■ Specifications

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

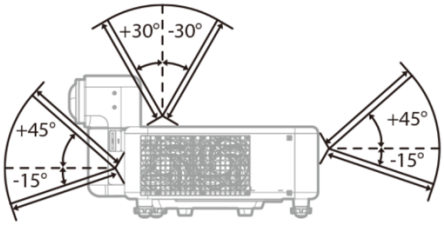
Model name			FP-ZUH6000	
DLP®chip		Size	0.65 in, 16:9 aspect ratio	
		Display method	1 Chip DLP®	
		Number of pixels	2,073,600 pixels (1920 x 1080)	
Lens		Type	Folded two-axial rotatable lens	
		Shift	Electrical: Vertical ±82%, Horizontal ±35%	
		Zoom	Electrical: x1.0-x1.1	
		Throw ratio(TR)*1	0.34 (Wide)-0.37 (Telephoto)	
		Focal length	f=5.0mm (Wide)-5.5mm (Telephoto)	
		F No.	F2.3 (Wide)-F2.39 (Telephoto)	
Keystone correction range			Vertical ±5°/ Horizontal ±5°	
Light source			Laser diode	
Brightnes [ANSI lm*2]			6,000lm	
Light source life*3			Up to about 20,000 hours	
Contrast ratio*4			12,000:1	
Projected image size			70-300 inches	
Maximum display resolution(WxH)			4K 3840 x 2160 (4K mode ON)	
Terminals	Video IN	HDMI® 1	TypeA	HDMI® 2.0 (Compatible with HDCP 2.2)
		HDMI® 2	TypeA	HDMI® 2.0 (Compatible with HDCP 2.2)
		HDBaseT™	RJ-45	for video/audio/connection control
	Video OUT	HDMI®	TypeA	HDMI® 2.0 (Compatible with HDCP 2.2)
	Control IN/OUT	LAN	RJ-45	for network connection (10BASE-T/100Base-TX)
		HDBaseT™	RJ-45	for projector connection control
		RS-232C	D-Sub 9Pin	for projector connection control
	Audio OUT	AUDIO OUT	M3.5mm stereo mini jack	
	Remote IN	REMOTE	M3.5mm stereo mini jack	for wired remote control
	Others	USB 1	TypeA	DC 5V 1.5A(Max)
		USB 2	TypeB	for maintenance
Power supply			AC 100-120V, AC 220-240V 50/60Hz	
Power consumption		Maximum	650W	
		Normal	560W	
		Eco	285W	
		Standby	Approx.0.5W	
		Network standby	Approx.8.0W	
Dimensions			486mm (W) x 496mm (D) x 175mm (H) (Excluding adjustable feet and protruding parts)	
Weight			Approx.17.5kg(38.6lb)	
Noise level*5		Normal	36dB	
		Eco	34dB	
Operation enviroment		Operating temperature	0-40℃ (32-104°F)	
		Operating humidity	10-85% (without condensation)	
		Storage temperature	-20-60℃ (-4-140°F)	
Accessories included			Power cord 3.0m (9.8ft)	
			Lens cap	
			Remote control unit	
			Remote control battery (AAA type x2)	
			Basic manual	

*1 The “throw ratio” is the throw distance divided by the screen width.
*2 The average value for this model at shipment, according to ANSI standards.
*3 The estimated time taken for brightness to drop by half. Varies with the operating environment and conditions of use.
*4 Assumes that dynamic black is on.
*5 Noise measurement follows ISO 7779.

■Remote control unit

Model name	FPA-RC3
Power supply	DC3V (AAA type x2)
Receiving angle	Top ±30°. Front and Rear -15°-+45°
Receiving distance	Approx.12.0 m (39.4ft)
Dimensions	45 x 200 x 20mm (1.8 x 7.8 x 0.8in)
Weight	Approx.87g (0.19 lb) (without battery)

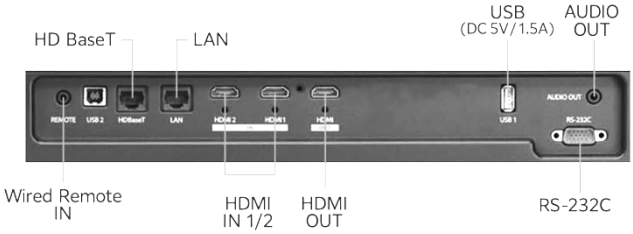
■Remote control receiving range



■Software

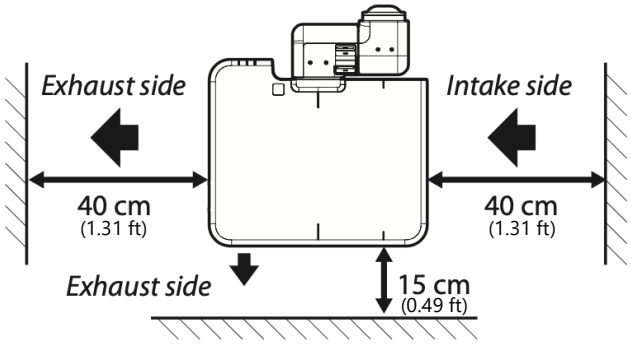
・Warping and Blending Tool for FP-ZUH series (Windows OS) : For setting Geometric correction/Edge blending functions.
・FUJIFILM PROJECTOR MANAGEMENT TOOL : For management and controls FUJIFILM PROJECTOR products from using a network. Use the PJLINK commando to control projectors. The FP-ZUH6000 does not support status and remote-control functions.

