



Mounting Guide ULS Mirror Panasonic PT-RQ7 Series 1-Chip DLP™ 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.

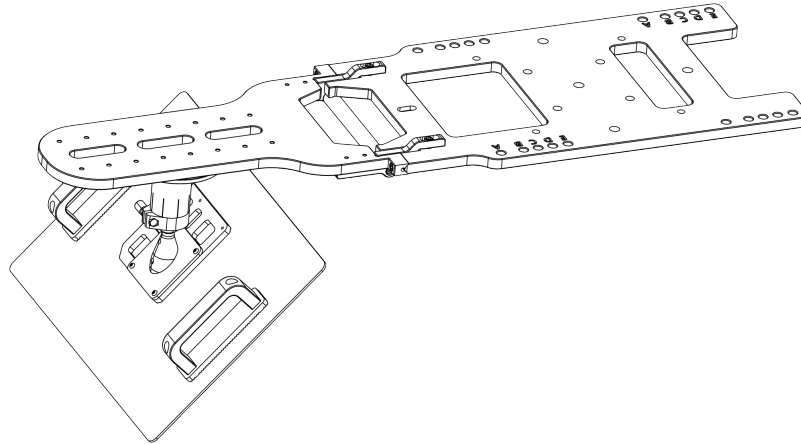
⚠ Safety Notice

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

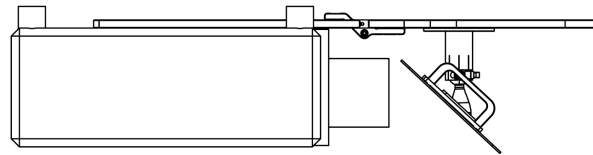


ULS Mirror Set 48/08

Projector Plate MHB-4706

This guide applies to the following variants designed for use with Panasonic PT-RQ7L / PT-RQ6L / PT-RZ7L / PT-RZ6L projectors, depending on the lens in use and the respective mirror deflection angle.

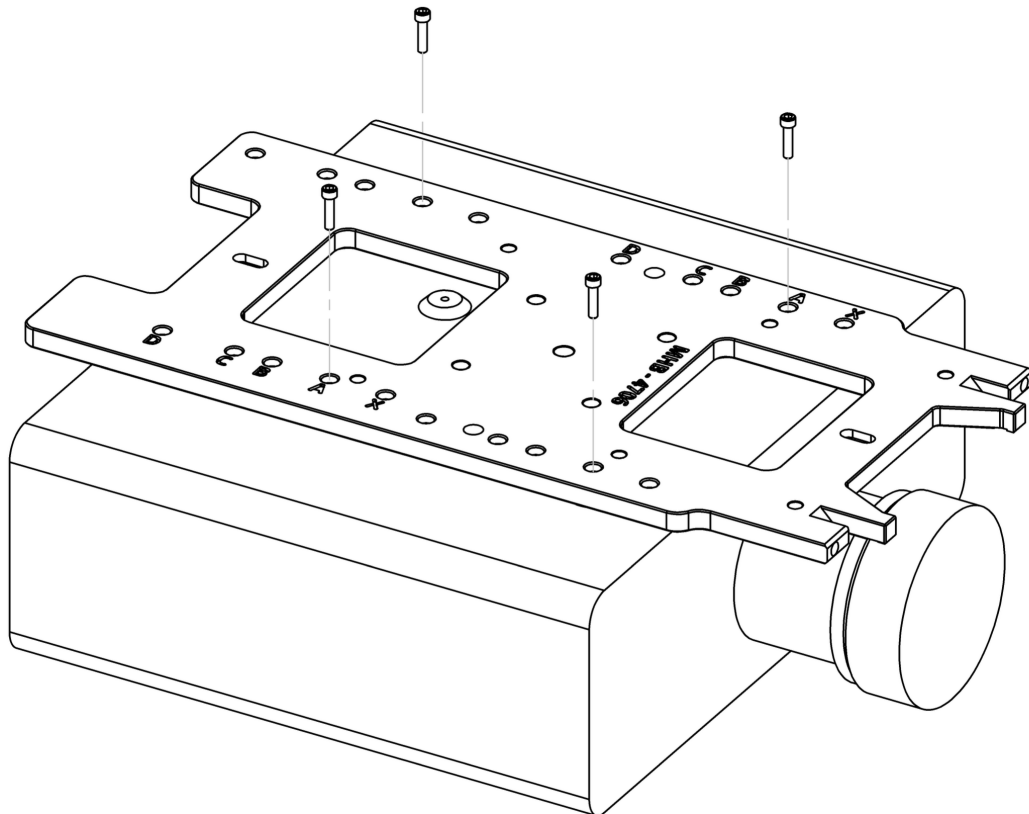
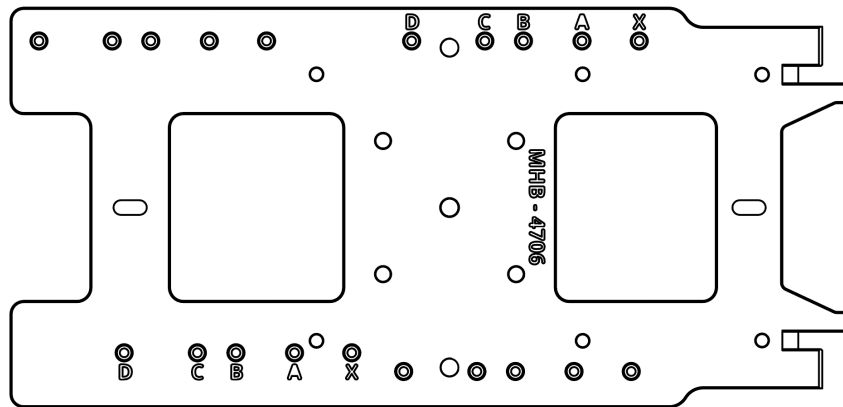
Three ULS Mirror Set are available. Depending on the lens used – and consequently the throw ratio – as well as the deflection angle of the mirror, different mirror sizes and pole heights are required. Please note: the values listed below apply exclusively to a 90° vertical deflection. Different deflection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



