



Mounting Guide ULS Mirror EB-PU1008, EB-PU1007, EB-PU1006



Thank you for choosing a ULS Mirror System.

By following the steps outlined in this mounting guide, you will ensure reliable performance and long-term satisfaction with the product.

Introduction / Purpose of This Mounting Guide:

This mounting guide demonstrates how to install the ULS Mirror Set together with the appropriate Projector Plate onto the projector. It details recommended positioning relative to the projector body, the pole connection at the ULS Base Plate, and the ball-head orientation on the mirror itself. These recommendations are derived from both precise calculations and extensive practical testing.

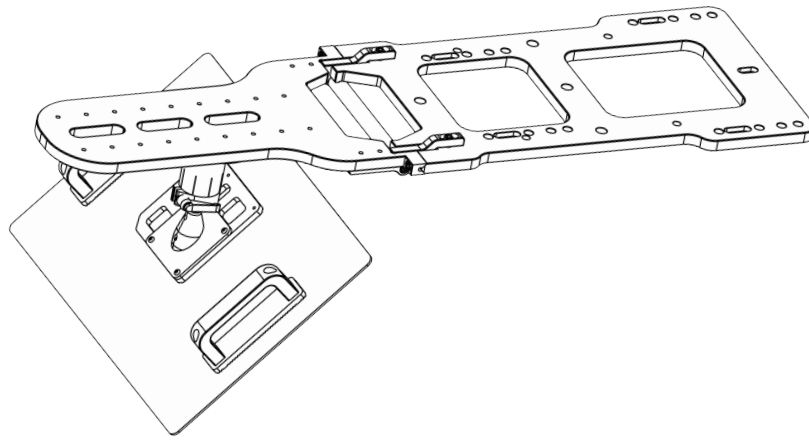
⚠ Safety Notice

This device has left our company in perfect condition. To maintain this condition and ensure safe operation, all safety instructions and warning notes must be followed.

- Never look directly into the light source of the connected projector.
- Keep children away from the device and installation area at all times.

For detailed safety guidelines, technical definitions, and further information, please refer to the official ULS Mirror Manual (June 2025), available at:

https://dynamicprojection.com/transfer/ULS/ULS_Manual_V14_June2025.pdf

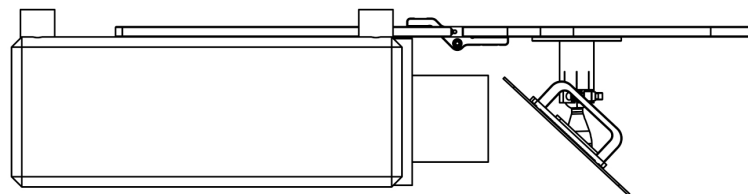


ULS Mirror Set 48/08

Projector Plate MHB-2604

This guide applies to the following variants designed for use with Epson EB-PU1008, EB-PU1007, EB-PU1006 and similar projectors, depending on the lens in use and the respective mirror deflection angle. Compatible with EXACT solutions GmbH EVO-P10, Rigtec AIR FRAME X-30 – but not necessarily needed.

Three ULS Mirror sets are available. Depending on the lens used — and therefore on the throw ratio — as well as the mirror's deflection angle, different mirror sizes and pole heights are required. Please note that the values listed below apply exclusively to a 90° vertical deflection. Different deflection angles require separate calculations. Of course, larger mirrors than those specified can also be used.

