

Mounting guide ULS Mirror Panasonic PT-REQ15 Series Projectors



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.

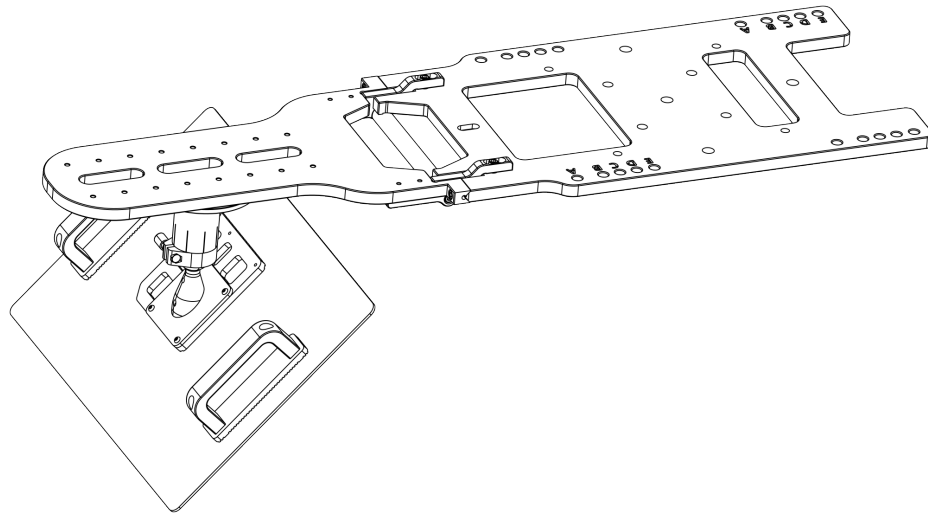
⚠ Safety Notice

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

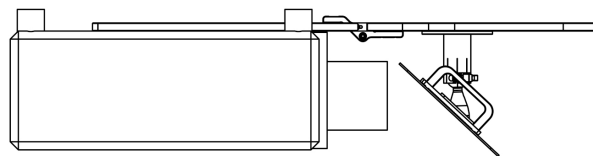


ULS Mirror Set 48/08

Projector Plate MHB-4706

This guide applies to the following variants designed for use with Panasonic PT-REQ15 / REQ12 / REQ10 / REQ80 projectors, depending on the lens in use and the respective mirror deflection angle. Compatible with Panasonic Rental Frame ET-RFD40, EXACT solutions GmbH EVO-P10, Rigtec AIR FRAME X-12 – but not necessarily needed.

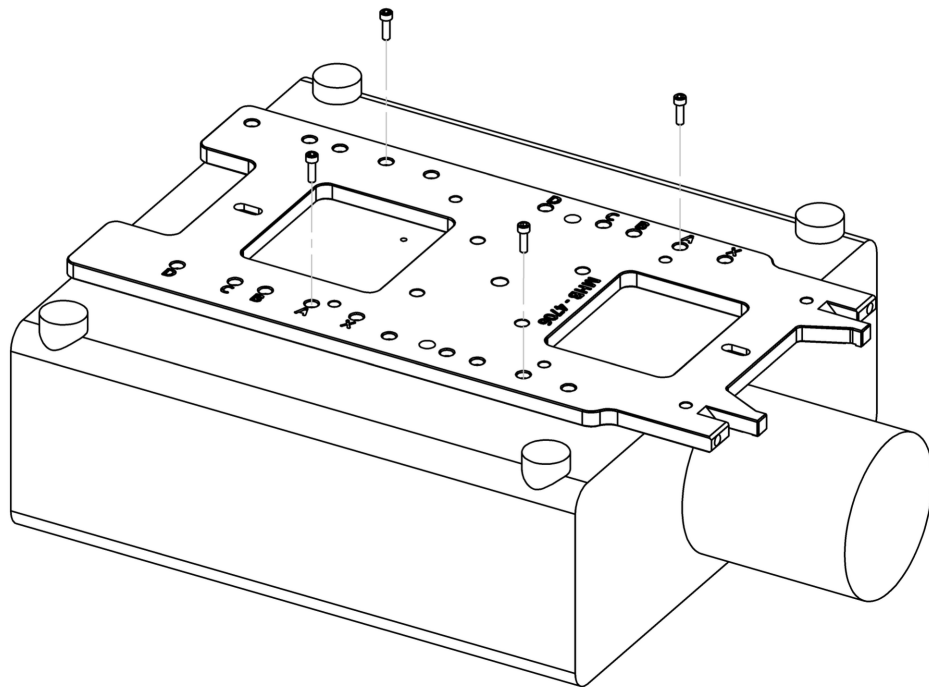
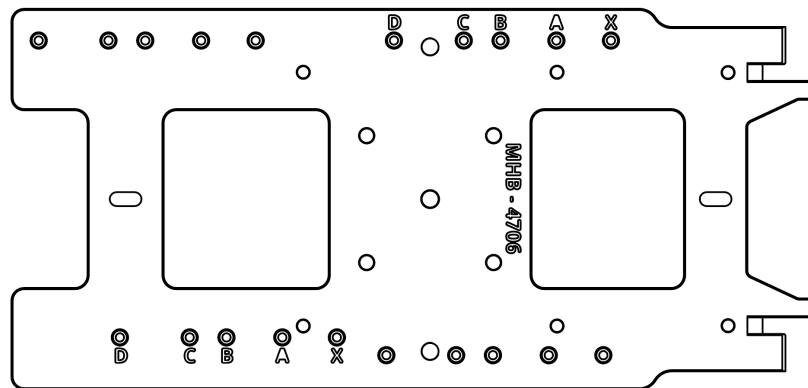
Three ULS Mirror Set are available. Depending on the lens used – and consequently the throw ratio – as well as the deflection angle of the mirror, different mirror sizes and pole heights are required. Please note: the values listed below apply exclusively to a 90° vertical deflection. Different deflection angles will require separate calculations.



ULS Product	Code	Mirror mm	Pole mm	Compatible lens
ULS Mirror Set 70/13	ULS-MB-7013	700 x 480	135	ET-C1W300
ULS Mirror Set 48/08	ULS-MB-4808	480 x 340	88	ET-C1W300 $\geq 0.63:1$
ULS Mirror Set 48/08	ULS-MB-4808	480 x 340	88	ET-C1W400
ULS Mirror Set 34/05	ULS-MB-3405	340 x 250	56	ET-C1W400 $\geq 0.85:1$
ULS Mirror Set 34/05	ULS-MB-3405	340 x 250	56	ET-C1W500
ULS Mirror Set 34/05	ULS-MB-3405	340 x 250	56	ET-C1S600
ULS Mirror Set 34/05	ULS-MB-3405	340 x 250	56	ET-C1T700

