

■ Specifications

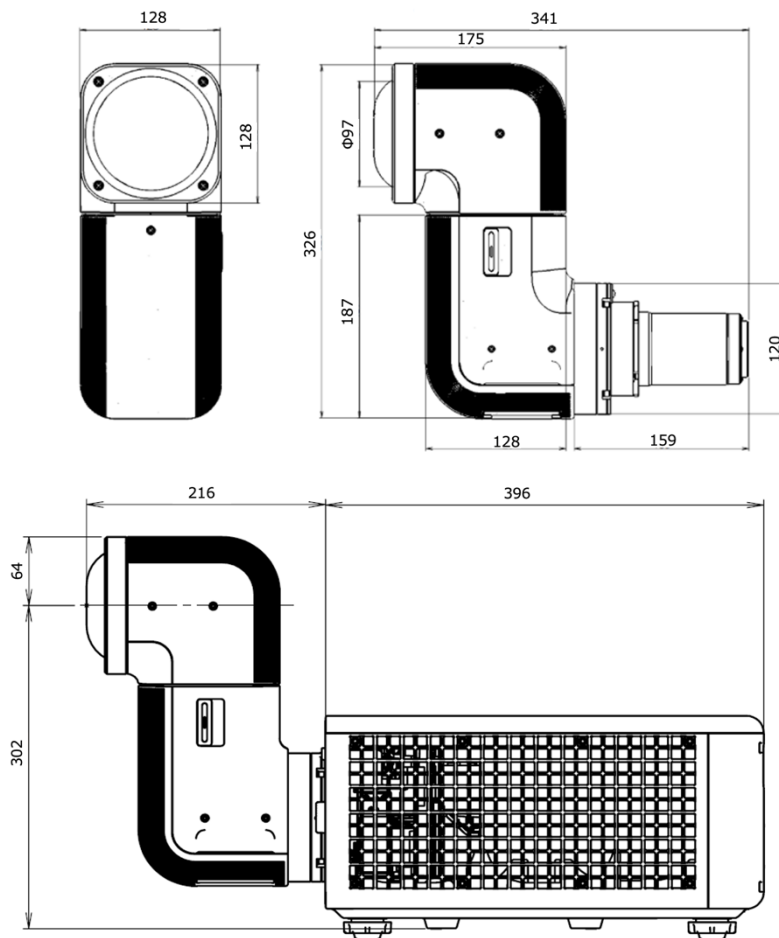
• Product specifications and appearance are subject to change without advance notice.

<b>Model name</b>		<b>FP-ZL034</b>
Lens shift		Electrical: Vertical $\pm 60\%$ , Horizontal $\pm 30\%$
Optical zoom		Electrical: x1.0-x1.2
Throw ratio(TR)* <sup>1</sup>		0.34 (Wide)-0.41 (Telephoto)
Focal length		f=6.0 mm (Wide)-7.2 mm (Telephoto)
F No.		F2.2 (Wide)-F2.41 (Telephoto)
Keystone correction range		Vertical $\pm 5^\circ$ / Horizontal $\pm 5^\circ$
Projected image size (Optical)		100-400 inches
Projected image size (Mechanical)* <sup>2</sup>		80-1000 inches
Dimensions		128 mm (W) x 341 mm (L)
Weight		Approx. 4.5 kg (9.9 lb) Approx. 5.0 kg (11.0 lb) [incl. 0.5 kg (1.1 lb) lens adapter]
Operating environment	Operating temperature	0-40 °C (32-104 °F)
	Storage temperature	-20-60 °C (-4-140 °F)
Accessories included		Front lens cover
		Rear lens cover
		Instruction manual
Lens adaptor		Required
Applicable projector		FP-ZUH12000

\*1 Throw ratio is the throw distance divided by the screen width.