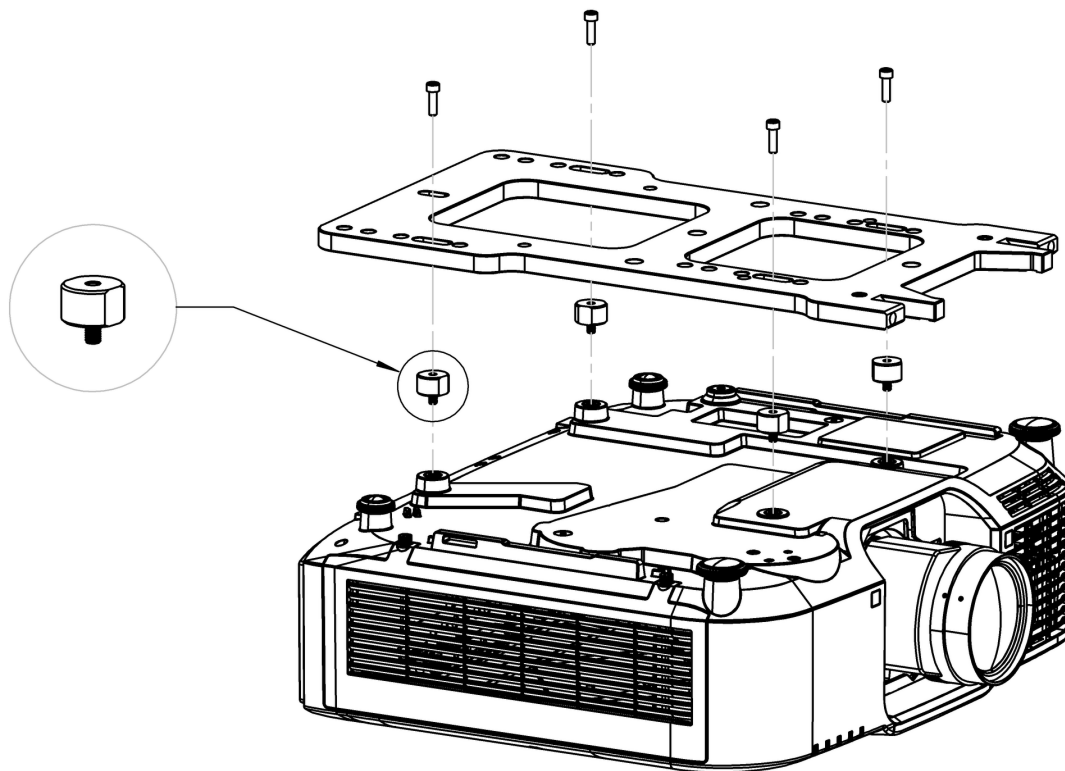
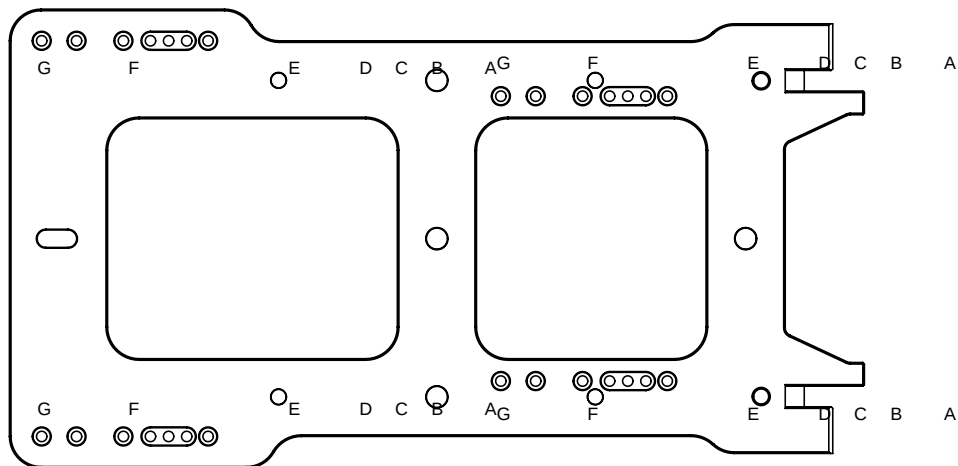


ULS Mirror Set	Mirror mm	Pole	Compatible lens	Throw ratio
ULS-MB-4808	480 x 340	P088	ELPLU03S	0.65 - 0.78:1
ULS-MB-3405	340 x 250	P056	ELPLU04	0.87 - 1.05:1
ULS-MB-3405	340 x 250	P056	ELPLW05	1.04 - 1.46:1
ULS-MB-3405	340 x 250	P056	ELPLW08	1.18 - 1.66:1
ULS-MB-3405	340 x 250	P056	ELPLM08 - ELPLL08	1.44 – 10.1:1