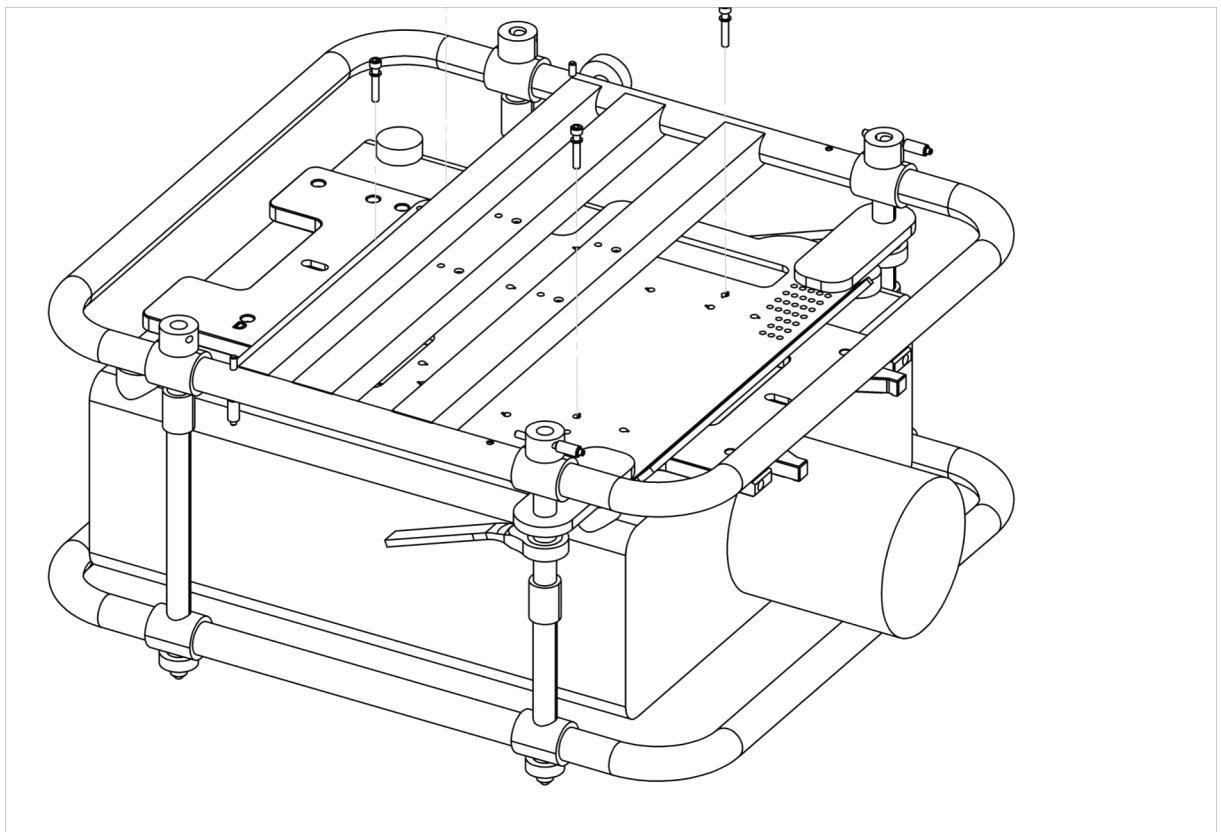
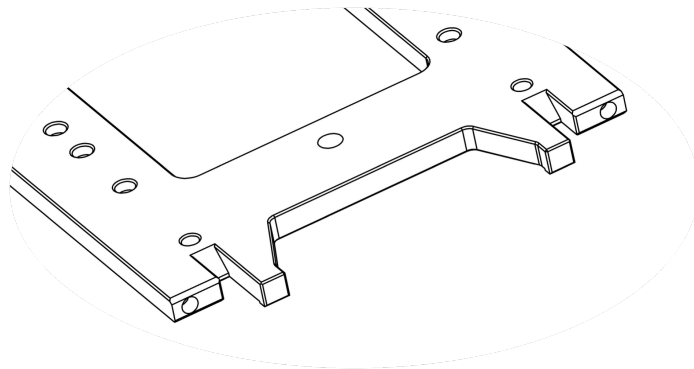


1. Place the Projector Plate MHB-4706 / MHB-4705 onto the projector by using 4x M6 x 20 socket screws. Ensure that the correct side of the Projector Plate is facing upward and the mounting position is "A".

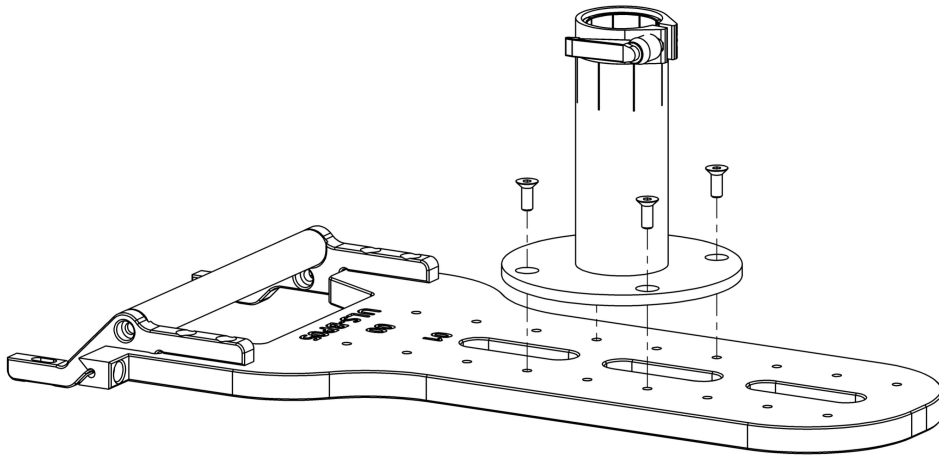




2. If a projector frame is used, mount the Projector Plate MHB-4706 / MHB-4705 to the projector between frame and projector and fasten it using 4x M6 x 35 socket screws + washers. Ensure that the correct side of the Projector Plate is facing upward and the mounting position is "A".



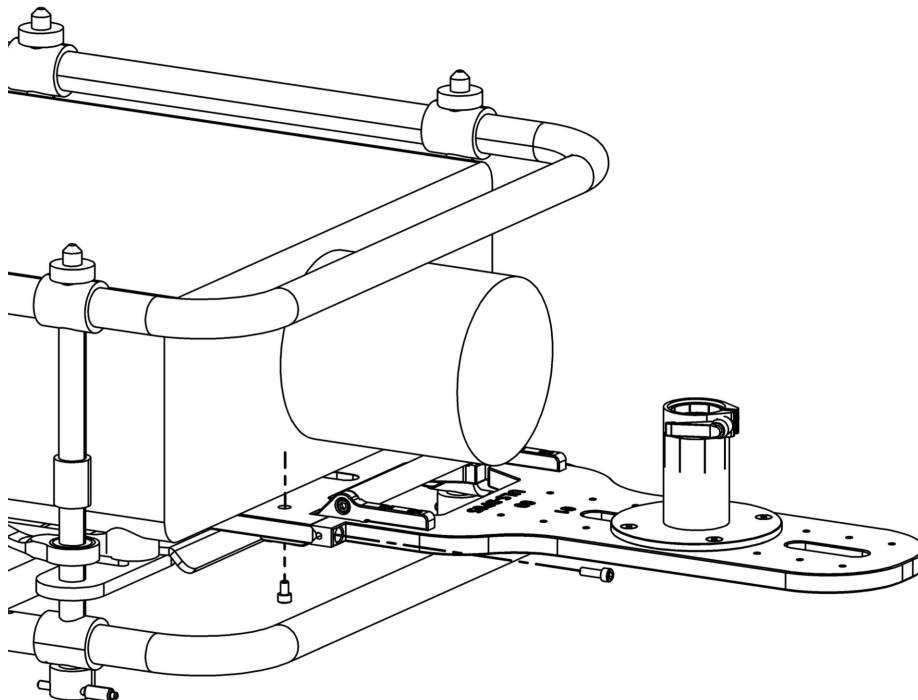
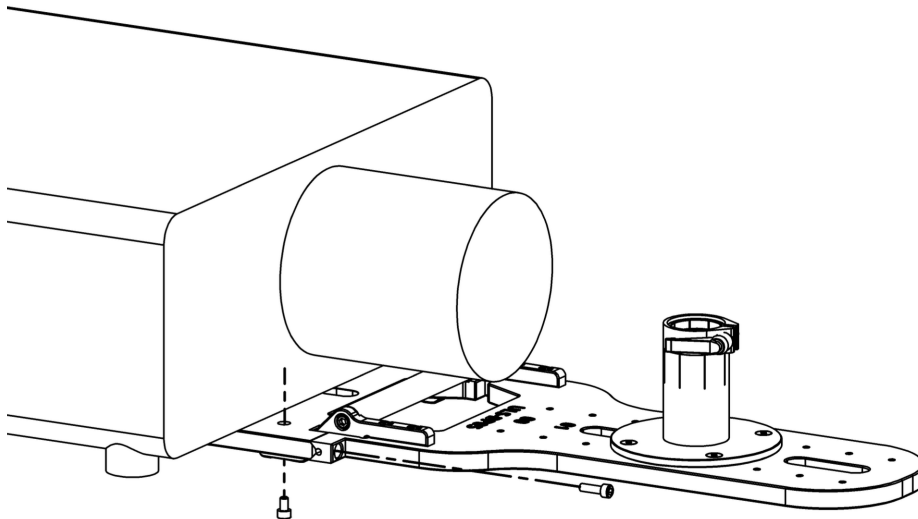
3. Mount the ULS Pole onto the ULS Base Plate ULS-BP05 / ULS-BP02 using the 4x M6 x 16 countersunk screws as shown below. Depending on the mirror size and the lens used, please follow the recommended position (00 - 06) as indicated in the list below. For longer throw ratio ($\geq 1.2:1$), positions further 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 height	Lens	ULS Base Plate
M700	700 x 480 mm	P135 / 135 mm	ET-C1W300	Position 04
M480	480 x 340 mm	P088 / 88 mm	ET-C1W300	Position 03
M480	480 x 340 mm	P088 / 88 mm	ET-C1W400	Position 03
M340	340 x 250 mm	P056 / 56 mm	ET-C1W500	Position 02