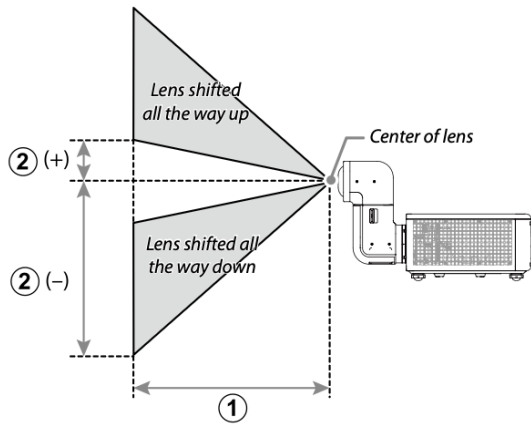
\*2 When projecting beyond the "Projected image size (Optical)," the specified resolution may not be achieved across the entire screen, even after focus adjustment for a specific area.

■ Dimensions

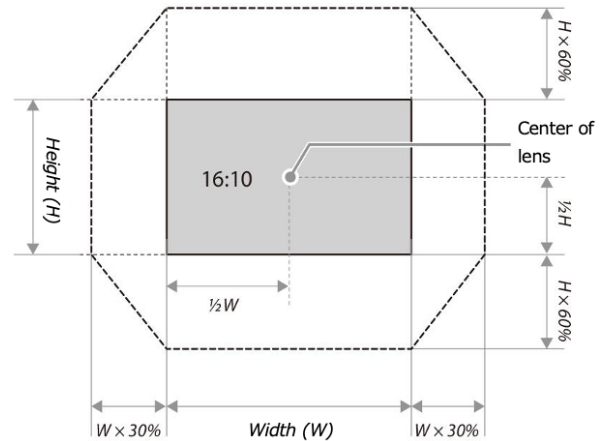


Unit: mm

■ Projection distance



■ Lens shift range



■ Projection distance tables

- Figures are approximate, differing from the actual values by a few percent.
- More details on projection distance are available via a simulator on the Fujifilm website.

<https://optics.fujifilm.com/projector/simulator/zuh12000/en.html>

[Screen aspect ratio 16:10]

Projection lens Model No.		FP-ZL034					
Throw ratio(TR)*1		0.34 - 0.41					
Screen dimensions (16:9)		①Projection distance (cm/in)			②Vertical shift (cm/in)		
Diagonal (in)	W (cm/in) × H (cm/in)	Min. - Max. Zoom		Low - High			
		80	172 × 108 67.8 × 42.4	57 - 27.3	69 - 27.3	-118 - -46.6	+11 - +4.2
90	194 × 121 76.3 × 47.7	65 - 25.5	78 - 30.8	-133 - -52.5	+12 - +4.8		
100	215 × 135 84.8 × 53.0	72 - 28.4	87 - 34.4	-148 - -58.3	+13 - +5.3		
120	258 × 162 101.8 × 63.6	87 - 34.3	105 - 41.4	-178 - -70.0	+16 - +6.4		
150	323 × 202 127.2 × 79.5	110 - 43.2	132 - 52.0	-222 - -87.4	+20 - +7.9		
180	388 × 242 152.6 × 95.4	132 - 52.0	159 - 62.6	-267 - -104.9	+24 - +9.5		
200	431 × 269 169.6 × 106.0	147 - 57.9	177 - 69.7	-296 - -116.6	+27 - +10.6		
250	538 × 337 212.0 × 132.5	185 - 72.7	222 - 87.4	-370 - -145.7	+34 - +13.2		
300	646 × 404 254.4 × 159.0	222 - 87.4	267 - 105.1	-444 - -174.9	+40 - +15.9		
350	754 × 471 296.8 × 185.5	259 - 102.1	312 - 122.7	-518 - -204.0	+47 - +18.5		
400	862 × 539 339.2 × 212.0	297 - 116.9	357 - 140.4	-592 - -233.2	+54 - +21.2		

[Screen aspect ratio 16:9]