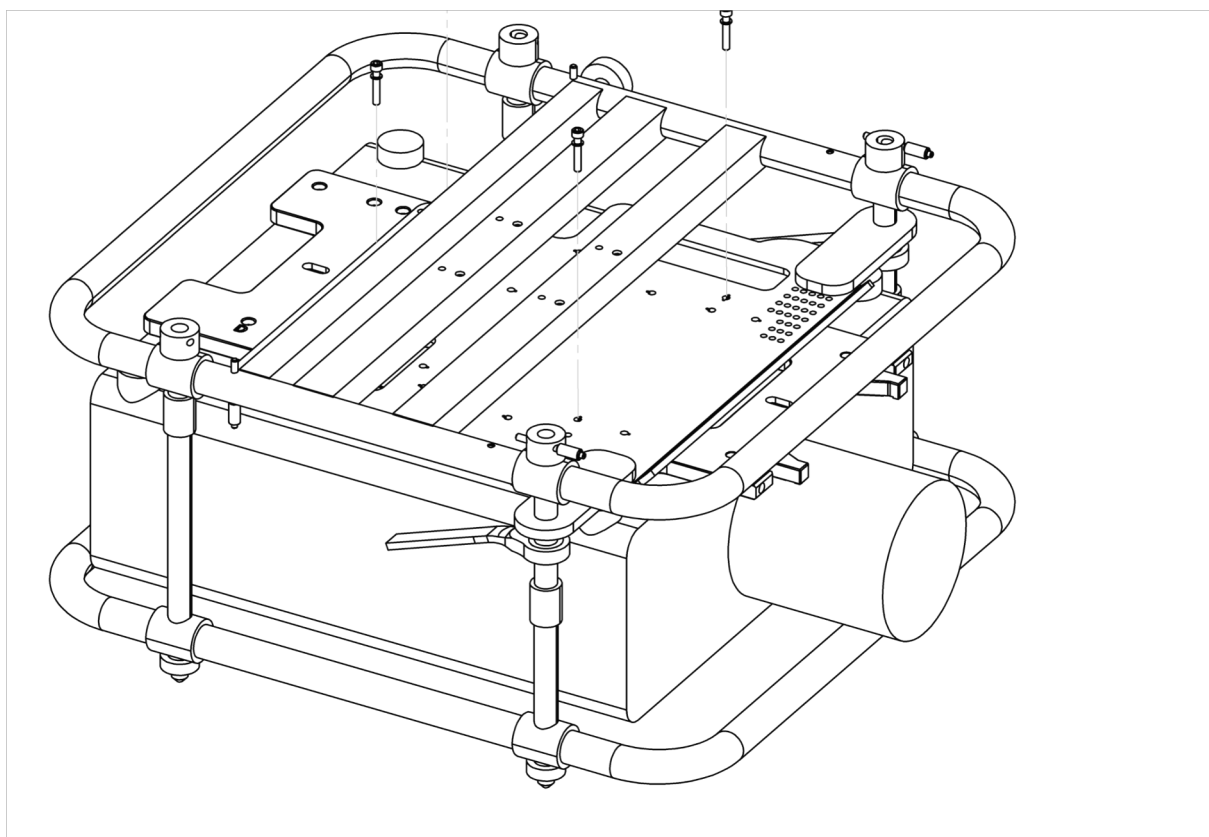
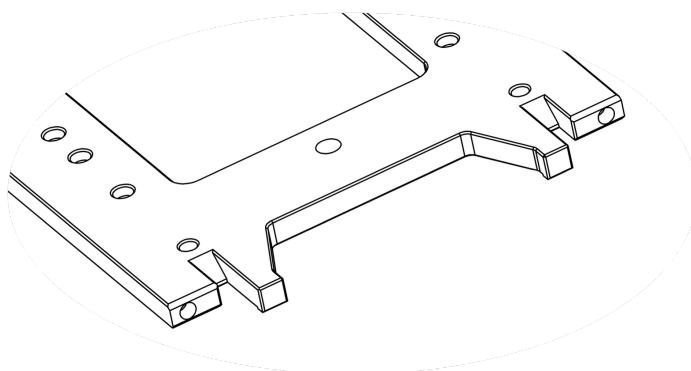
1. Screw the four MHZ-15M6 spacers into the mounting points of the projector.

Place the Projector Plate MHB-2604 onto the projector by using 4x M6 x 16 socket screws. Ensure that the correct side of the Projector Plate is facing upward and the mounting position is "C".



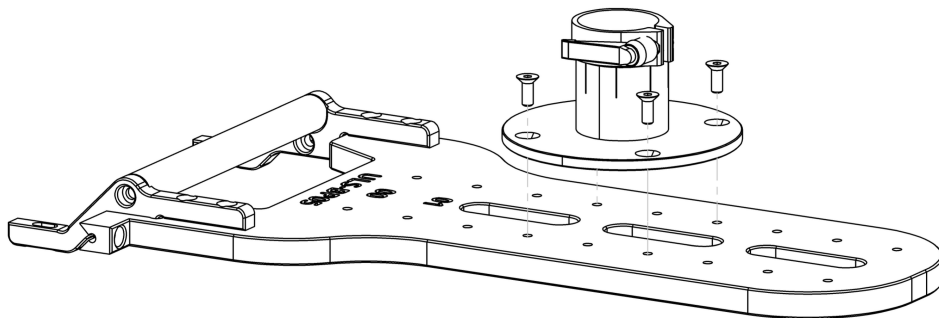


- 1 If a projector frame is used, screw the four MHZ-15M6 spacers into the mounting points of the projector. Mount the Projector Plate MHB-2604 to the projector between frame and projector and fasten it using 4x M6 x 30 socket screws + washers. Ensure that the correct side of the Projector Plate is facing upward and the mounting position "C".