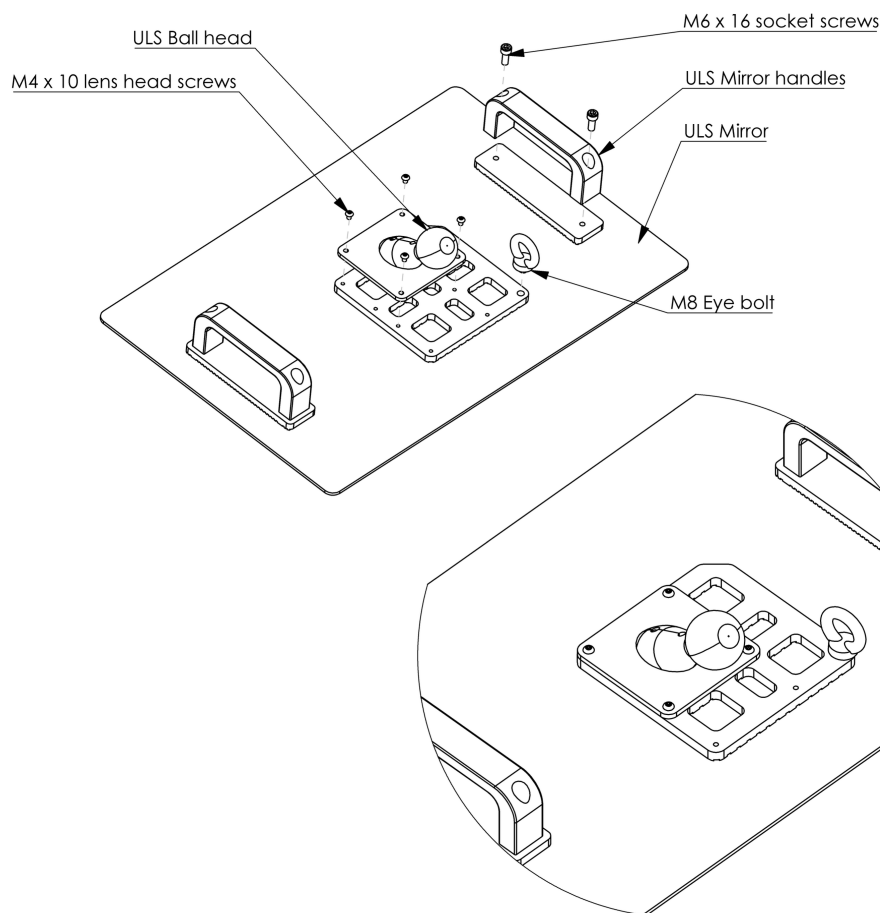
4. Mount the ULS Base Plate ULS-BP05 / ULS-BP02 onto the Projector Plate MHB-4706 / MHB-4705 by using 2x M6 x 20 socket screw and from below 2x M6 x 10 socket screws.





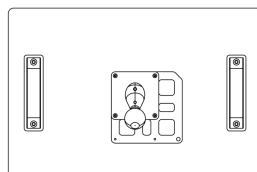
5. Mirror assembly – the figure shows a ULS-M340 mirror (340 x 250 mm)

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



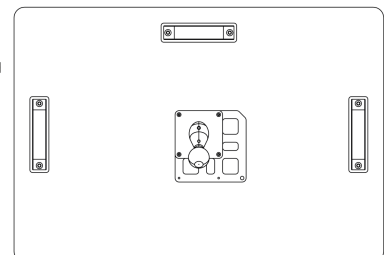
ULS Mirror M480

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



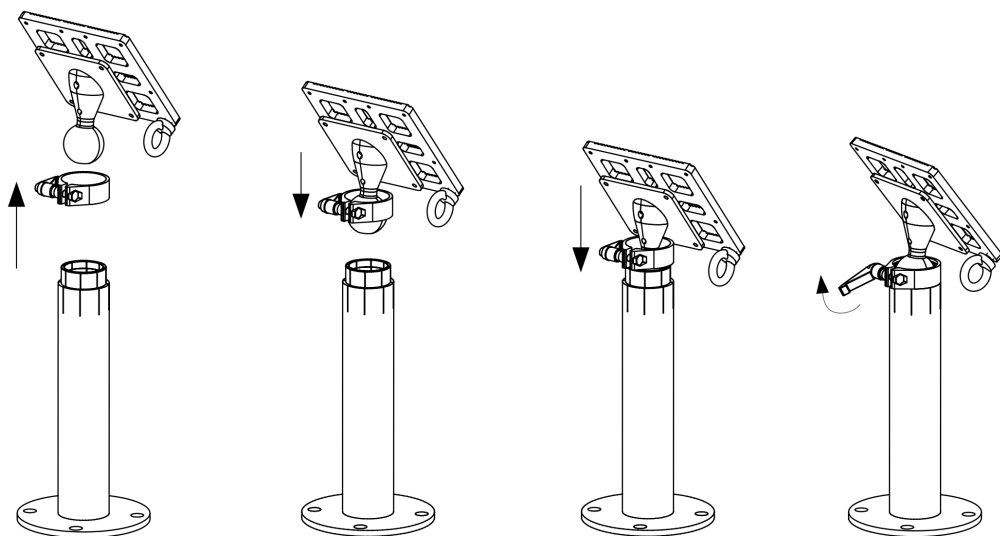
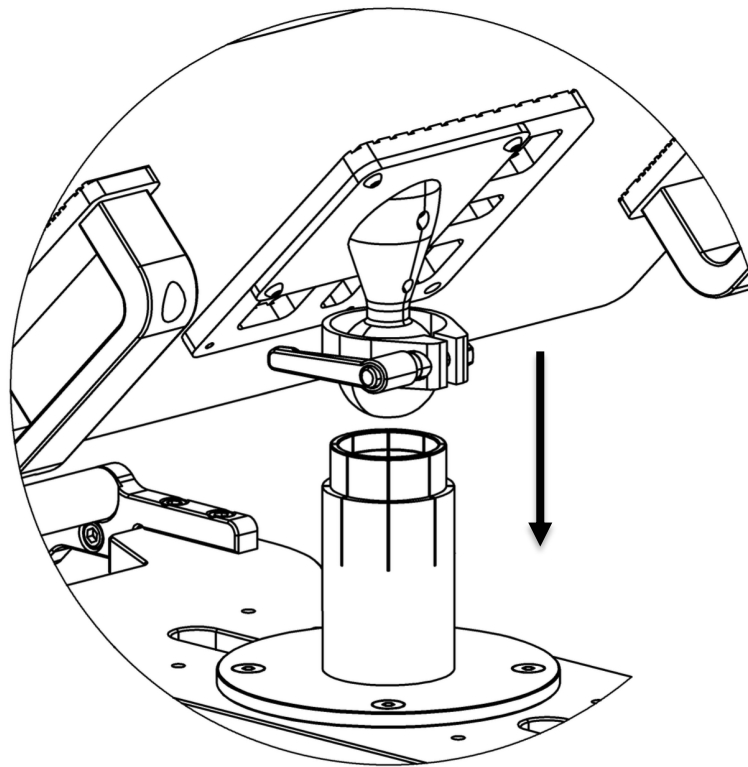
ULS Mirror M700