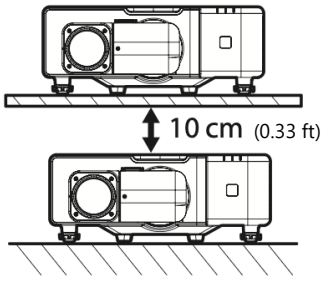
■Terminals



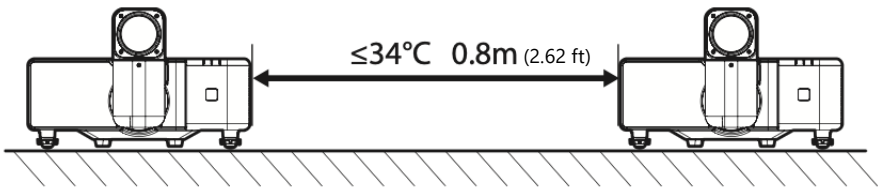
■Notes on projector installation

・When installing the projector, choose a location where the vents will be a safe distance from walls or other obstructions. When installing units one above another, for example on shelves, leave no less than approximately 10 cm (0.33 ft) between the shelves and the wall.
・When installing two or more projectors side-by-side, Please maintain installation spacing suitable for the environmental temperature (the ambient temperature). You will also need to ensure that the warm air from the exhaust vent does not enter any of the projectors 'intake vents.
・Do not obstruct the vents. The build-up of heat inside the projector could cause fire.
・After startup, the image will shift a few pixels until the temperature of the lens is stabilized by the laser source; please check after 30 minutes to 1 hour. Also, do not adjust (readjust) the blending until it stabilizes. If the projector is installed in a location where heat builds up, the image may become unstable. Please ensure that the installation meets the following conditions.





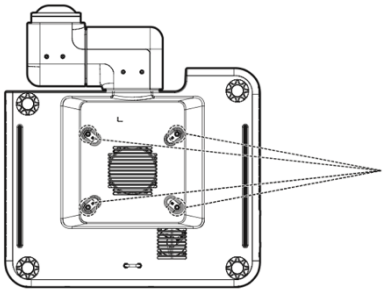
Environmental temperature (Ambient temperature)	Installation spacing
≤34℃	0.8m≤ (2.62 ft)
≤36℃	1.0m≤ (3.28 ft)
≤40℃	2.0m≤ (6.56 ft)



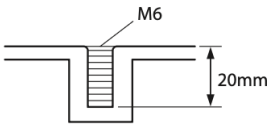
■Ceiling Mount Installation Precautions

・When suspending the projector from the ceiling, be sure to use the specified ceiling mount.
・When installing the projector, attach the drop-prevention kit included with the ceiling mount. Refer to your dealer if you require a drop-prevention kit.
・Ceiling installations should be performed only by qualified technicians.
・See the ceiling mount installation instructions for details.