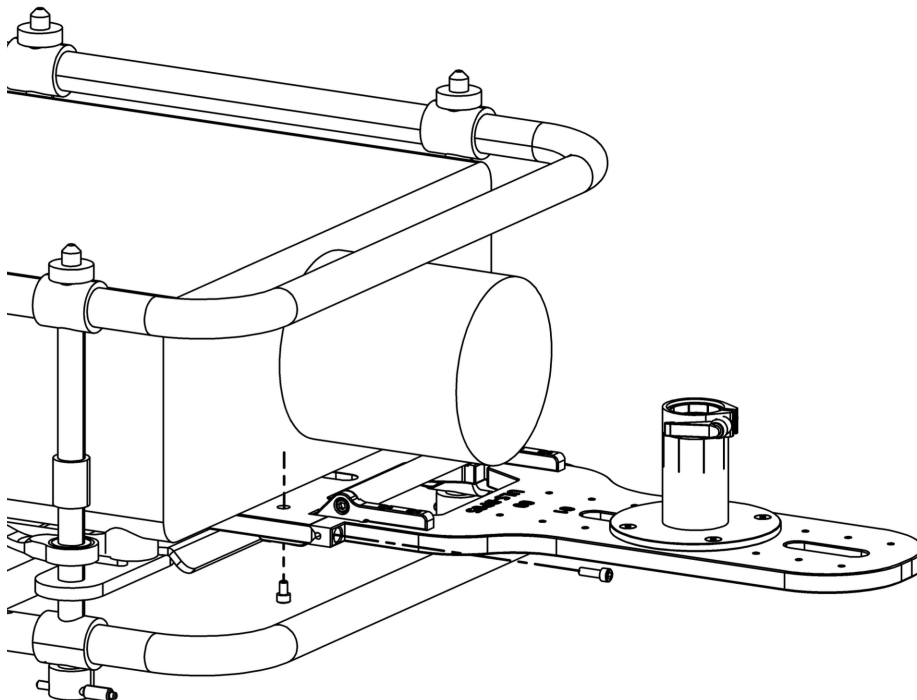
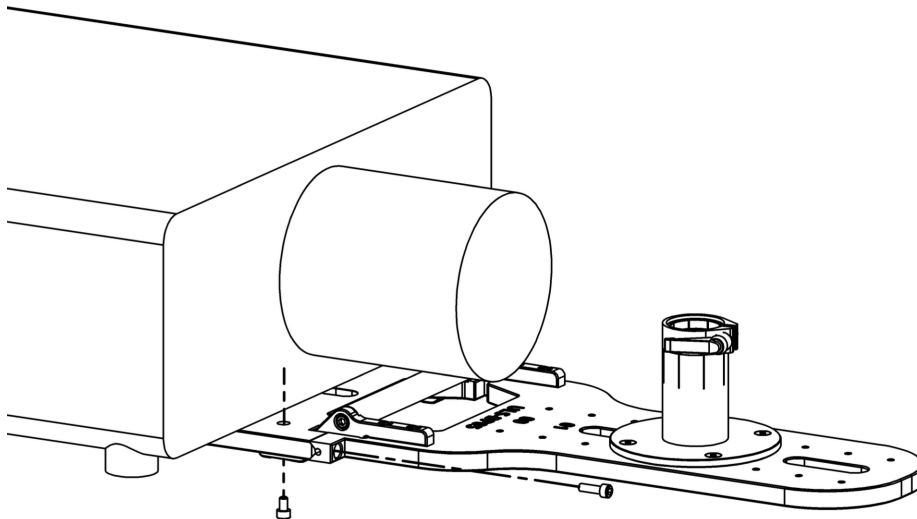
- 2 Mount the ULS Pole onto the ULS Base Plate ULS-BP05 / ULS-BP02 using the 4x M6 x 16 countersunk screws as shown below. Depending on the mirror size and the lens used, please follow the recommended position (00 - 06) as indicated in the list below. For longer throw ratio ($\geq 1.2:1$), positions further away from the lens may also be used. In any case, ensure that the mirror is mounted in a way that prevents any risk of damaging the projector lens.



Mirror	Mirror size	Pole	Lens	ULS Base plate
M700	700 x 480 mm	P135	ELPLU03S	Position 04
M480	480 x 320 mm	P088	ELPLU03S	Position 02
M340	340 x 250 mm	P056	ELPLU04	Position 02
M340	340 x 250 mm	P056	ELPLW05	Position 02
M340	340 x 250 mm	P056	ELPLW08	Position 02 / 3
M340	340 x 250 mm	P056	ELPLM08 + ELPLM15	Position 00 - 03
M340	340 x 250 mm	P056	ELPLM10 / ELPLM11 / ELPLL08	Position 01 - 06