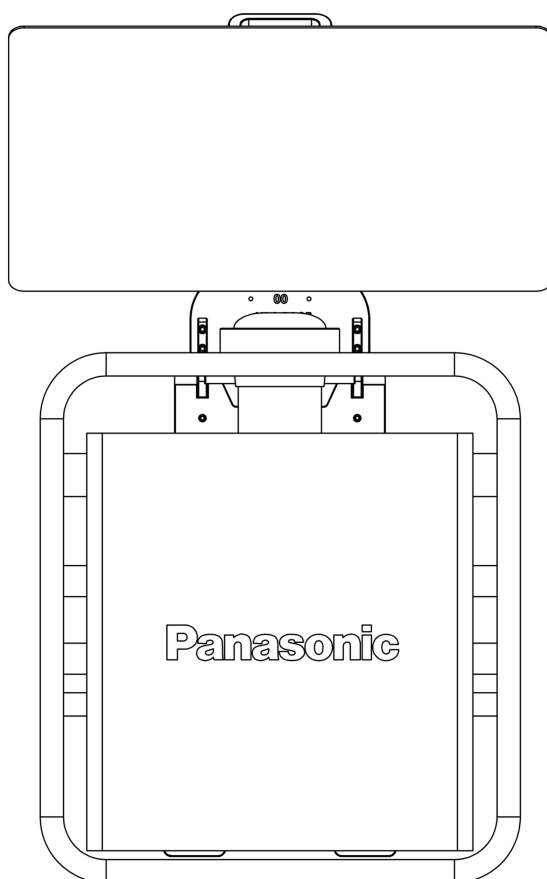
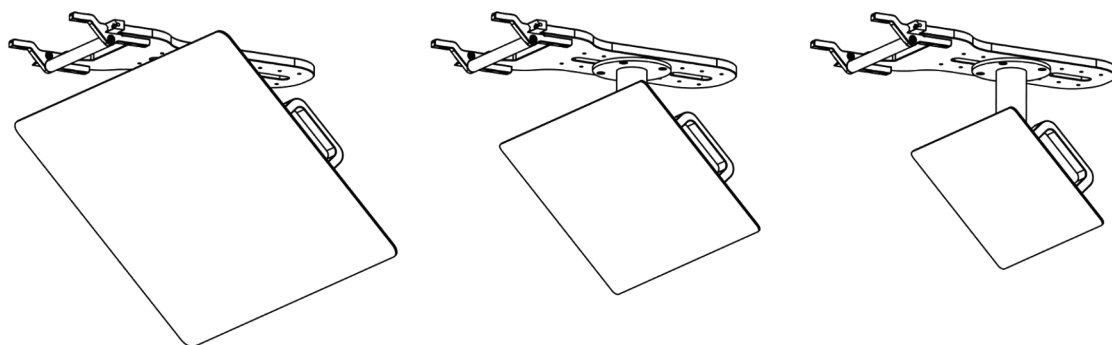
- Removable / changeable handles.
- Changeable positions of ball head
- Mirror size 700 x 480 mm
- Code: ULS-M700



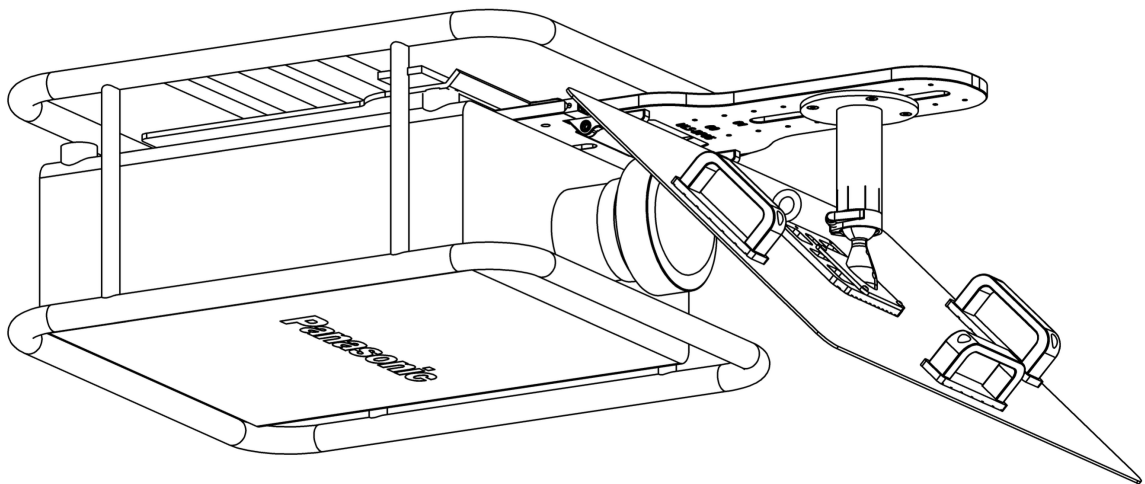
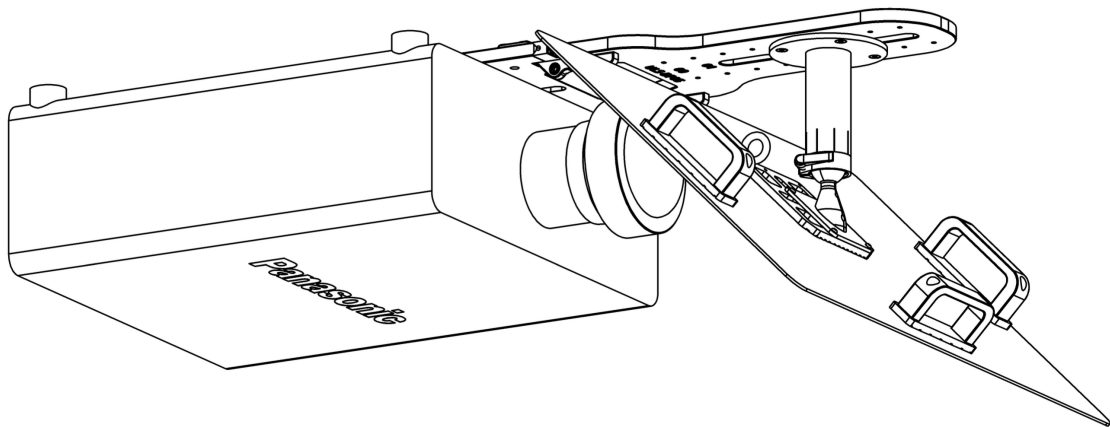


6. Place the ring clamp over the ball head, push the ball head in the ULS Pole ball socket and secure the position with the locking lever.