Panasonic Lens PT-RQ7 16:9	Throw Ratio	ULS-Mirror	Pole	ULS Mirror Set
ET-DLE060	0.6 - 0.8:1	M700	P135 / 135 mm	ULS-MB-7013
ET-DLE060 ≥ 0.65:1	0.65 - 0.8:1	M480	P088 / 88 mm	ULS-MB-4808
ET-DLE055 / 050	0.78:1	M480	P088 / 88 mm	ULS-MB-4808
ET-DLE055 / 050	0.78:1	M340	P056 / 56 mm	ULS-MB-4305
ET-DLE085 / 080	0.78 - 0.97:1	M480	P088 / 88 mm	ULS-MB-4808
ET-DLE085 ≥ 0.8:1	0.8 - 0,97:1	M340	P088 / 88 mm	ULS-MB-4308
ET-DLE085 ≥ 0.9:1	0.9 - 0,97:1	M340	P088 / 88 mm	ULS-MB-4308
ET-DLE105	0.97 - 1.32:1	M340	P056 / 56 mm	ULS-MB-4305
ET-DLE150 – DLE350	1.29 - 5,42:1	M340	P056 / 56 mm	ULS-MB-4305

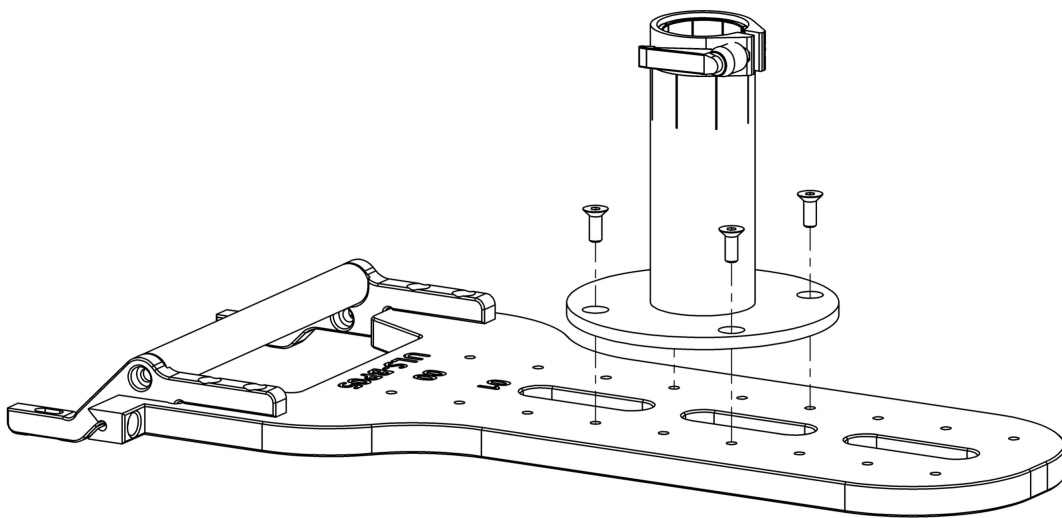


1. Place the Projector Plate MHB-4706 / MHB-4705 onto the projector by using 4x M6 x 20 socket screws. Ensure that the correct side of the Projector Plate is facing upward and the mounting position is "A".