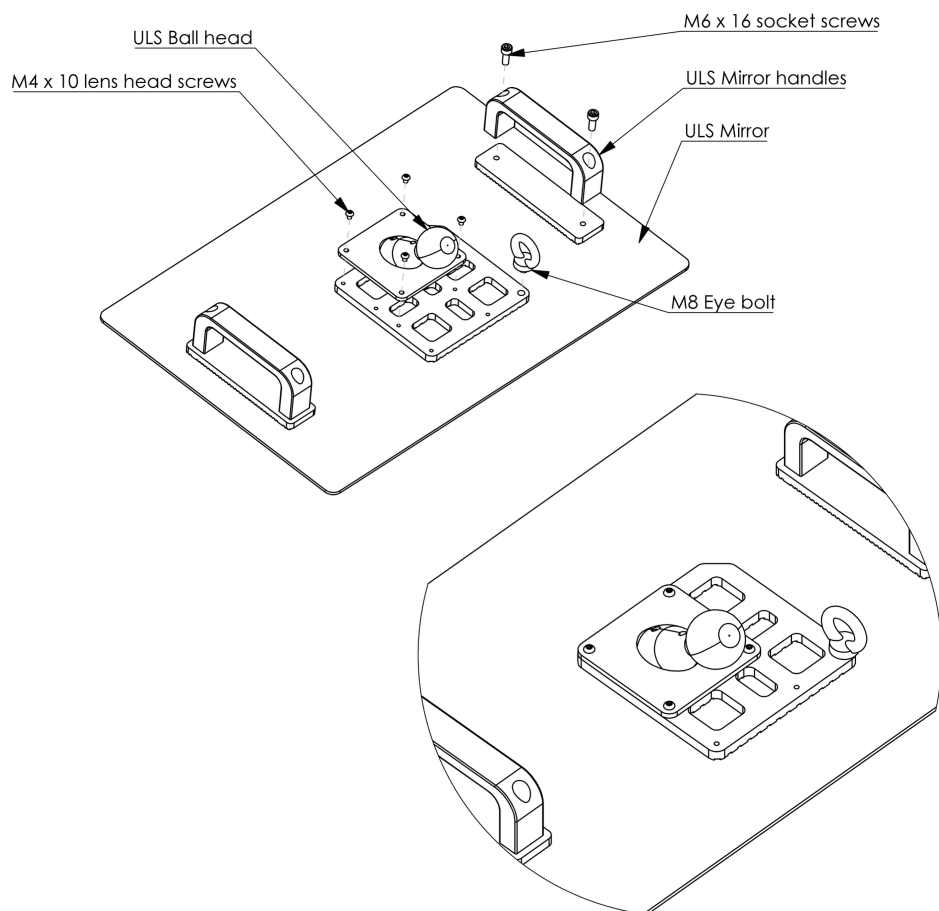
- 3 Mount the ULS Base Plate ULS-BP05 / ULS-BP02 onto the Projector Plate MHB-2604 by using 2x M6 x 20 socket screw and from below 2x M6 x 10 socket screws.





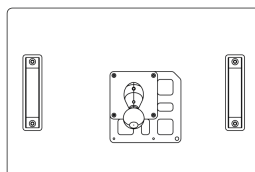
4 Mirror assembly – the figure shows a ULS-M340 mirror (340 x 250 mm)

An M8 eye bolt is provided for attaching a safety wire. For any overhead installation, the use of a certified safety wire is mandatory.



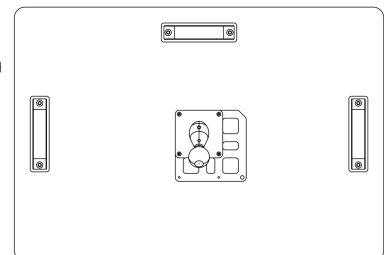
ULS Mirror M480

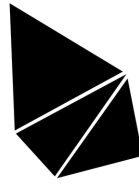
- Removable handles.
- Changeable positions of ball head
- Mirror size 480 x 340 mm
- Code: ULS-M480