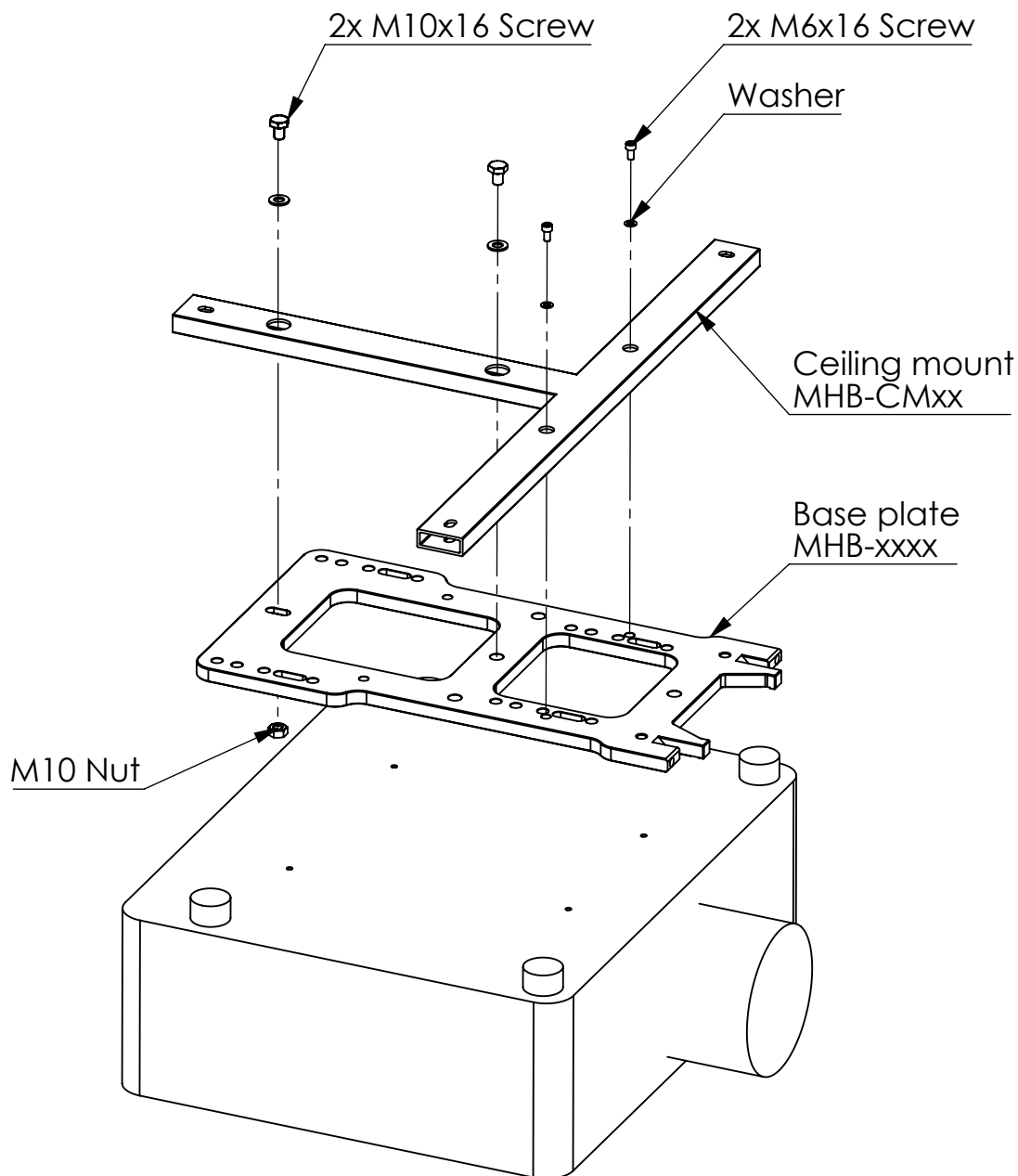


Panasonic PT-RQ15 + ET-C1W300, Frame EVO-P10
ULS Mirror M700 (ULS Mirror Set 70/13)

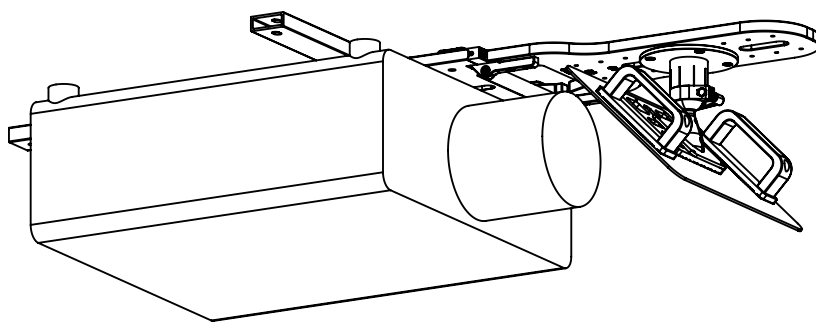
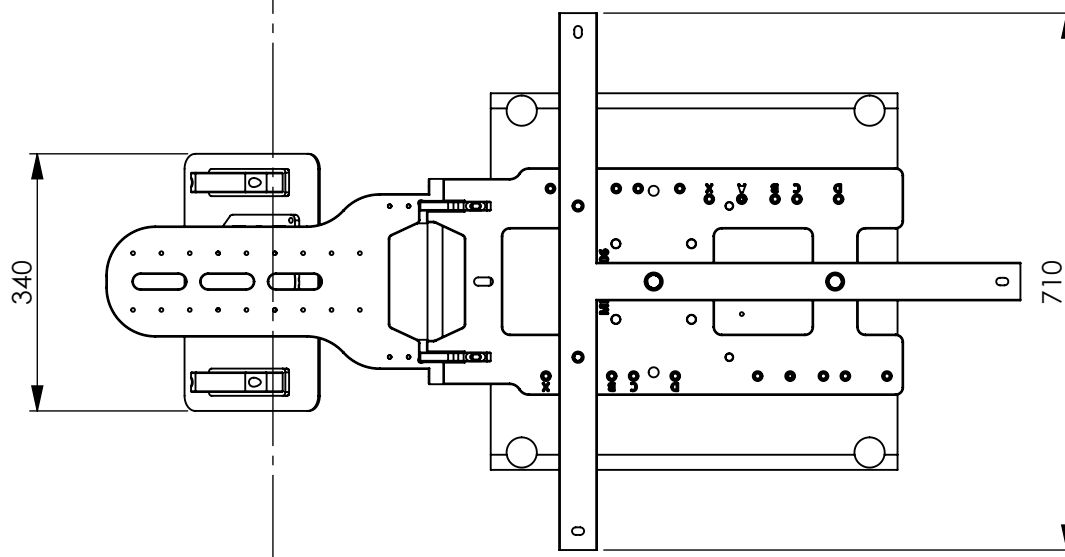
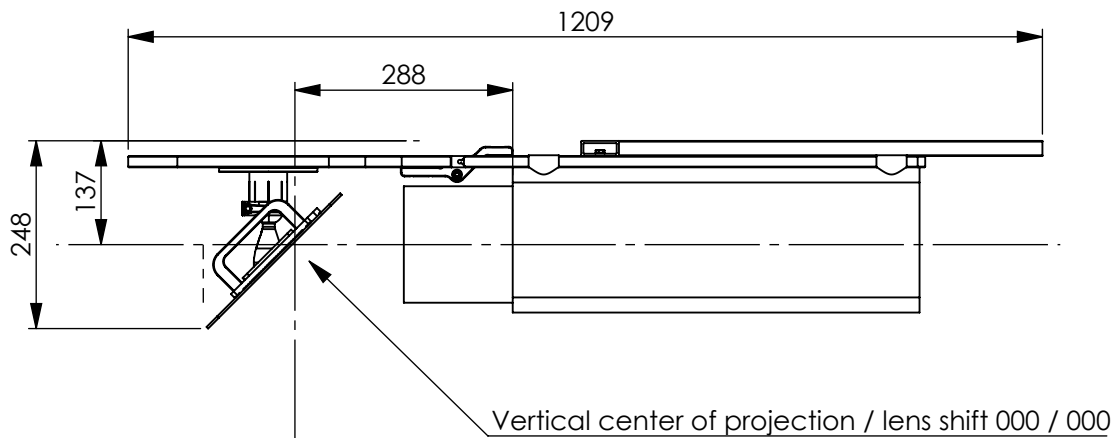


Extended information regarding mounting configurations, mechanical integration, and safety instructions can be found in the official installation manual. Please consult the manual on our website for complete guidance.