Ceiling Mount Screw Specifications



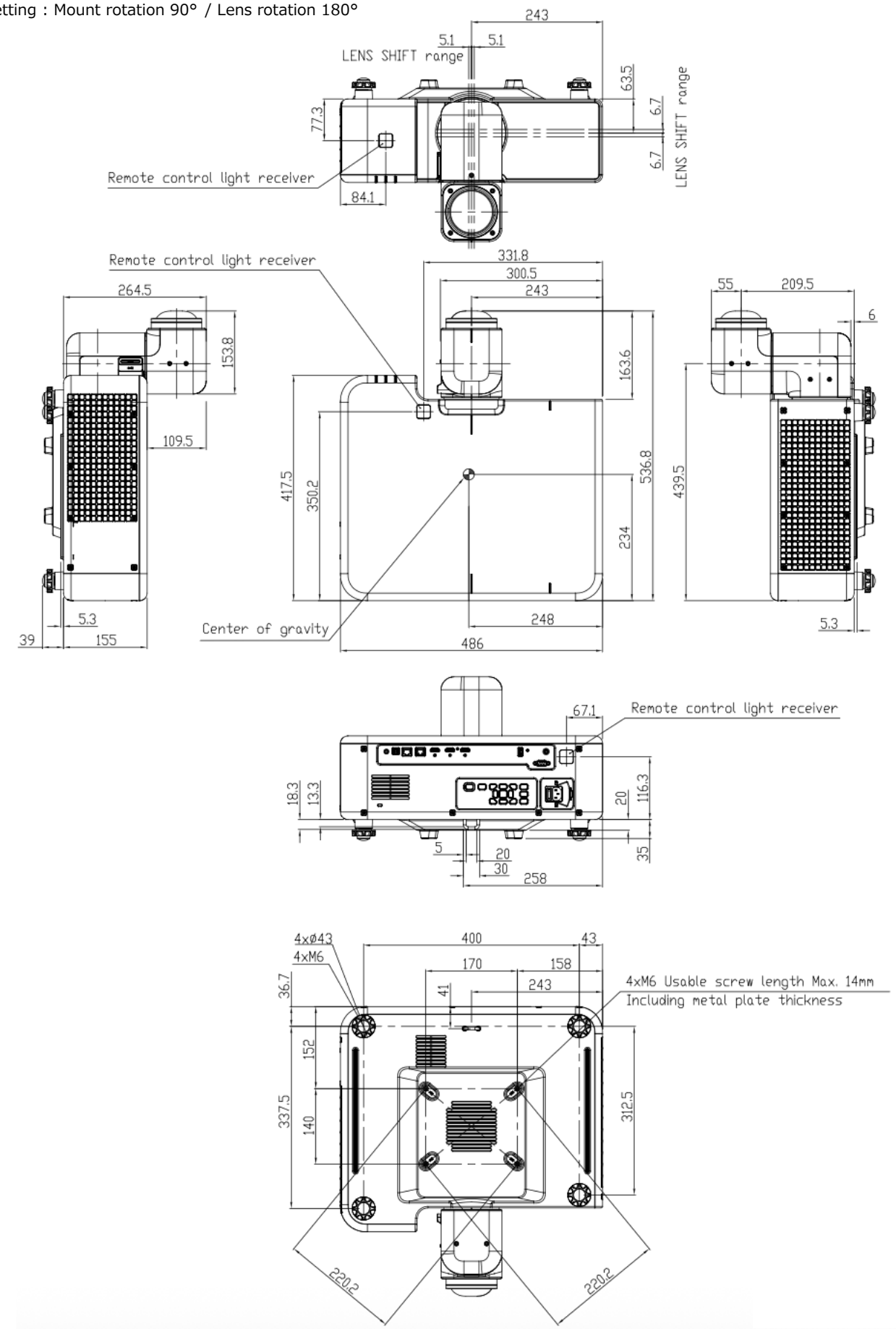
Bottom



Screw tightening torque: 4.0 ± 0.5 N･m

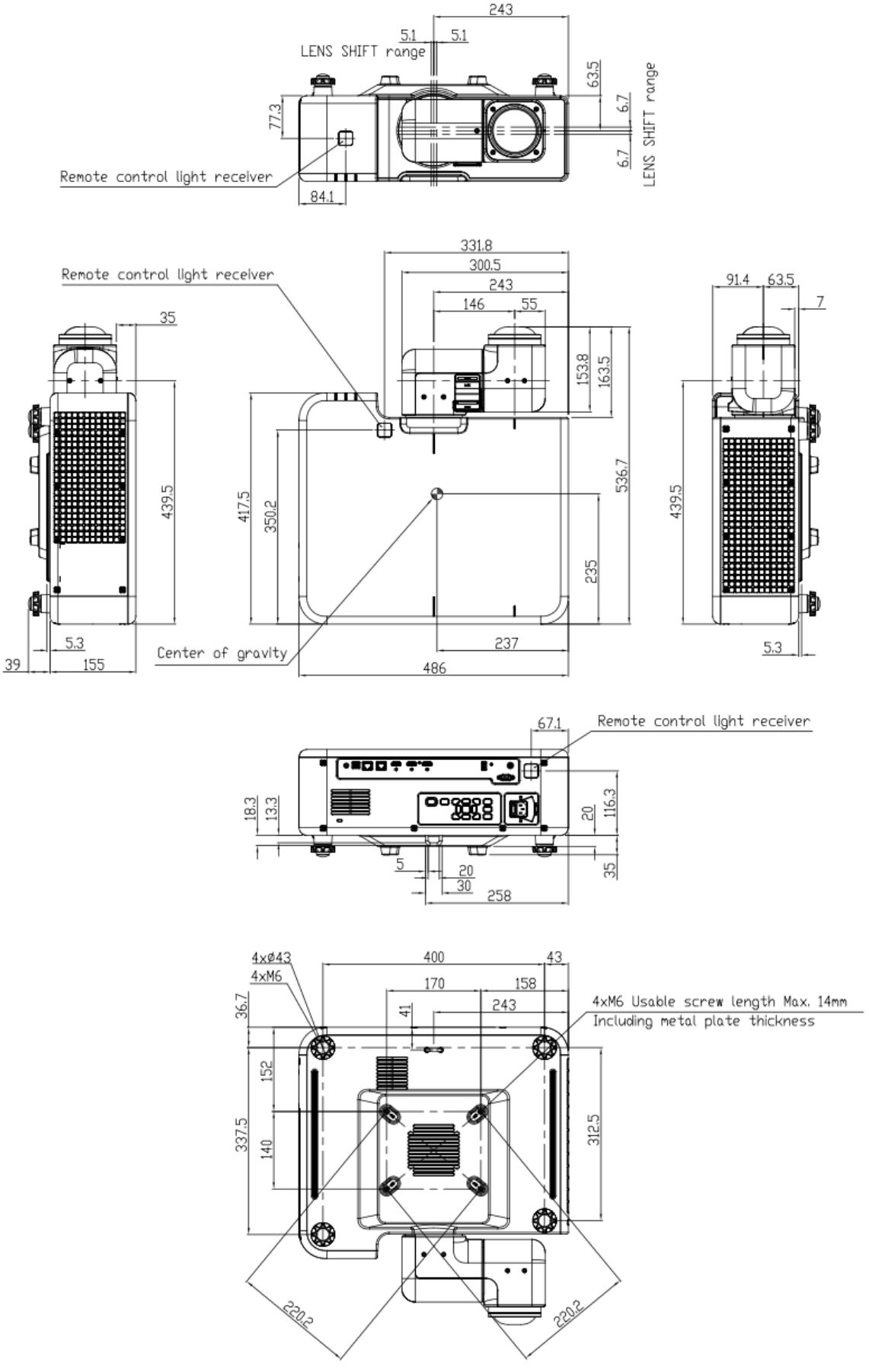
■Dimensions1

Lens setting : Mount rotation 90° / Lens rotation 180°



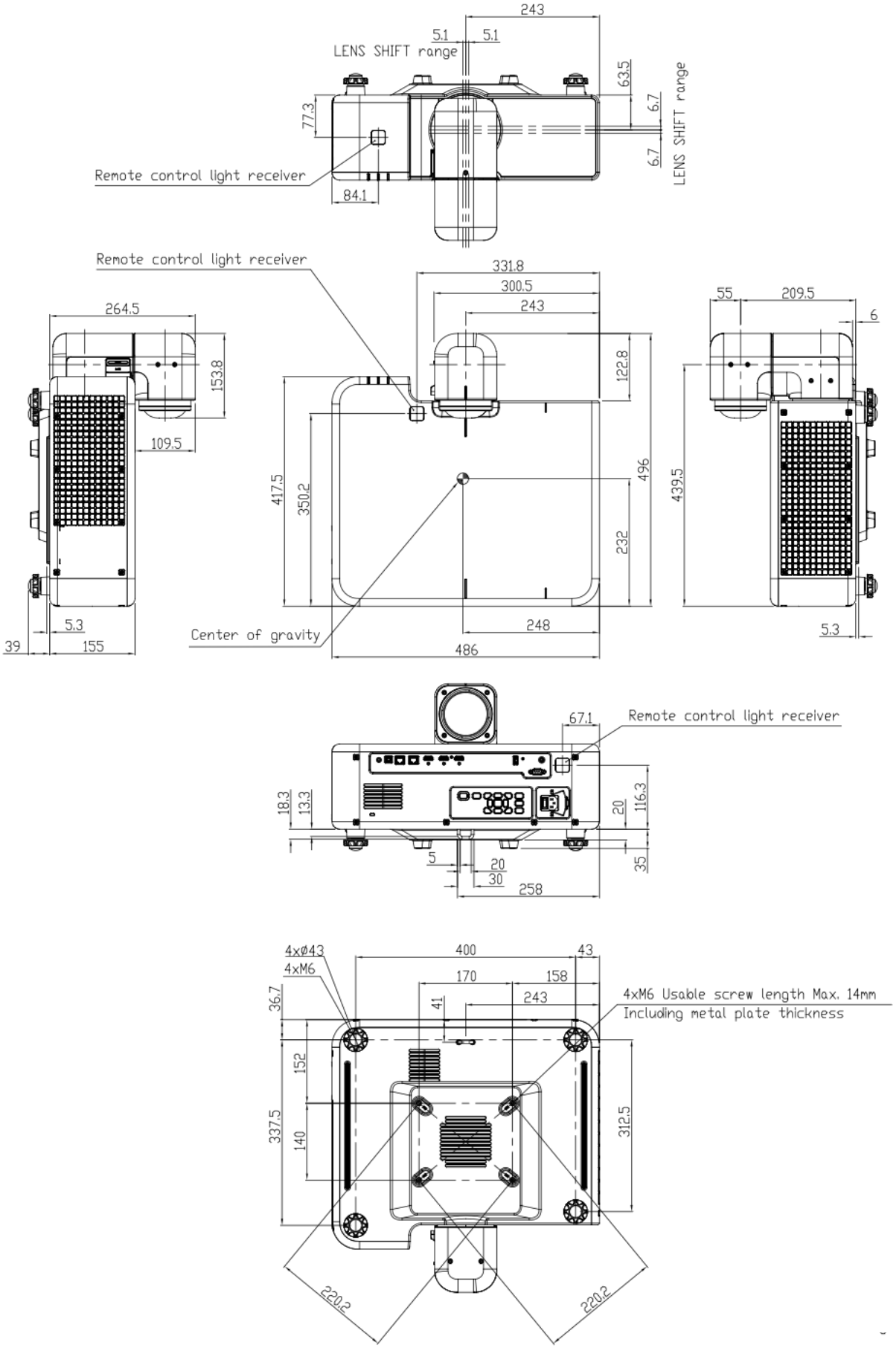
■Dimensions2

Lens setting : Mount rotation 0° / Lens rotation 180°



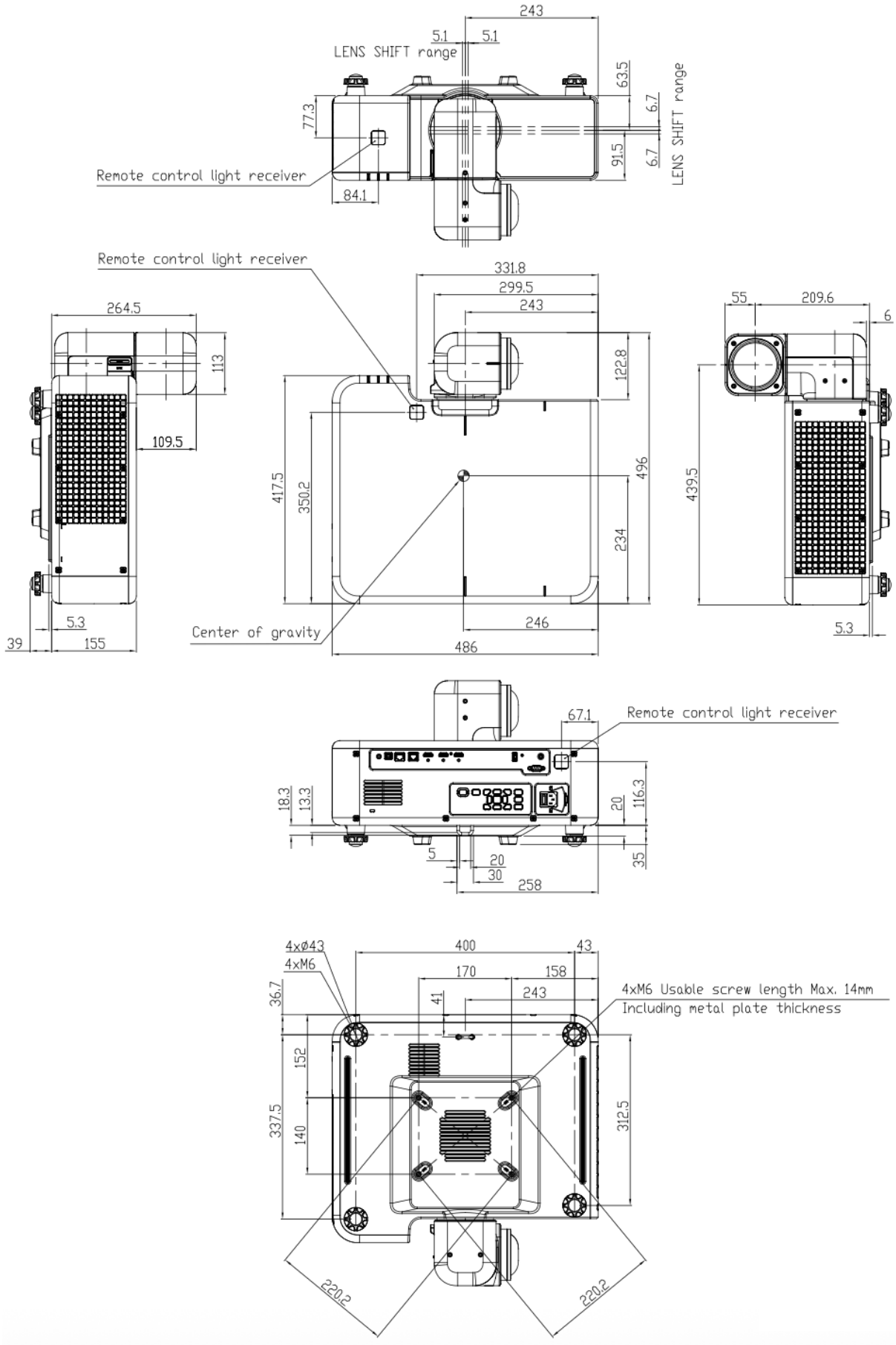
■Dimensions3