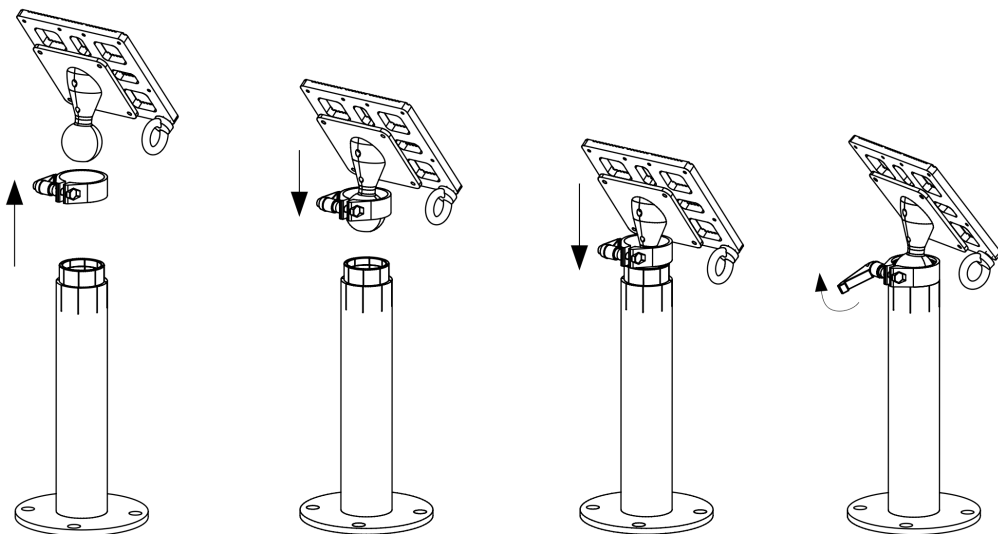
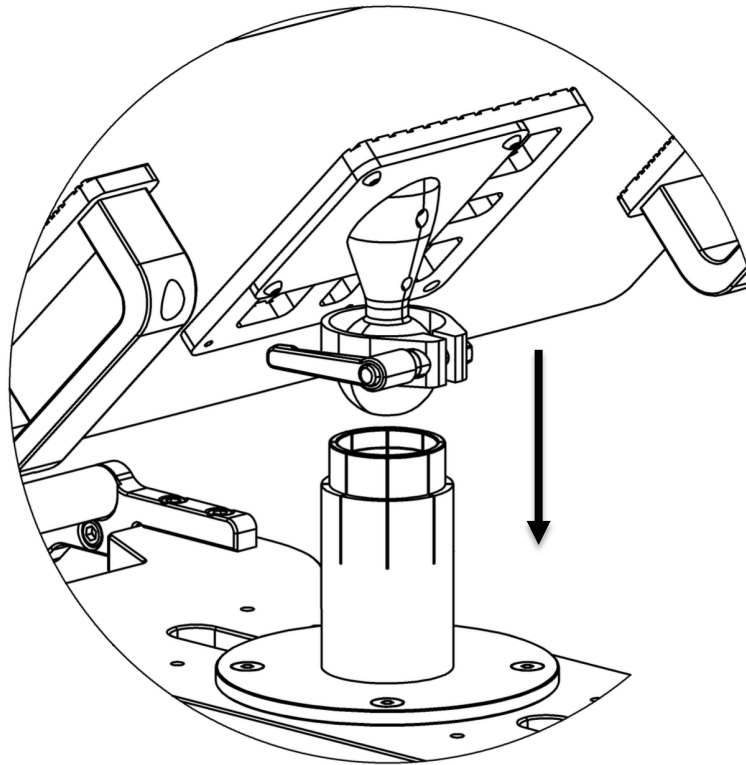
ULS Mirror M700

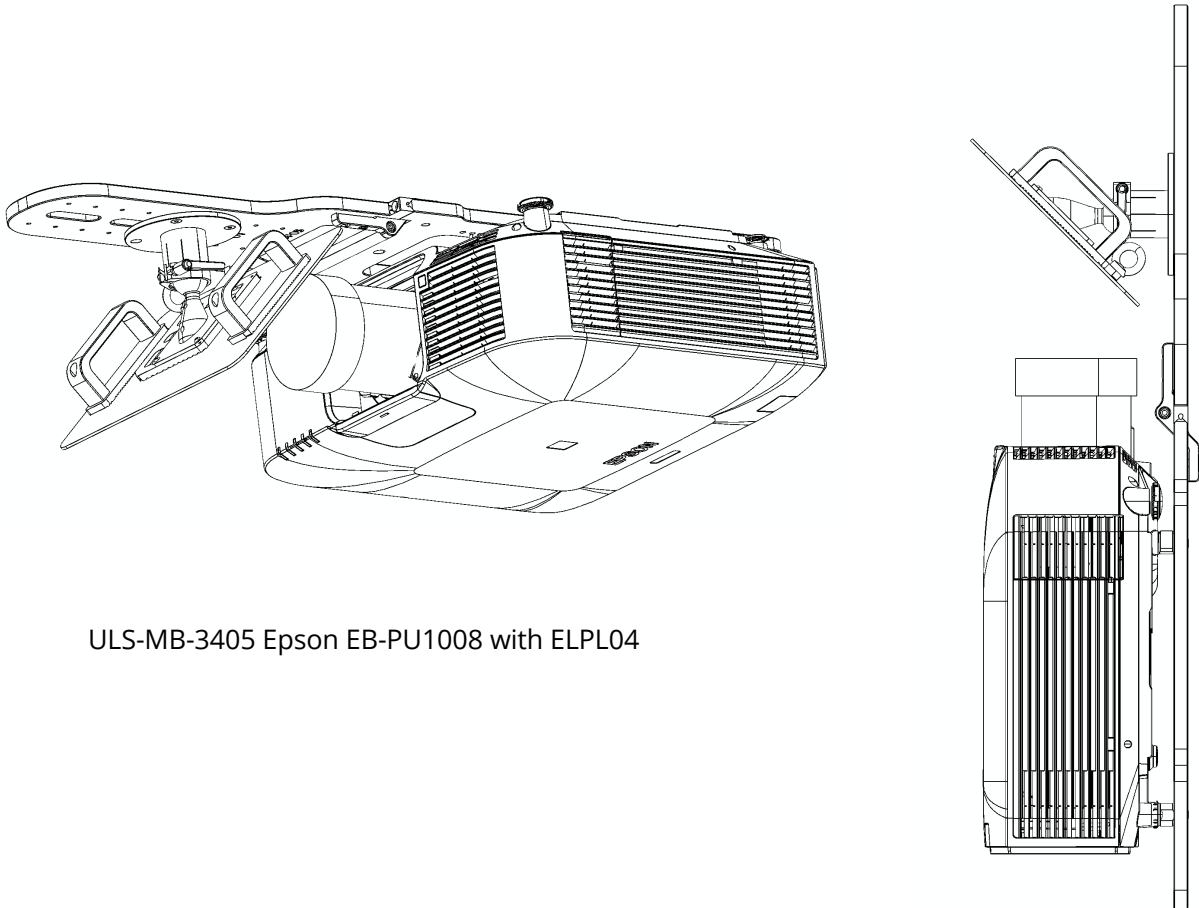
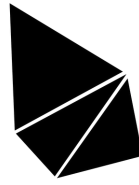
- Removable / changeable handles.
- Changeable positions of ball head
- Mirror size 700 x 480 mm
- Code: ULS-M700