<https://www.dynamicprojection.com/uls-support>



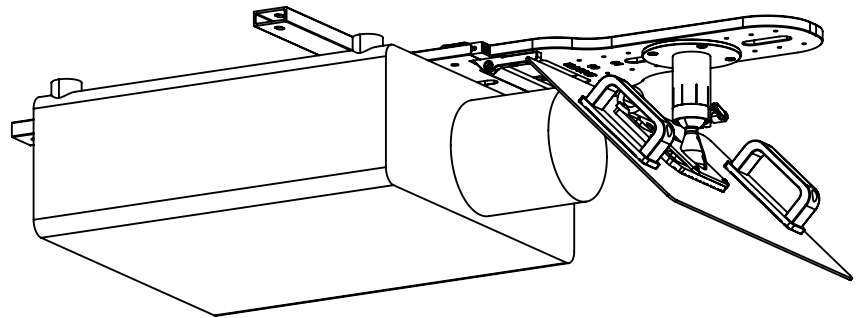
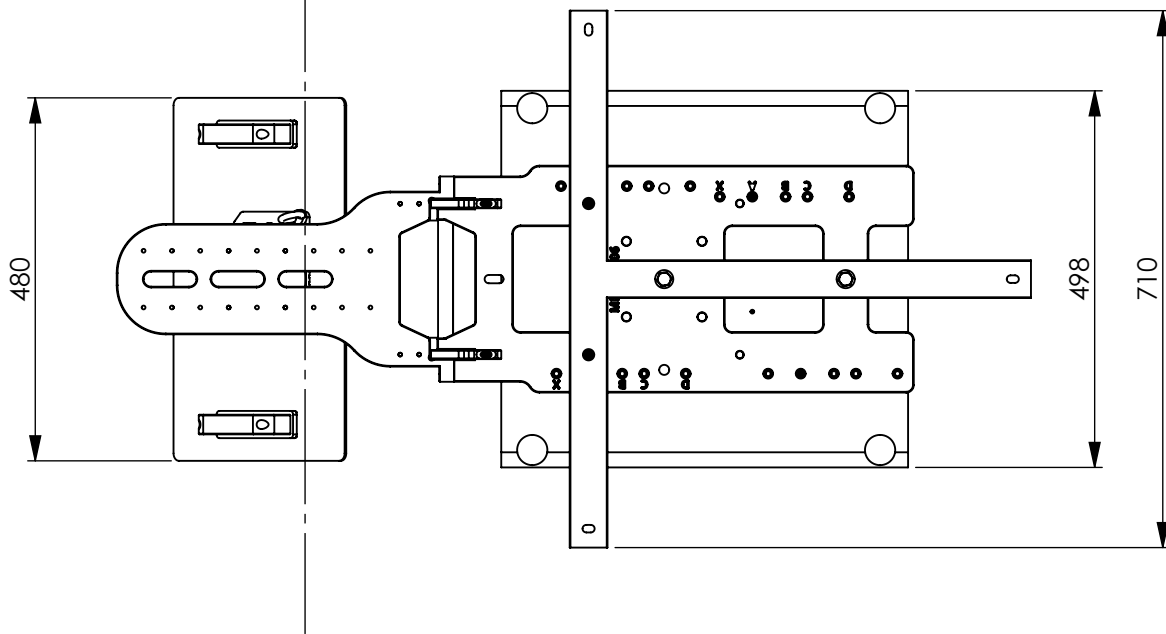
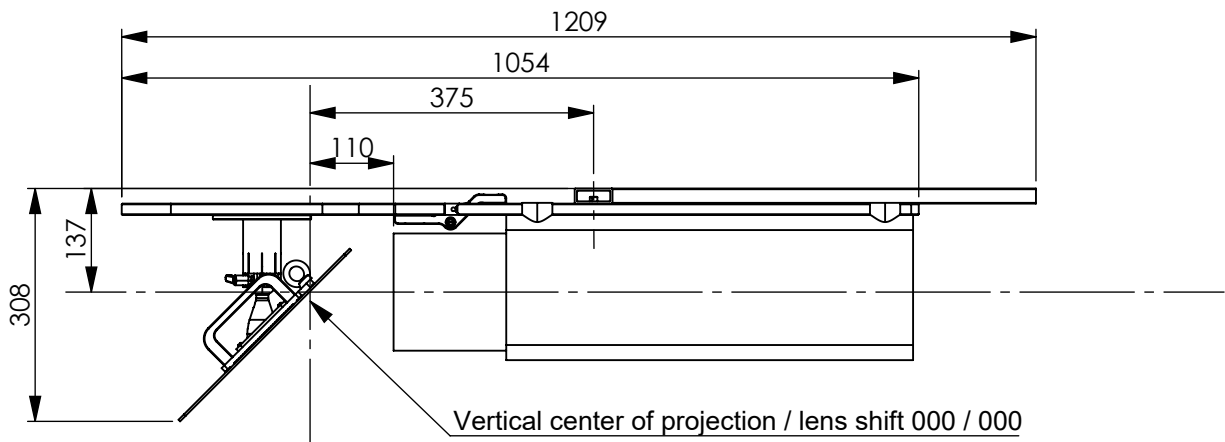
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DIN ISO 2768-1 m						 DYNAMIC PROJECTION INSTITUTE		Copyright (c) 2014-2024 by Dynamic Projection Institute Herstellungs und Vertriebs GmbH. All Rights Reserved.	
NAME		SIGNATUR		DATUM		BENENNUNG:			
GEZEICHNET		Stokic		05.04.2024		How to mount the ceiling mount MHB-CMxx to the base plate			
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GENEHMIGT									
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QUALITÄT									
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Mirror Size M340 = 340 x 250 mm / Pole P056 - Pos 03 / Projector Plate Pos A