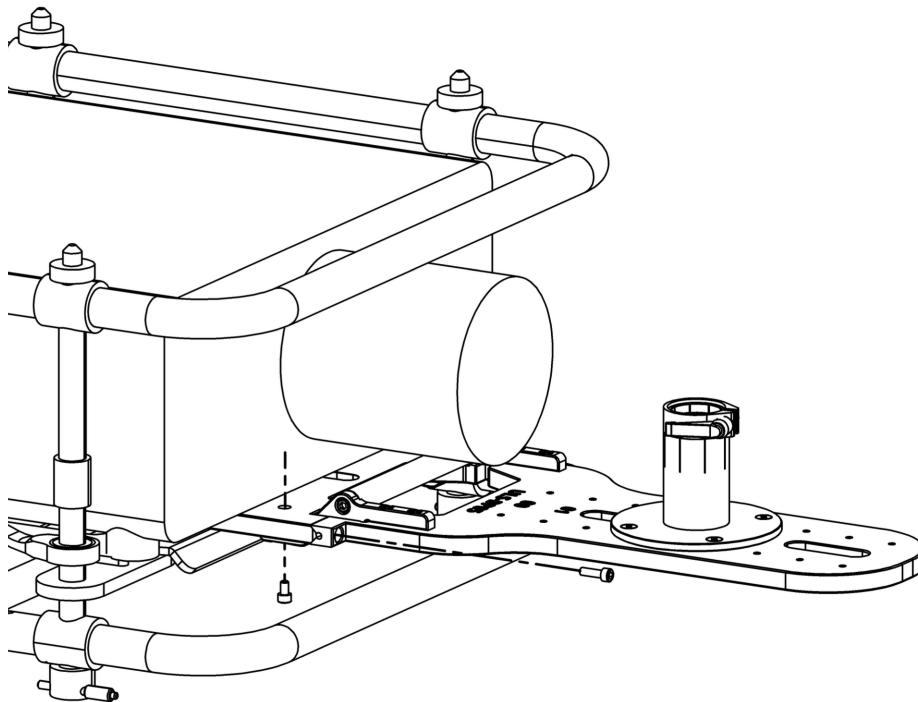
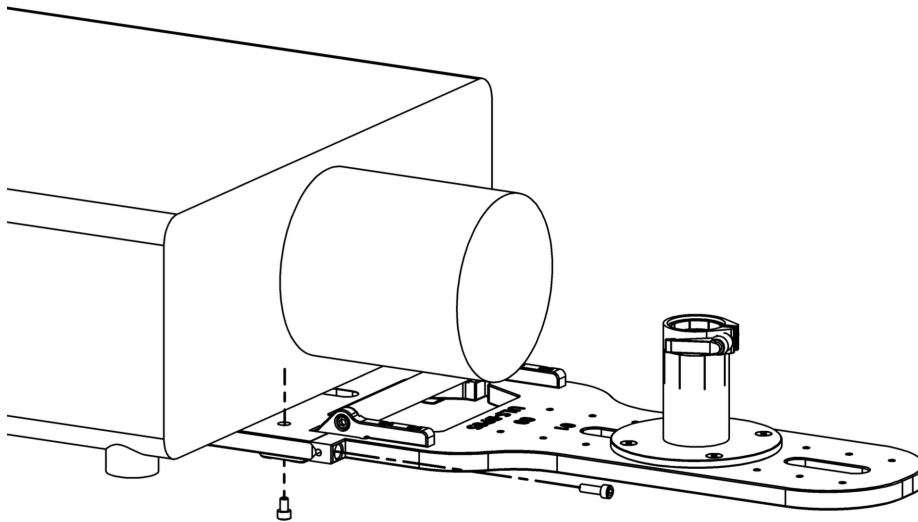
2. Mount the ULS Pole onto the ULS Base Plate ULS-BP05 using the 4x M6 x 16 countersunk screws as shown below. Depending on the mirror size and the lens used, please follow the recommended position (0-6) as indicated in the list below. For lenses with longer throw ratio positions further away from the 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



Panasonic Lens PT-RQ7 16:9	Throw Ratio	Mirror Size	Pole	ULS Base Plate / Mounting Position
ET-DLE060	0.6 - 0.8:1	700 x 480	P135 / 135 mm	Pos 04
ET-DLE060 $\geq$ 0.65:1	0.65 - 0.8:1	480 x 320	P088 / 88 mm	Pos 03
ET-DLE055 / 050	0.78:1	480 x 320	P088 / 88 mm	Pos 01
ET-DLE055 / 050	0.78:1	320 x 250	P056 / 56 mm	Pos 00
ET-DLE085 / 080	0.78 - 0.97:1	480 x 320	P088 / 88 mm	Pos 02
ET-DLE085 $\geq$ 0.8:1	0.8 - 0.97:1	320 x 250	P088 / 88 mm	Pos 01
ET-DLE085 $\geq$ 0.9:1	0.9 - 0.97:1	320 x 250	P088 / 88 mm	Pos 02
ET-DLE105	0.97 - 1.32:1	320 x 250	P056 / 56 mm	Pos 03
ET-DLE150 – DLE350	1.29 - 5,42:1	320 x 250	P056 / 56 mm	Pos 02 - 06