Lens setting : Mount rotation 90° / Lens rotation 0°



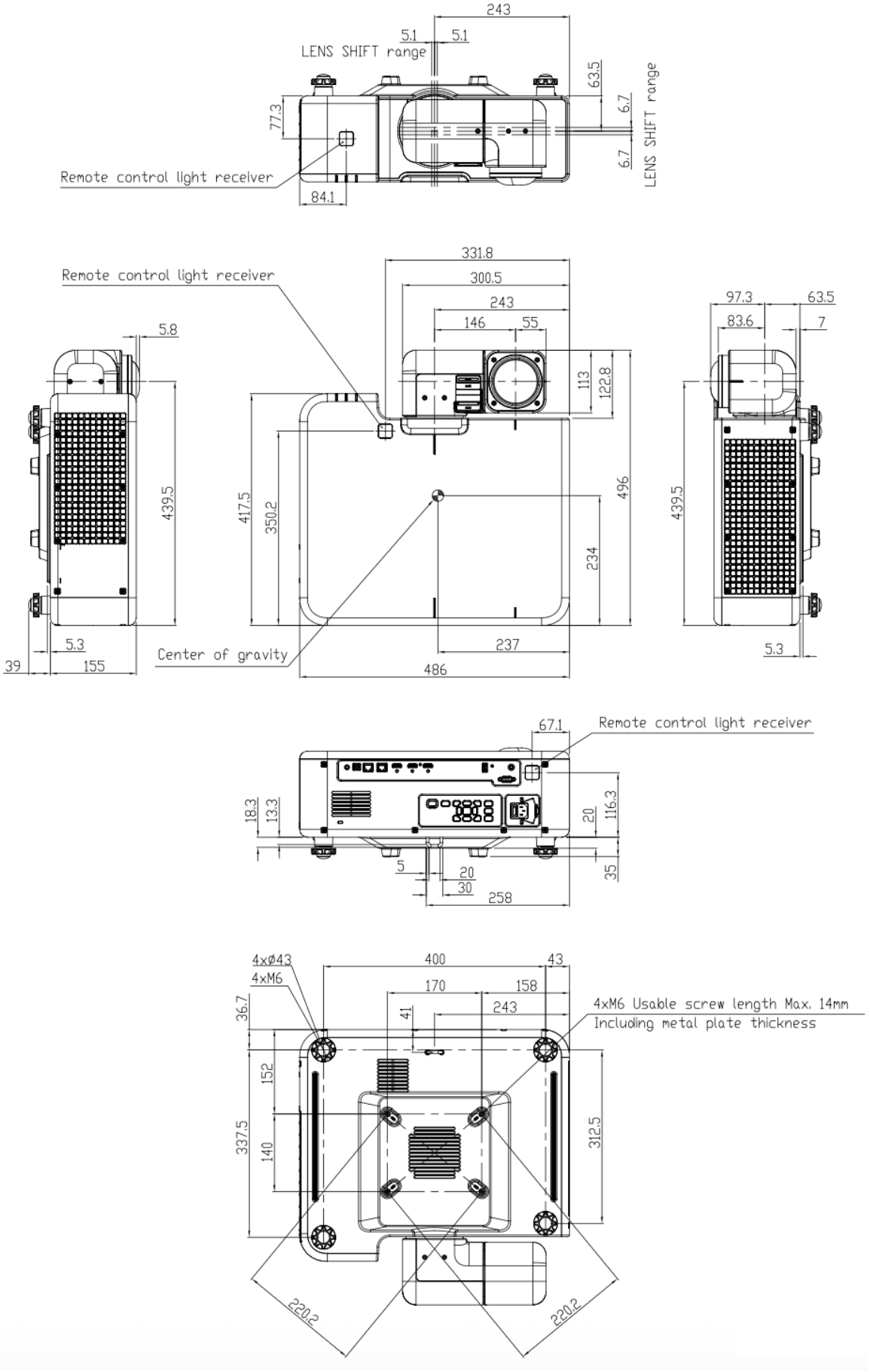
■Dimensions4

Lens setting : Mount rotation 90° / Lens rotation 270°



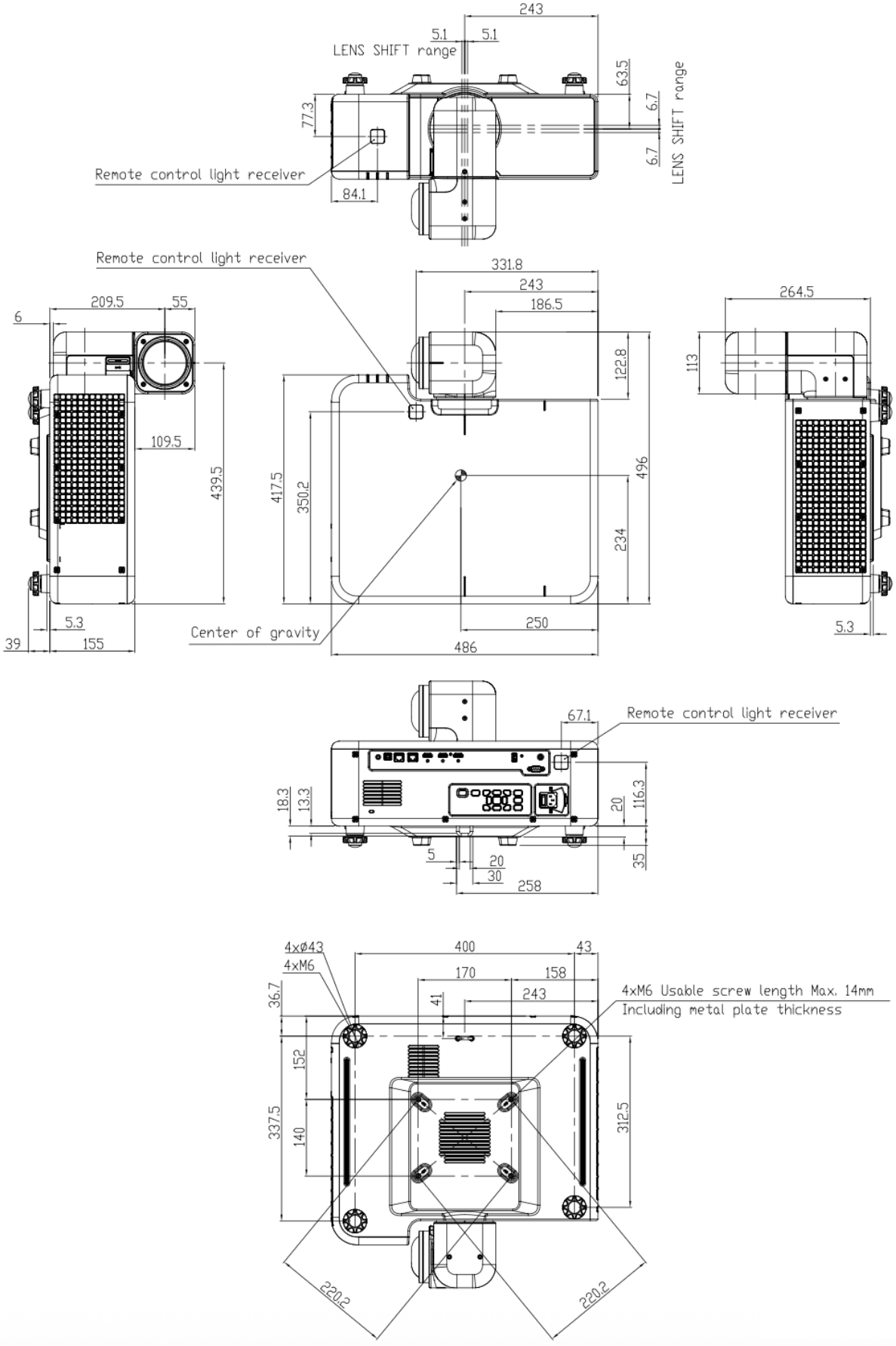
■Dimensions5

Lens setting : Mount rotation 0° / Lens rotation 90°



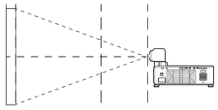
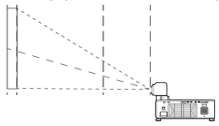
■Dimensions6