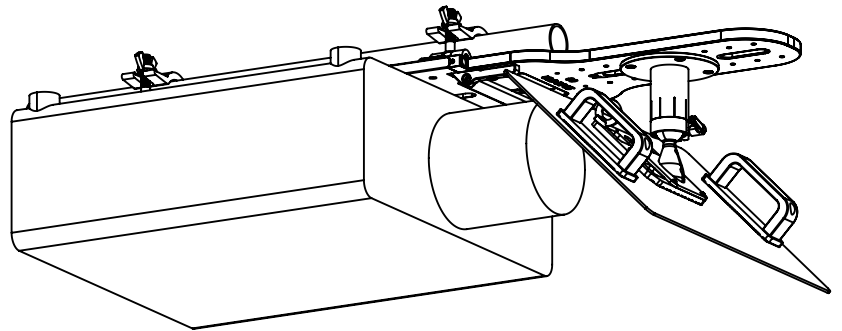
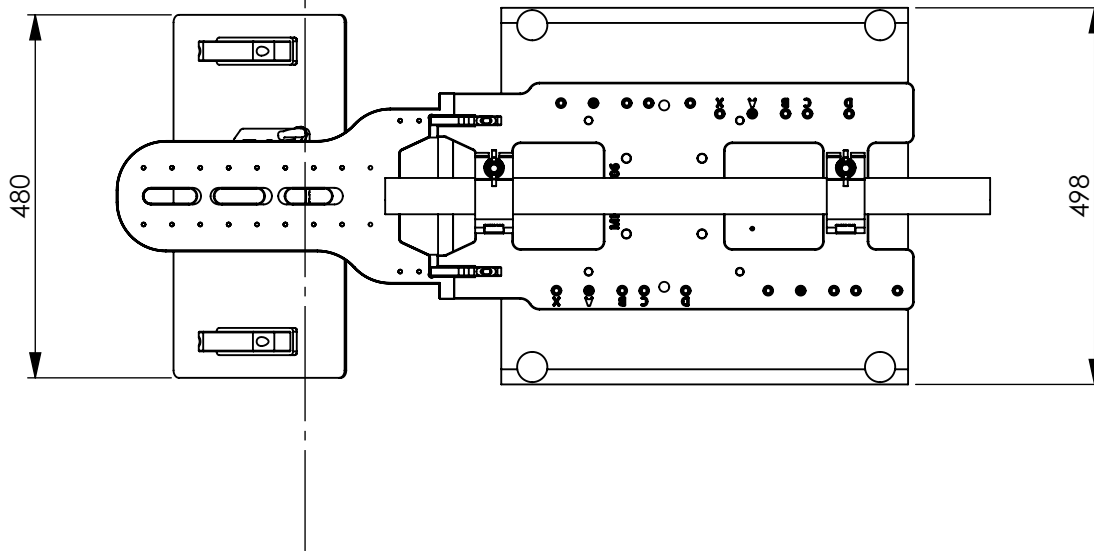
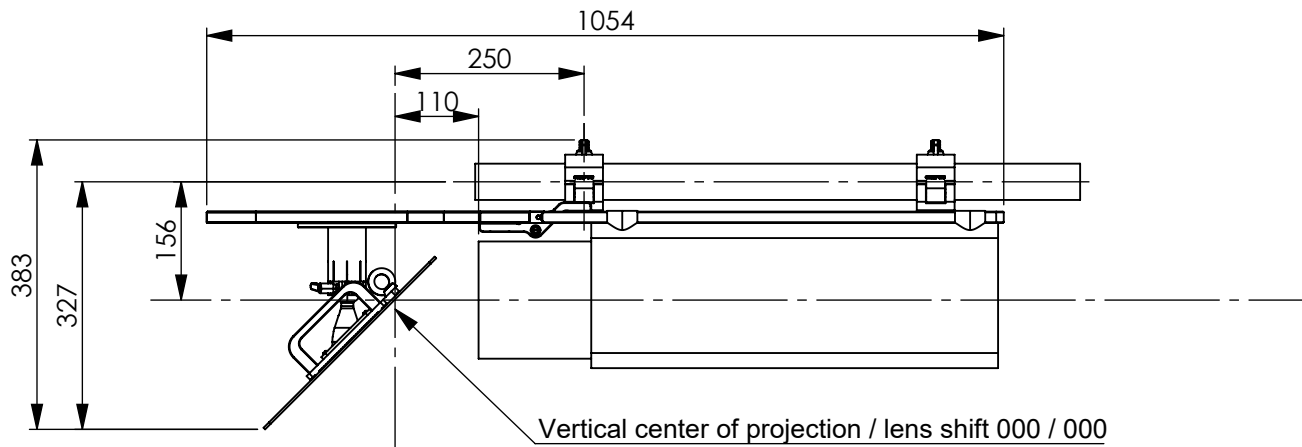
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						BENENNUNG:			
						ULS-MB-3405 + MHB-4706 with Panasonic PT-REQ15 + ET-C1W500 T.R. 0.94-1.39:1 + Ceiling Mount MHB-CM47			
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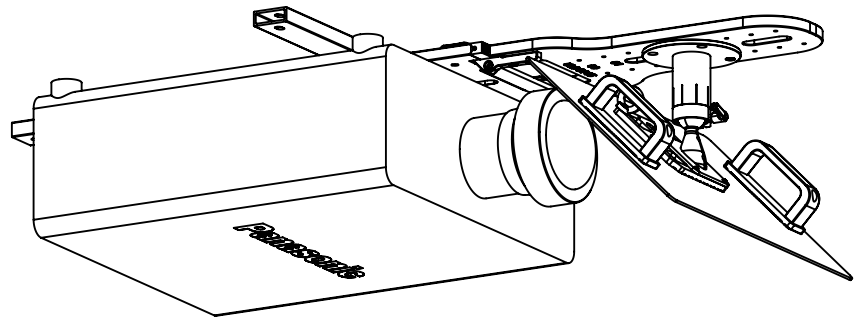
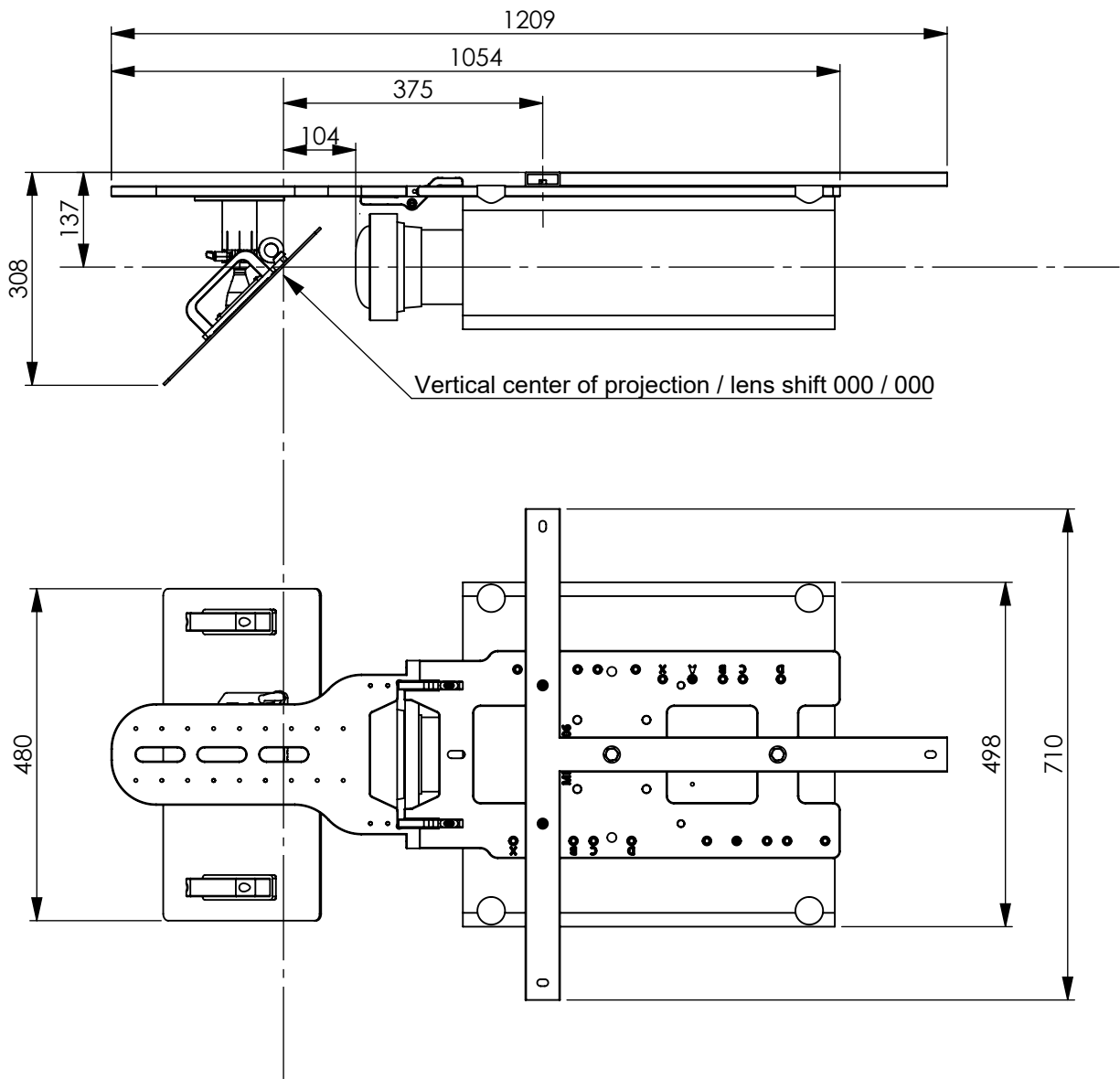
Mirror Size M480 = 480 x 320 mm / Pole P088 - Pos 03 / Projector Plate Pos A