- 5 Place the ring clamp over the ball head, push the ball head in the ULS Pole ball socket and secure the position with the locking lever.

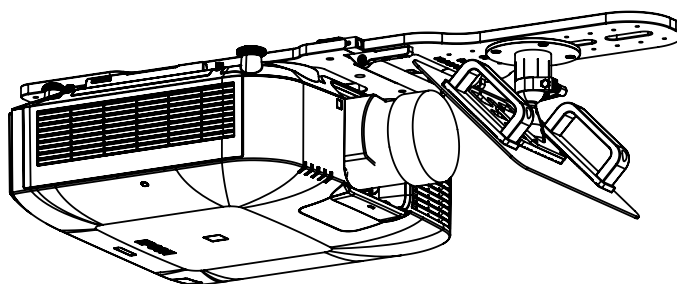
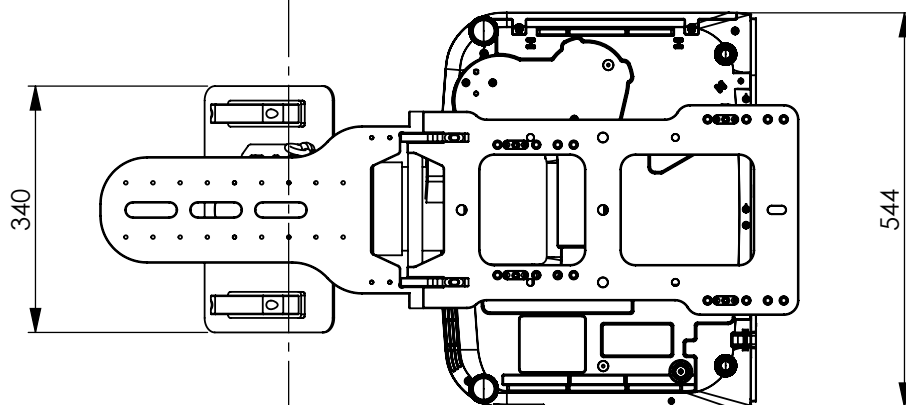
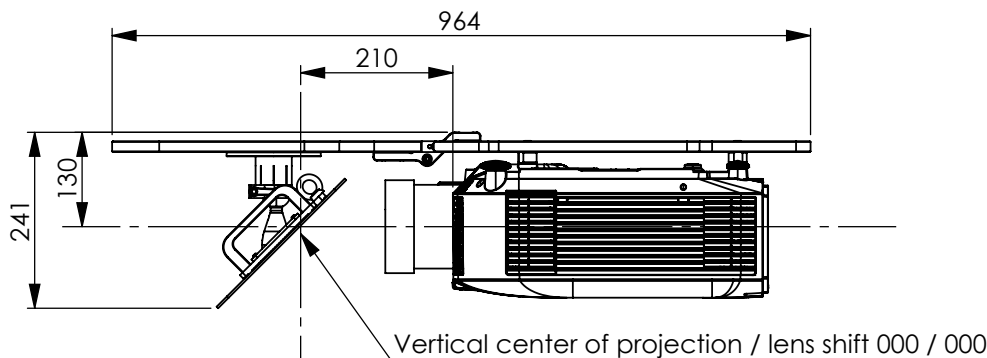