Lens setting : Mount rotation 90° / Lens rotation 90°



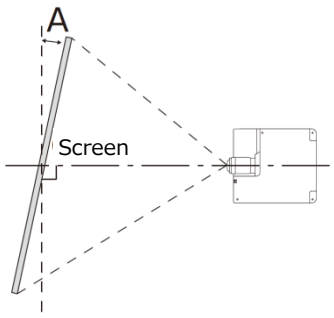
■Geometric Correction Range

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.

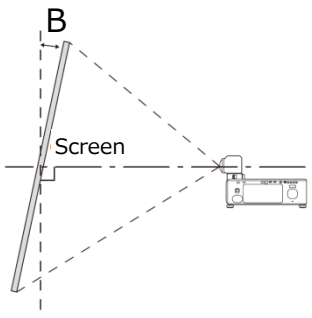
	Keystone correction*1		Screen curvature correction*2			
	(1) Horizontal	(2) Vertical	(3) Concave horizontal	(4) Concave vertical	(5) Convex horizontal	(6) Convex vertical
Lens shift position	Correction angle "A"	Correction angle "B"	Minimum R/L value	Minimum R/L value	Minimum R/L value	Minimum R/L value
V±0% vertical (V), ±0% horizontal (H) 	±5°	±5°	1.10	0.73	4.83	1.86
V+50% vertical (V), ±0% horizontal (H) 	-	-	2.69	1.38	4.83	3.11

*1 Amount applied using Keystone in the projector menus.
*2 Amount applied using the "Warping and Blending Tool for FP-ZUH series" computer software's warping feature.