Projection lens Model No.		FP-ZL034					
Throw ratio(TR)*1		0.34 - 0.41					
Screen dimensions (16:9)		①Projection distance (cm/in)			②Vertical shift (cm/in)		
Diagonal (in)	W (cm/in) × H (cm/in)	Min. - Max. Zoom		Low - High			
		80	177 × 100 69.7 × 39.2	59 - 23.2	71 - 28.1	-116 - -45.8	+17 - +6.5
90	199 × 112 78.4 × 44.1	67 - 26.2	81 - 31.7	-131 - -51.5	+19 - +7.4		
100	221 × 125 87.2 × 49.0	74 - 29.2	90 - 35.3	-145 - -57.2	+21 - +8.2		
120	266 × 149 104.6 × 58.8	90 - 35.3	108 - 42.6	-174 - -68.6	+25 - +9.8		
150	332 × 187 130.7 × 73.5	113 - 44.4	136 - 53.5	-218 - -85.8	+31 - +12.3		
180	398 × 224 156.9 × 88.2	136 - 53.5	164 - 64.4	-262 - -103.0	+37 - +14.7		
200	443 × 249 174.3 × 98.1	151 - 59.5	182 - 71.7	-291 - -114.4	+42 - +16.3		
250	553 × 311 217.9 × 122.6	190 - 74.7	228 - 89.8	-363 - -143.0	+52 - +20.4		
300	664 × 374 261.5 × 147.1	228 - 89.8	274 - 108.0	-436 - -171.6	+62 - +24.5		
350	775 × 436 305.0 × 171.6	267 - 105.0	320 - 126.1	-508 - -200.2	+73 - +28.6		
400	886 × 498 348.6 × 196.1	305 - 120.1	367 - 144.3	-581 - -228.8	+83 - +32.7		

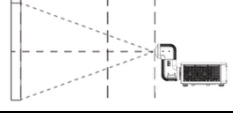
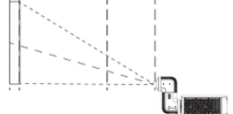
**[Screen aspect ratio 4:3]**

Projection lens Model No.			FP-ZL034			
Throw ratio(TR)*1			0.34 - 0.41			
Screen dimensions (16:9)			①Projection distance (cm/in)		②Vertical shift (cm/in)	
Diagonal (in)	W (cm/in) × H (cm/in)		Min. Zoom	Max. Zoom	Low	High
80	163 × 122 64.0 × 48.0		65 25.7	79 31.0	-134 -52.8	+12 +4.8
90	183 × 137 72.0 × 54.0		74 29.0	89 35.0	-151 -59.4	+14 +5.4
100	203 × 152 80.0 × 60.0		82 32.3	99 39.0	-168 -66.0	+15 +6.0
120	244 × 183 96.0 × 72.0		99 39.0	119 47.0	-201 -79.2	+18 +7.2
150	305 × 229 120.0 × 90.0		124 49.0	150 59.0	-251 -99.0	+23 +9.0
180	366 × 274 144.0 × 108.0		150 59.0	180 71.0	-302 -118.8	+27 +10.8
200	406 × 305 160.0 × 120.0		167 65.7	201 79.0	-335 -132.0	+30 +12.0
250	508 × 381 200.0 × 150.0		209 82.4	251 99.0	-419 -165.0	+38 +15.0
300	610 × 457 240.0 × 180.0		252 99.0	302 119.0	-503 -198.0	+46 +18.0
350	711 × 533 280.0 × 210.0		294 115.7	353 139.0	-587 -231.0	+53 +21.0
400	813 × 610 320.0 × 240.0		336 132.4	404 159.0	-671 -264.0	+61 +24.0

※1 Figures are approximate, differing from the actual values by a few percent.

■ **Geometric Correction Range**

Figures are approximations and may vary from the actual values by a few percent. Adjustments to focus may fail to produce the desired results at higher values.

Lens shift position	Keystone correction		Screen curvature correction			
	(1) Horizontal Correction angle "A"	(2) Vertical Correction angle "B"	(3) Concave horizontal Minimum R/L value	(4) Concave vertical Minimum R/L value	(5) Convex horizontal Minimum R/L value	(6) Convex vertical Minimum R/L value
V±0% vertical (V), ±0% horizontal (H) 	±5°	±5°	1.50	1.41	4.73	2.14
V+50% vertical (V), ±0% horizontal (H) 	-	-	5.45	2.14	6.82	3.73