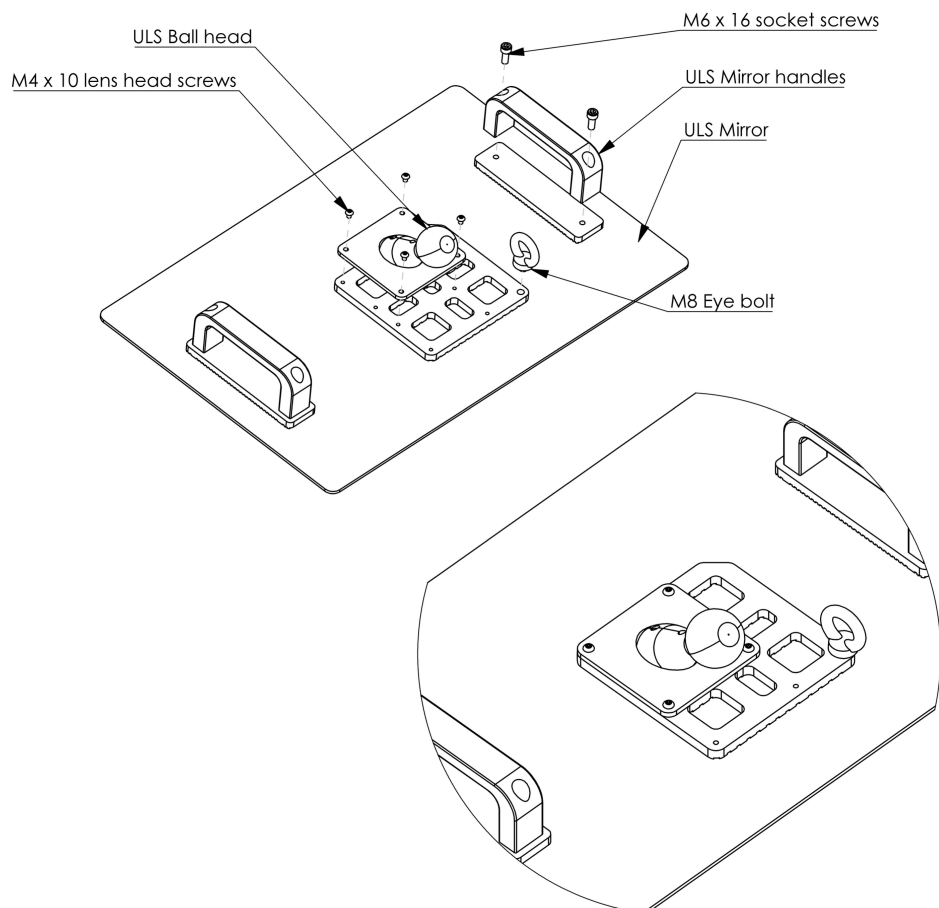
3. Mount the ULS Base Plate ULS-BP05 onto the Projector Plate MHB-4706 / MHB-4705 by using 2x M6 x 20 socket screw and from below 2x M6 x 10 socket screws.





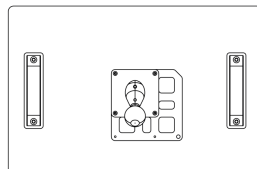
4. Mirror assembly – the figure shows a ULS-M340 mirror (340 x 250 mm)

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



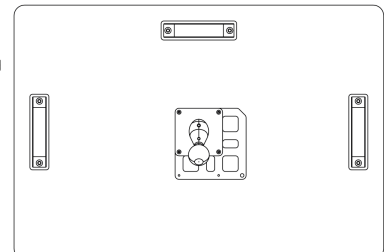
ULS Mirror M480

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



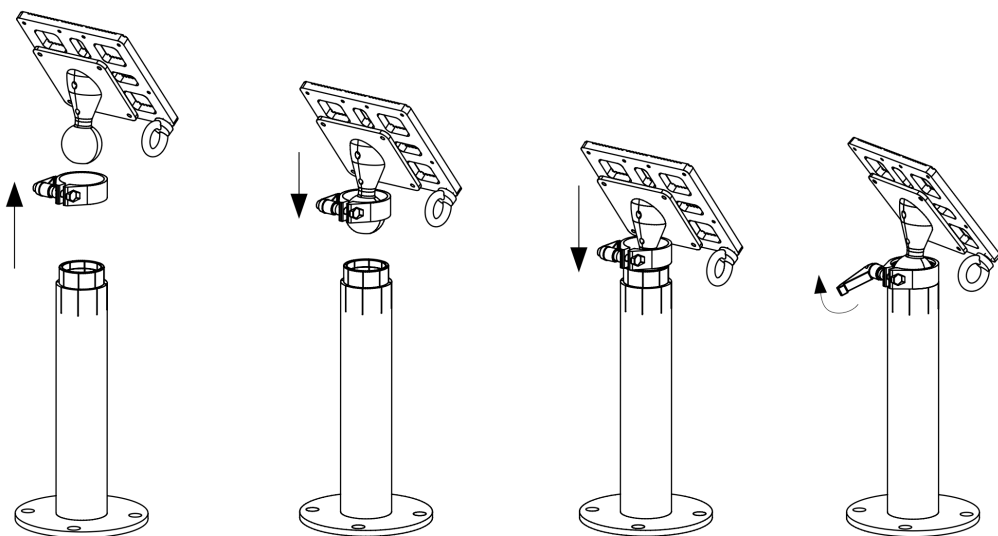
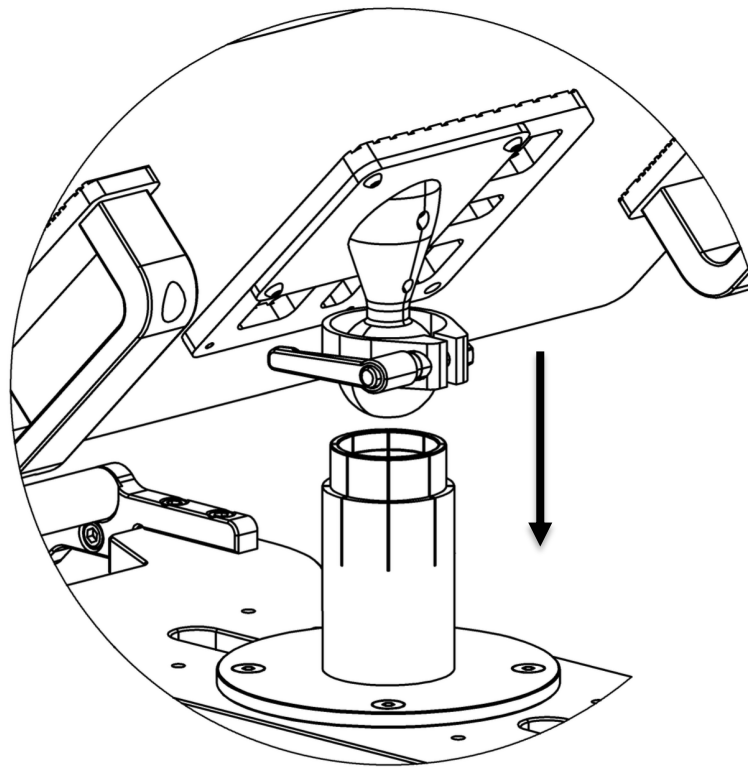
ULS Mirror M700