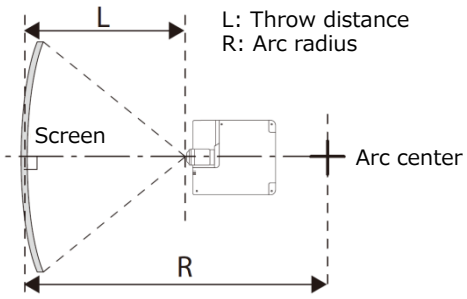
(1) Horizontal keystone correction (top view)



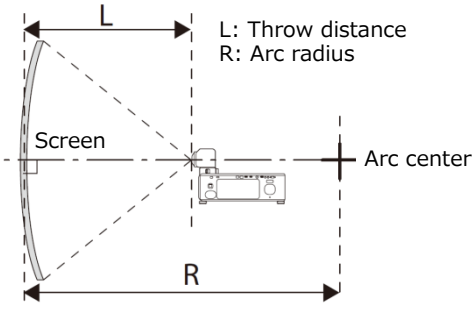
(2) Vertical keystone correction (side view)



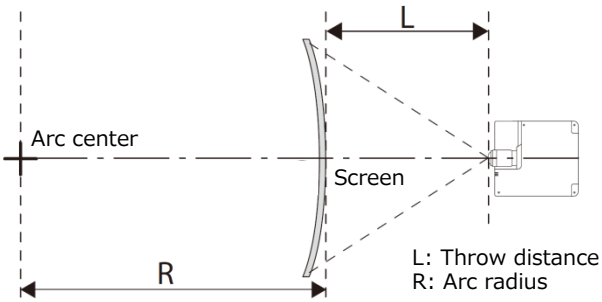
(3) Concave horizontal curvature correction (top view)



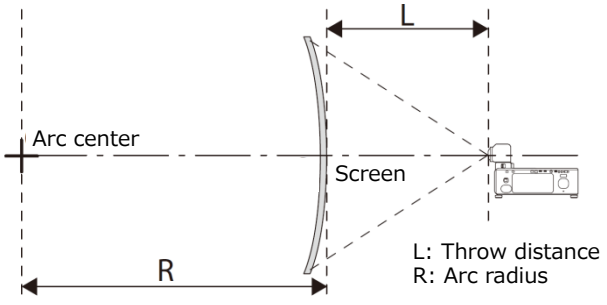
(4) Concave vertical curvature correction (side view)



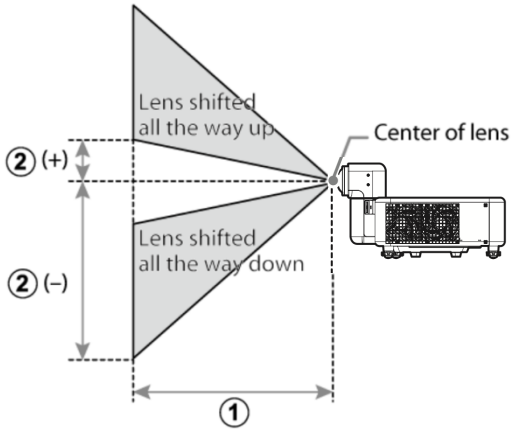
(5) Convex horizontal curvature correction (top view)



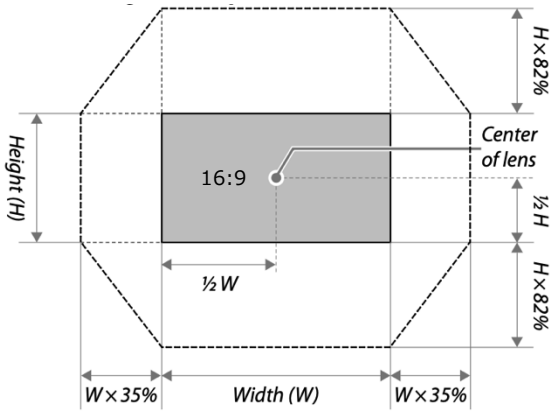
(6) Convex vertical curvature correction (side view)



■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/zuh6000/en.html

【Screen aspect ratio 16:9】

Screen dimensions (16:9)		①Projection distance (cm/in)	②Vertical shift (cm/in)
Diagonal (in)	W × H (cm/in)	min. zoom–max. zoom	lowest to highest
70	155 × 87 / 61.0 × 34.3	52— 57 / 20.5—22.4	-115 to +28 / −45.3 to +11.0
80	177 × 100 / 69.7 × 39.4	59 — 65 / 23.2—25.6	-131 to +32 / −51.6 to +12.6
90	199 × 112 / 78.3 × 44.1	67 — 74 / 26.4—29.1	-148 to +36 / −58.3 to +14.2
100	221 × 125 / 87.0 × 49.2	75 — 82 / 29.5—32.3	-164 to +40 / −64.6 to +15.7
120	266 × 149 / 104.7 × 58.7	90 — 99 / 35.4—39.0	-197 to +48 / −77.6 to +18.9
150	332 × 187 / 130.7 × 73.6	113 — 124 / 44.5—48.8	-247 to +60 / −97.2 to +23.6
180	398 × 224 / 130.7 × 73.6	135 — 149 / 44.5 — 48.8	-296 to +72 / −97.2 to +23.6
200	443 × 249 / 174.4 × 98.0	151 — 166 / 59.4—65.4	-329 to +80 / −129.5 to +31.5
250	553 × 311 / 217.7 × 122.4	189 — 208 / 74.4—81.9	-411 to +100 / −161.8 to +39.4
300	664 × 374 / 261.4 × 147.2	227 — 250 / 89.4—98.4	-493 to +120 / −194.1 to +47.2