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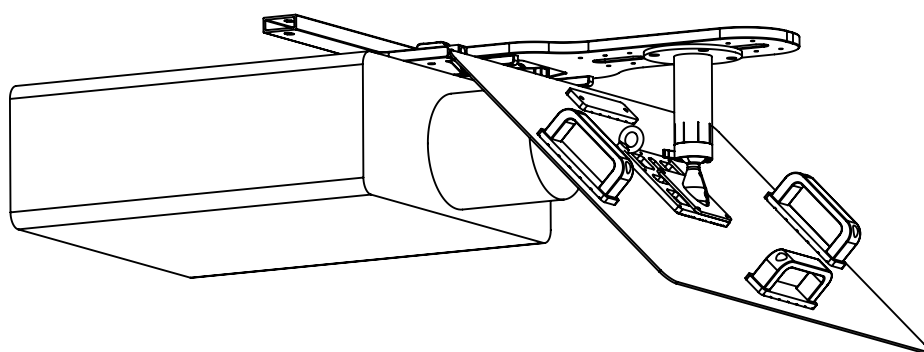
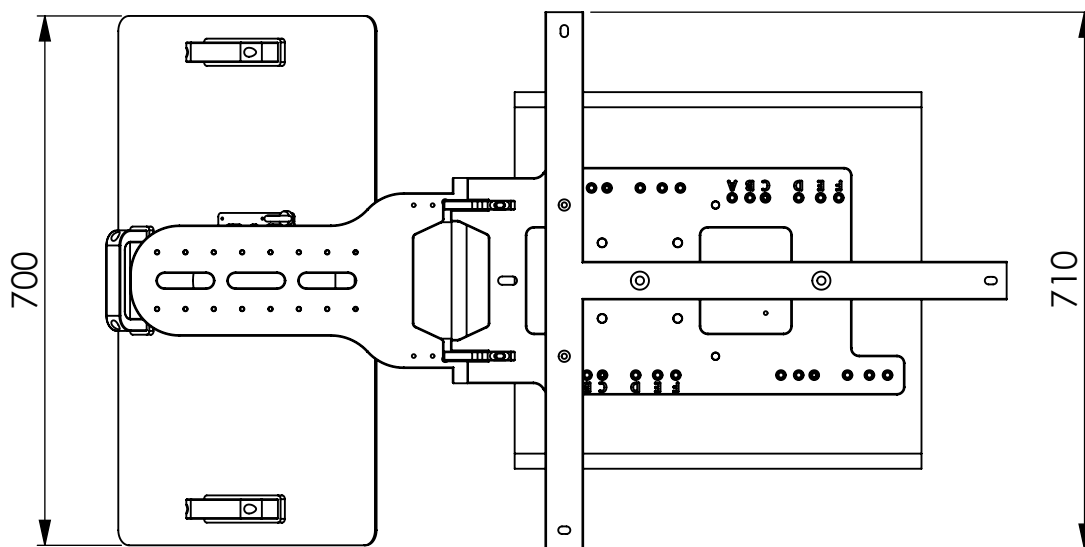
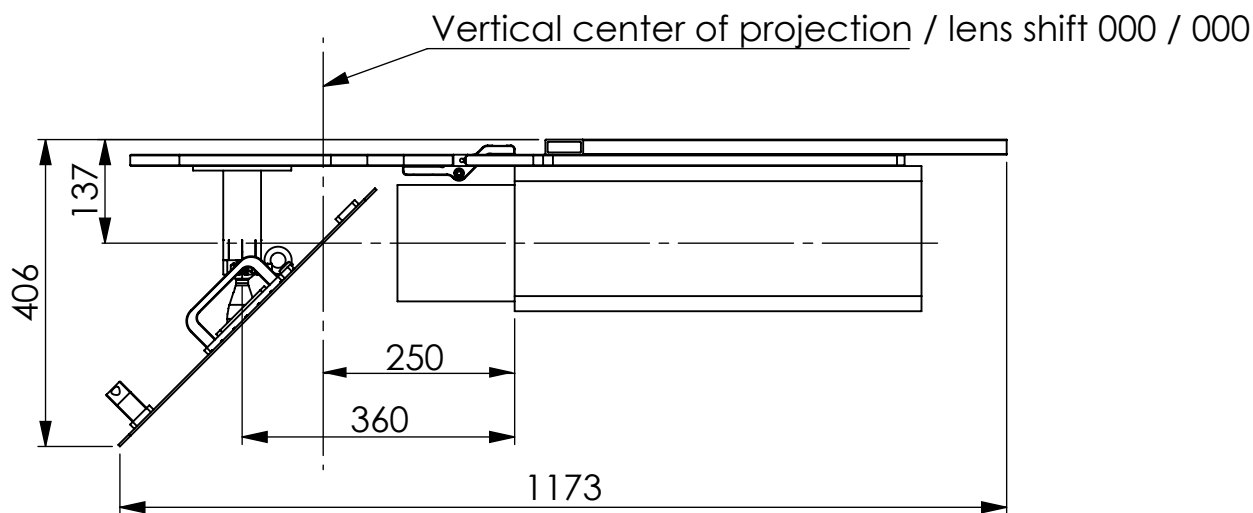
Mirror Size M480 = 480 x 320 mm / Pole P088 - Pos 03 / Projector Plate Pos A

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						BENENNUNG:		ULS-MB-4808 + MHB-4706 and HalfCoupler + Pipe PT-REQ15 ET-C1W400	
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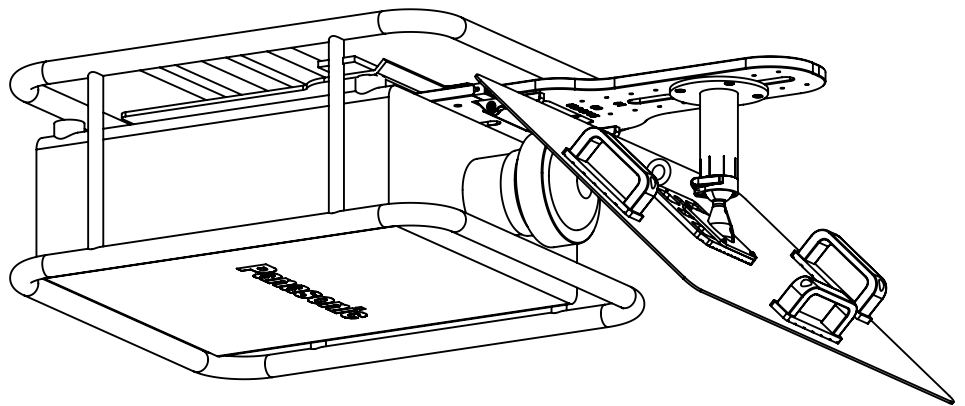
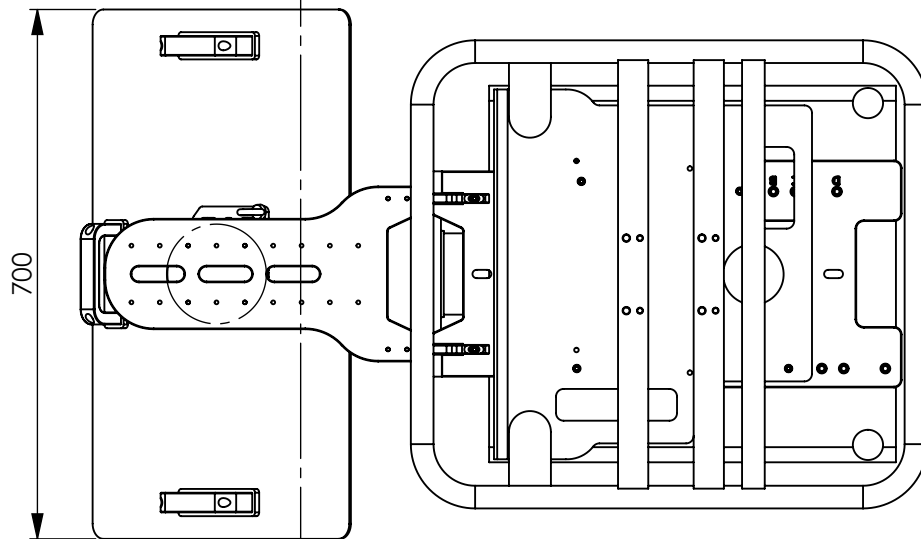
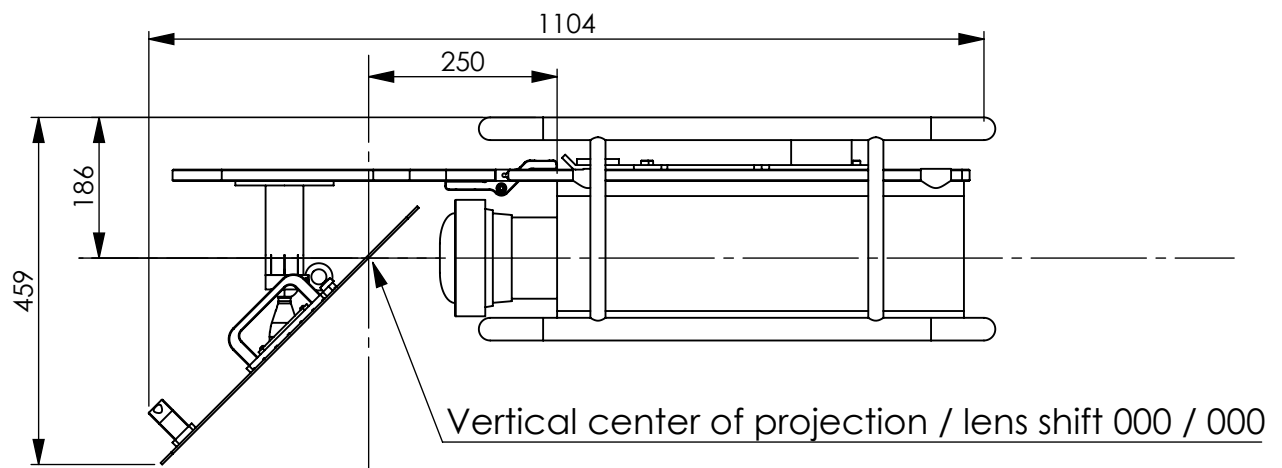
Mirror Size M480 = 480 x 320 mm / Pole P088 - Pos 03 / Projector Plate Pos A

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PRODUKTION									
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Mirror Size M700 = 700 x 480 mm / Pole P135

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NAME		SIGNATUR		DATUM		BENENNUNG:			
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Mirror Size M700 = 700 x 480 mm / Pole P135 - Pos 04

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