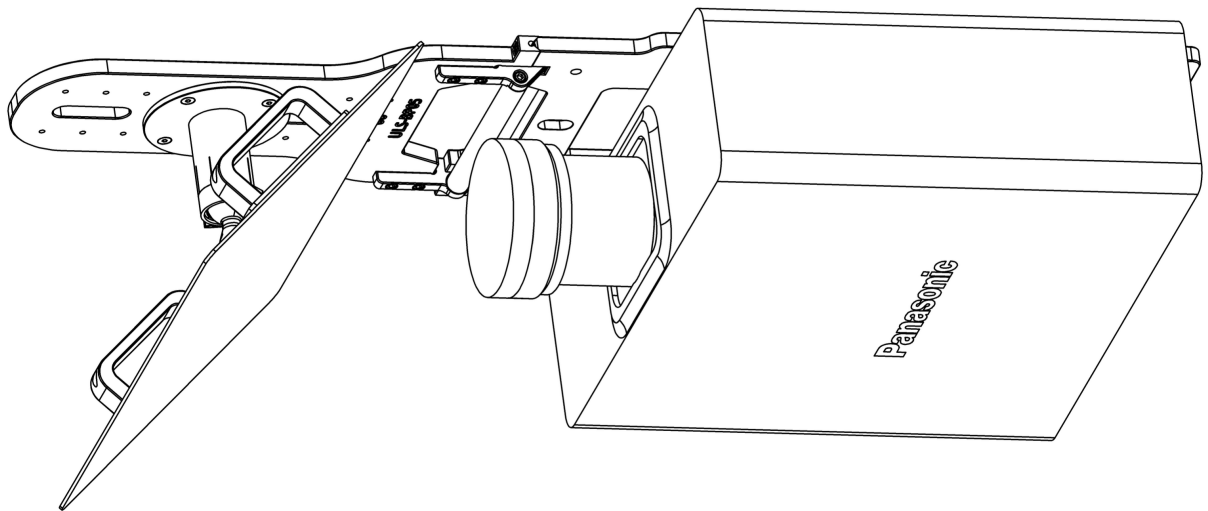
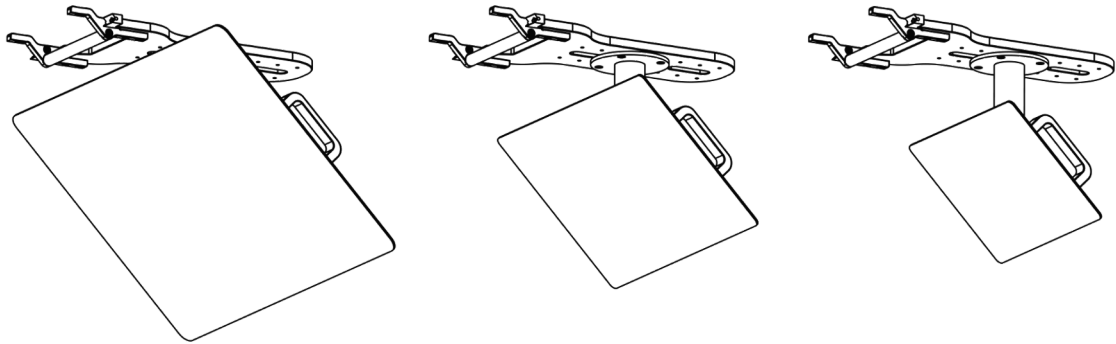
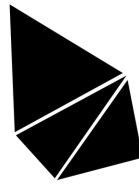
- Removable / changeable handles.
- Changeable positions of ball head
- Mirror size 700 x 480 mm
- Code: ULS-M700





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.