【Screen aspect ratio 16:10】

Screen dimensions (16:10)		①Projection distance (cm/in)	②Vertical shift (cm/in)
Diagonal (in)	W × H (cm/in)	min. zoom–max. zoom	lowest to highest
70	151 × 94 / 59.4 × 37.0	56 — 62 / 22.0— 24.4	-124 to +30 / −48.8 to +11.8
80	172 × 108 / 67.7 × 42.5	64 — 71 / 25.2 — 28.0	-142 to +34 / −55.9 to +13.4
90	194 × 121 / 76.4 × 47.6	72 — 80 / 28.3 — 31.5	-160 to +39 / −63.0 to +15.4
100	215 × 135 / 84.6 × 53.1	81 — 89 / 31.9 — 35.0	-178 to +43 / −70.1 to +16.9
120	258 × 162 / 101.6 × 63.8	97 — 107 / 38.2 — 42.1	-213 to +52 / −83.9 to +20.5
150	323 × 202 / 127.2 × 79.5	122 — 134 / 48.0 — 52.8	-267 to +65 / −105.1 to +25.6
180	388 × 242 / 152.6 × 95.4	147 — 161 / 57.7 — 63.5	-320 to +78 / −125.9 to +30.5
200	431 × 269 / 169.7 × 105.9	163 — 179 / 64.2 — 70.5	-355 to +86 / −139.8 to +33.9
250	538 × 337 / 211.8 × 132.7	204 — 225 / 80.3 — 88.6	-444 to +108 / −174.8 to +42.5
300	646 × 404 / 254.3 × 159.1	245 — 270 / 96.5 — 106.3	-533 to +129 / −209.8 to +50.8

【Screen aspect ratio 4:3】

Screen dimensions (4:3)		①Projection distance (cm/in)	②Vertical shift (cm/in)
Diagonal (in)	W × H (cm/in)	min. zoom–max. zoom	lowest to highest
60	122 × 91 / 48.0 × 35.8	54 — 60 / 21.3 — 23.6	-121 to +29 / −47.6 to +11.4
70	142 × 107 / 55.9 × 42.1	64 — 70 / 25.2 — 27.6	-141 to +34 / −55.5 to +13.4
80	163 × 122 / 64.2 × 48.0	73 — 80 / 28.7 — 31.5	-161 to +39 / −63.4 to +15.4
90	183 × 137 / 72.0 × 53.9	82 — 91 / 32.3 — 35.8	-181 to +44 / −71.3 to +17.3
100	203 × 152 / 79.9 × 59.8	92 — 101 / 36.2 — 39.8	-201 to +49 / −79.1 to +19.3
120	244 × 183 / 96.1 × 72.0	110 — 121 / 43.3 — 47.6	-241 to +59 / −94.9 to +23.2
150	305 × 229 / 120.1 × 90.2	138 — 152 / 54.3 — 59.8	-302 to +73 / −118.9 to +28.7
180	366 × 274 / 144.0 × 108.0	166 — 183 / 65.4 — 72.0	-362 to +88 / −142.6 to +34.6
200	406 × 305 / 159.8 × 120.1	185 — 203 / 72.8 — 79.9	-402 to +98 / −158.3 to +38.6
240	488 × 366 / 192.1 × 144.1	222 — 244 / 87.4 — 96.1	-483 to +117 / −190.2 to +46.1

■Supported Resolutions

【HDMI1・HDMI2 / HDBaseT】

Signal Type	Signal Format	Resolution	Aspect Ratio	V Sync (Hz)	RGB			YCbCr 4:4:4			YCbCr 4:2:2
					8 bit	10 bit	12 bit	8 bit	10 bit	12 bit	8 bit
PC	VGA	640x480	4:03	60	V	V	V	V	V	V	V
	SVGA	800x600	4:03	60	V	V	V	V	V	V	V
	XGA	1024x768	4:03	60	V	V	V	V	V	V	V
	WXGA	1280x768	15:09	60	V	V	V	V	V	V	V
	WXGA	1280x800	16:10	60	V	V	V	V	V	V	V
	SXGA-	1280x960	4:03	60	V	V	V	V	V	V	V
	SXGA	1280x1024	5:04	60	V	V	V	V	V	V	V
	WXGA	1360x768	16:09	60	V	V	V	V	V	V	V
	FWXGA	1366x768	16:09	60	V	V	V	V	V	V	V
	WXGA+	1440x900	16:10	60	V	V	V	V	V	V	V
	HD+	1600x900	16:09	60	V	V	V	V	V	V	V
	UXGA	1600x1200	4:03	60	V	V	V	V	V	V	V
	WSXGA+	1680x1050	16:10	60	V	V	V	V	V	V	V
	WUXGA	1920X1200	16:10	60	V	V	V	V	V	V	V
	UWFHD	2560x1080	21:09	24	V	V	V	V	V	V	V
				25	V	V	V	V	V	V	V
				30	V	V	V	V	V	V	V
				50	V	V	V	V	V	V	V
				60	V	V	V	V	V	V	V
Video	EDTV (480p)	720X480	3:02	59.94	V	V	V	V	V	V	V
				60	V	V	V	V	V	V	V
	EDTV (576p)	720X576	5:04	50	V	V	V	V	V	V	V
	HDTV (720p)	1280x720	16:09	50	V	V	V	V	V	V	V
				59.94	V	V	V	V	V	V	V
				60	V	V	V	V	V	V	V
				120	V	V	V	V	V	V	V
	HDTV (1080p)	1920x1080	16:09	23.98	V	V	V	V	V	V	V
				24	V	V	V	V	V	V	V
				25	V	V	V	V	V	V	V
				29.97	V	V	V	V	V	V	V
				30	V	V	V	V	V	V	V
				50	V	V	V	V	V	V	V
				59.94	V	V	V	V	V	V	V
				60	V	V	V	V	V	V	V
				120	V	V	V	V	V	V	V
4K	4K UHD (2160p)	3840x2160	16:09	24	V	V	V	V	V	V	V
				25	V	V	V	V	V	V	V
				30	V	V	V	V	V	V	V
				50	V	-	-	V	-	-	V
				60	V	-	-	V	-	-	V
	4K x 2K	4096x2160	19:10	24	V	V	V	V	V	V	V
				25	V	V	V	V	V	V	V
				30	V	V	V	V	V	V	V
				50	V	-	-	V	-	-	V
				60	V	-	-	V	-	-	V
High Frame Rate	1080p	1920x1080	16:09	120	V	V	V	V	V	V	V
				240	V	-	-	-	-	-	-