ULS-MB-3405 Epson EB-PU1008 with ELPL04

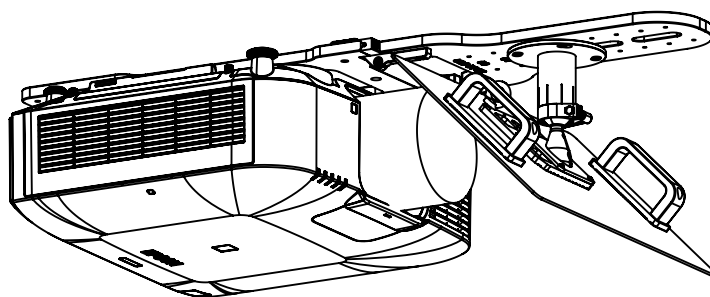
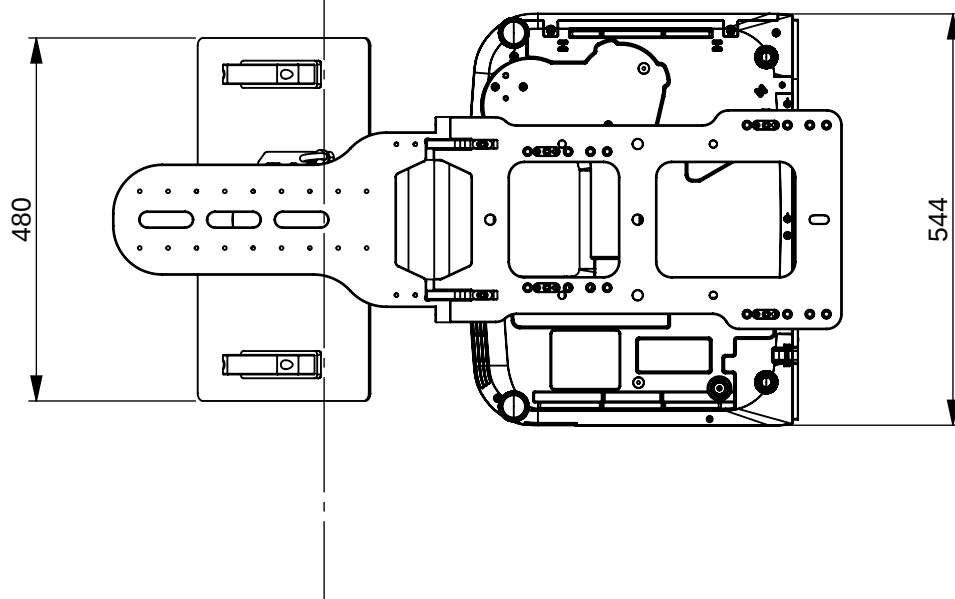
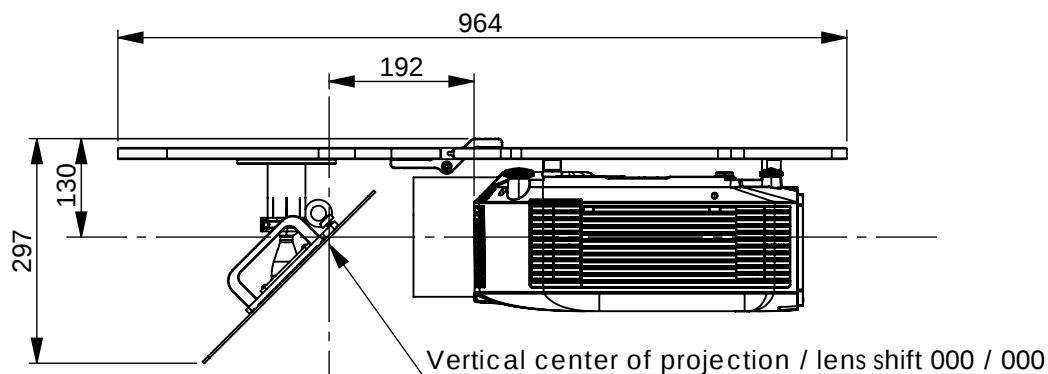
Extended information regarding mounting configurations, mechanical integration, and safety instructions can be found in the official installation manual. Please consult the ULS - manual on our website for complete guidance.

https://dynamicprojection.com/transfer/ULS/ULS_Manual_V14_June2025.pdf



Mirror Size M480 = 480 x 320 mm / Pole P056 - Pos 02 / Projector Plate Pos B

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NAME		SIGNATUR		DATUM		BENENNUNG:			
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Mirror Size M480 = 480 x 320 mm / Pole P088 - Pos 02 / Projector Plate Pos C

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