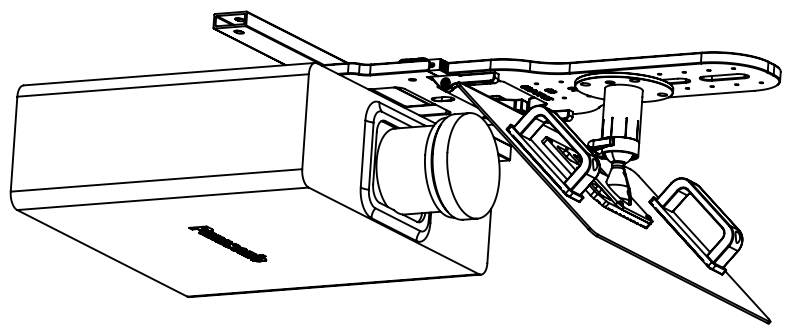
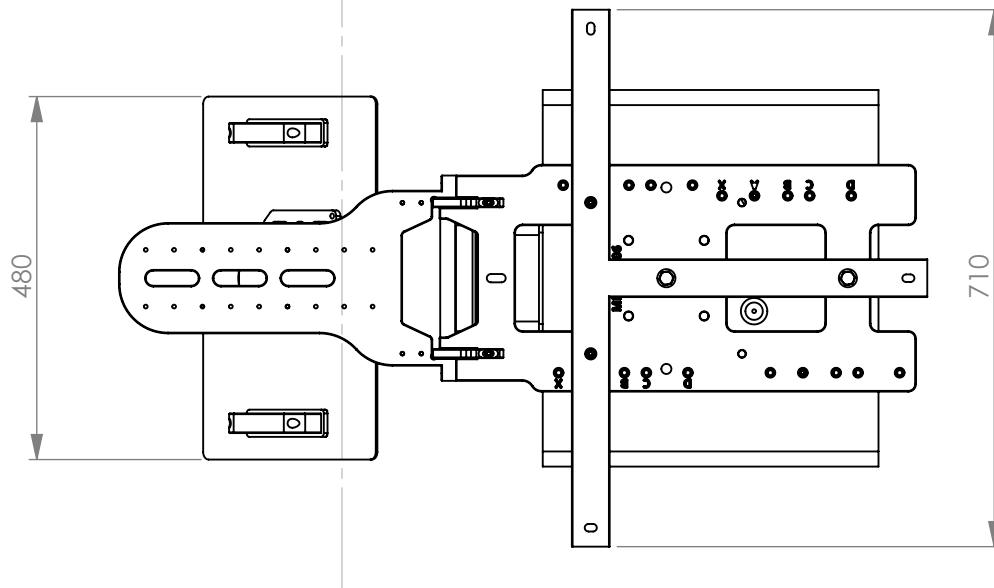
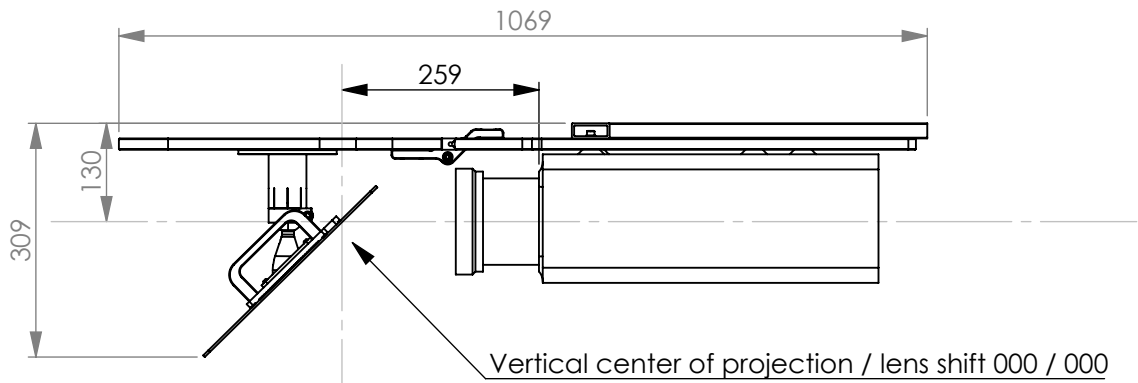




Panasonic PT-RQ7L + ET-DLE085
ULS Mirror M480 (ULS Mirror Set 48/08)

