-0.08 - 0.58
1.270 (50")	0.623	1.107	0.31	-0.10 - 0.73
1.524 (60")	0.747	1.328	0.37	-0.12 - 0.87
1.778 (70")	0.872	1.550	0.44	-0.15 - 1.02
2.032 (80")	0.996	1.771	0.50	-0.17 - 1.16
2.286 (90")	1.121	1.992	0.56	-0.19 - 1.31
2.540 (100")	1.245	2.214	0.62	-0.21 - 1.45
3.048 (120")	1.494	2.657	0.75	-0.25 - 1.74
3.810 (150")	1.868	3.321	0.93	-0.31 - 2.18
5.080 (200")	2.491	4.428	1.25	-0.42 - 2.91
6.350 (250")	3.113	5.535	1.56	-0.52 - 3.63
7.620 (300")	3.736	6.641	1.87	-0.62 - 4.36
8.890 (350")	4.358	7.748	2.18	-0.73 - 5.08
10.160 (400")	4.981	8.855	2.49	-0.83 - 5.81

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 2.03 m (80").

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 2,03 m (80").

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。
- スローレンゾは、投写画面サイズ 80 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。

- 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。

● PT-MZ770 / PT-MZ670 / PT-MZ570 / PT-EZ770

(Unit / Unités / 単位 : m)

		L	
		LW	LT
ET-ELW21	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	$= 0.6763 \times SD - 0.0577$	
	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	$= 0.6951 \times SD - 0.0577$	
	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	$= 0.7656 \times SD - 0.0577$	
ET-ELW20	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	$= 1.0557 \times SD - 0.0555$	$= 1.4374 \times SD - 0.0534$
	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	$= 1.0851 \times SD - 0.0555$	$= 1.4774 \times SD - 0.0534$
	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	$= 1.1952 \times SD - 0.0555$	$= 1.6273 \times SD - 0.0534$
ET-ELT22	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	$= 2.3662 \times SD - 0.1140$	$= 3.8583 \times SD - 0.1129$
	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	$= 2.4320 \times SD - 0.1140$	$= 3.9656 \times SD - 0.1129$
	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	$= 2.6788 \times SD - 0.1140$	$= 4.3680 \times SD - 0.1129$
ET-ELT23	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	$= 3.8667 \times SD - 0.2123$	$= 6.1416 \times SD - 0.2108$
	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	$= 3.9742 \times SD - 0.2123$	$= 6.3123 \times SD - 0.2108$
	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	$= 4.3775 \times SD - 0.2123$	$= 6.9529 \times SD - 0.2108$

		L	
		LW	LT
ET-ELW21	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	$= 0.6842 \times SD - 0.0572$	
	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	$= 0.7032 \times SD - 0.0572$	
	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	$= 0.7746 \times SD - 0.0572$	
ET-ELW20	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	$= 1.0702 \times SD - 0.0554$	$= 1.4530 \times SD - 0.0534$
	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	$= 1.1000 \times SD - 0.0554$	$= 1.4934 \times SD - 0.0534$
	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	$= 1.2116 \times SD - 0.0554$	$= 1.6449 \times SD - 0.0534$
ET-ELT22	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	$= 2.3952 \times SD - 0.1139$	$= 3.9041 \times SD - 0.1128$
	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	$= 2.4617 \times SD - 0.1139$	$= 4.0126 \times SD - 0.1128$
	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	$= 2.7115 \times SD - 0.1139$	$= 4.4197 \times SD - 0.1128$
ET-ELT23	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	$= 3.9138 \times SD - 0.2127$	$= 6.2152 \times SD - 0.2107$
	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	$= 4.0226 \times SD - 0.2127$	$= 6.3880 \times SD - 0.2107$
	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	$= 4.4307 \times SD - 0.2127$	$= 7.0361 \times SD - 0.2107$

		L	
		LW	LT
ET-ELW21	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	$= 0.6496 \times SD - 0.0585$	
	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	$= 0.7078 \times SD - 0.0585$	
ET-ELW20	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	$= 1.0118 \times SD - 0.0558$	$= 1.3780 \times SD - 0.0540$
	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	$= 1.1024 \times SD - 0.0558$	$= 1.5013 \times SD - 0.0540$
ET-ELT22	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	$= 2.2693 \times SD - 0.1142$	$= 3.7032 \times SD - 0.1129$
	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	$= 2.4724 \times SD - 0.1142$	$= 4.0346 \times SD - 0.1129$
ET-ELT23	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	$= 3.7091 \times SD - 0.2132$	$= 5.8937 \times SD - 0.2109$
	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	$= 4.0339 \times SD - 0.2132$	$= 6.4212 \times SD - 0.2109$

Panasonic Projector & Display Corporation

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