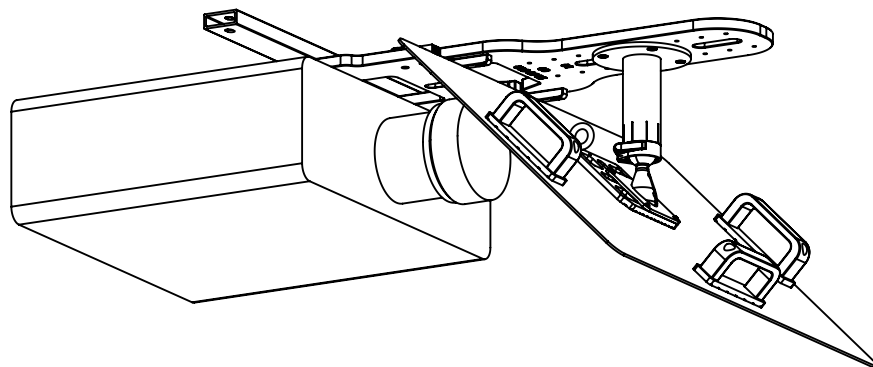
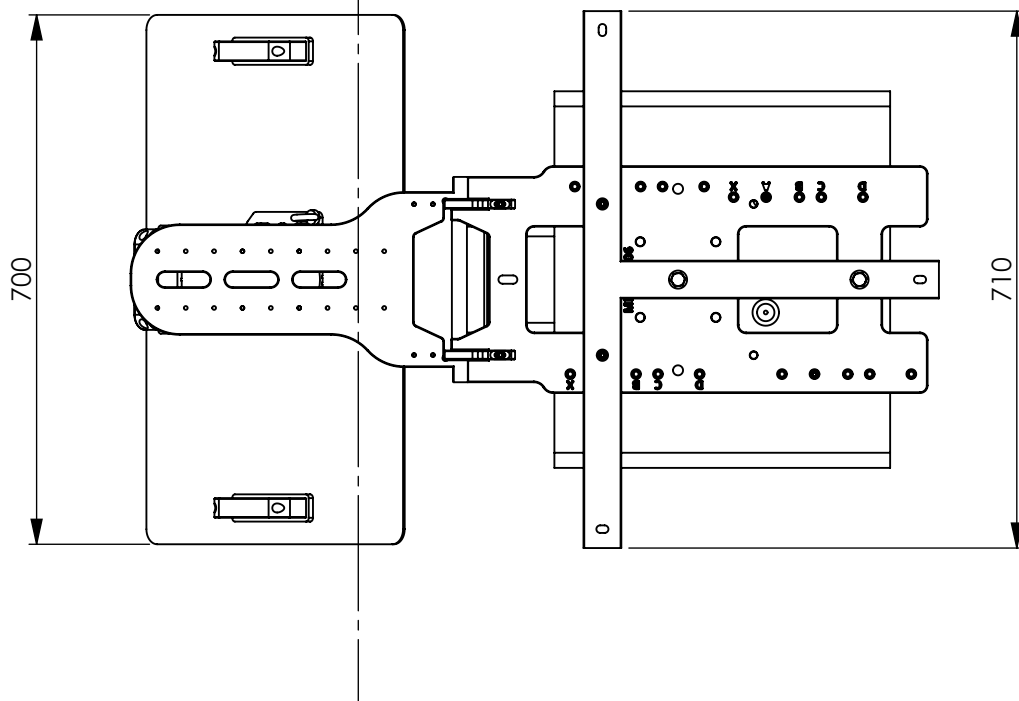
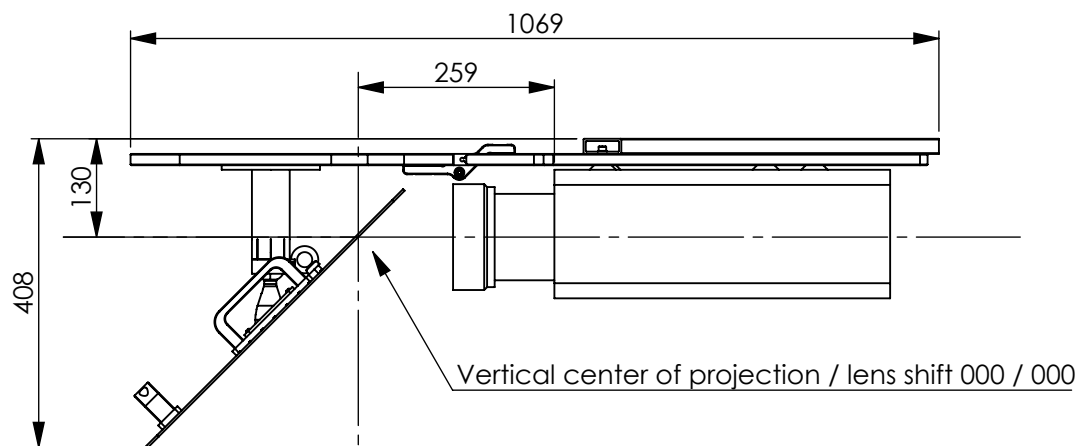
Extended information regarding mounting configurations, mechanical integration, and safety instructions can be found in the official installation manual. Please consult the manual on our website for complete guidance.

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



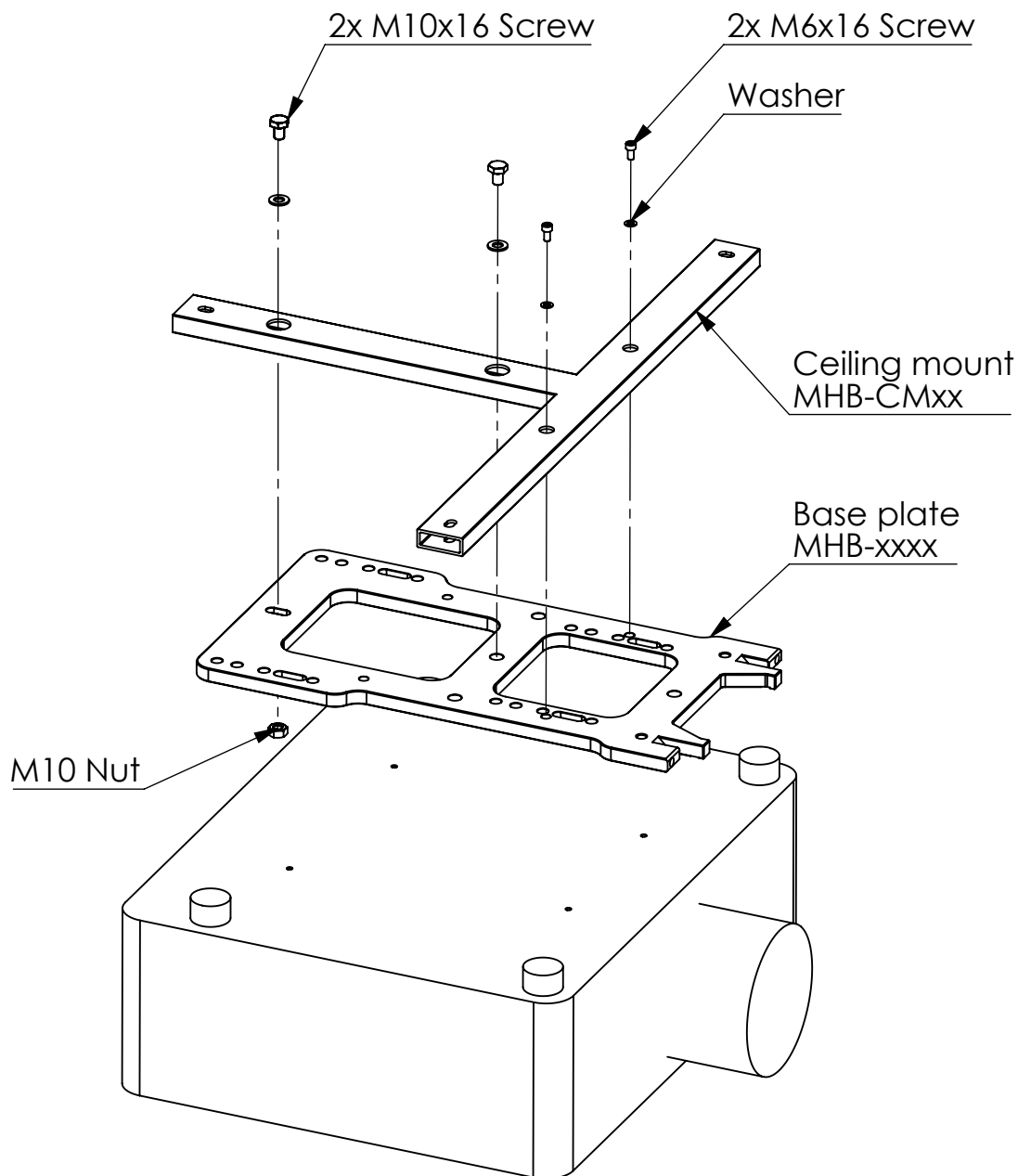
Mirror Size M480 = 480 X 340 mm / Pole P088 - Pos 02 / ET-DLE85 - Pos 2 / Projector Plate Pos A

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DIN ISO 2768-1 m						 DYNAMIC PROJECTION INSTITUTE		Copyright (c) 2014-2025 by Dynamic Projection Institute Herstellungs und Vertriebs GmbH. All Rights Reserved.	
	NAME	SIGNATUR	DATUM			BENENNUNG:			
GEZEICHNET	Stokic		28.10.2025			ULS-MB-4808 + MHB-4706			
GEPRÜFT						Panasonic PT-RQ7 +			
GENEHMIGT						ET-DLE085 / 0.78-0.97:1			
PRODUKTION						with Ceiling Mount MHB-CM26			
QUALITÄT				WERKSTOFF:		ZEICHNUNGSNR.		A4	
						DPI-ULS-MB-4808_RQ7_CM26			
				GEWICHT:		MASSSTAB: 1:10		BLATT 1 VON 1	



Mirror Size M700 = 700 x 480 mm / Pole P135 - Pos 03 / Projector Plate Pos A

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							 DYNAMIC PROJECTION INSTITUTE		Copyright (c) 2014-2025 by Dynamic Projection Institute Herstellungs und Vertriebs GmbH. All Rights Reserved.		
	NAME	SIGNATUR	DATUM			BENENNUNG: ULS-MB-7013 + MHB-4706 Panasonic PT-RQ7 + ET-DLE060 / 0.60-0.80:1 with Ceiling Mount MHB-CM26					
GEZEICHNET	Stokic		13.10.2025								
GEPRÜFT											
GENEHMIGT											
PRODUKTION											
QUALITÄT				WERKSTOFF:		ZEICHNUNGSNR.				A4	
						DPI-ULS-MB-7013_RQ7_CM26					
				GEWICHT:		MASSSTAB: 1:10				BLATT 1 VON 1	



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NAME Stokic		SIGNATUR		DATUM 05.04.2024		BENENNUNG: How to mount the ceiling mount MHB-CMxx to the projector plate			
GEZEICHNET						ZEICHNUNGSNR. DPI-MHB-2604_MHB-CM26			
GEPRÜFT									
GENEHMIGT									
PRODUKTION									
QUALITÄT						A4			
						GEWICHT:			
						BLATT 1 VON 1			