

ET-EMU100/ET-ELU20

Ultra-Short-Throw Zoom Lenses for LCD Projectors

AVAILABLE FROM AUGUST 2021 (ET-EMU100) / SEPTEMBER 2021 (ET-ELU20)

Expand the Scope of Your Spatial Design with Zero Offset Ultra-Short-Throw Zoom Lenses for Immersive LCD Projection



ET-EMU100



ET-ELU20

Specifications (Tentative)

	ET-EMU100	ET-ELU20
Lens type	Ultra-Short-Throw Zoom Lens	
F value	1.9	2.0
Focal length	(f) 7.22–7.72 mm	(f) 5.43–5.82 mm
Screen size	100–400 inches	100–400 inches
Throw ratio (WUXGA)	0.330–0.353:1	0.330–0.353:1
Lens-shift (Powered) ¹	Vertical: +50 % – -20 % Horizontal: +20 % – -20 %	+50 % – -50 % +24 % – -24 %
Zoom	x1.07	x1.07
Dimensions (W x H x D)	200 x 200 x 509 mm (7 7/8" x 7 7/8" x 20 1/32")	170 x 170 x 449.3 mm (6 11/16" x 6 11/16" x 17 11/16")
Weight	Approx. 7.2 kg (15.9 lbs)	Approx. 4.0 kg (8.8 lbs)
Compatible projectors	PT-MZ16KL PT-MZ13KL PT-MZ10KL	PT-MZ880 ² PT-MZ780 ² PT-MZ680 ²

¹ Value is for ceiling installations at WUXGA resolution. For floor installations, up and right shift will be defined as a positive value. Down and left shift will be defined as a negative value. ² PT-MZ880 Series LCD Laser Projector scheduled for release May 2021. Release date may vary by country or region.

• Ultra-Short-Throw Versatility with Zero Offset

Deliver a 200-inch (16:10) image from 1.43 m (4.69 ft) with zero offset for immersive performance in tight spaces. Viewers can approach the screen without casting a shadow while mirrorless design supports unobstructed front-projection visibility and screen-centered installation for rear-projection.

• Flexibility Streamlines Installation Workflow

Optical zoom enhances projector location flexibility. Typically required installation precision is reduced with adjustment performed via zoom and V/H Lens-Shift after the projector is installed without needing to remove and relocate the unit, saving time.

• Durability for Peace of Mind

ET-ELU20 features heat- and scratch-resistant glass lens that lasts longer in professional applications without maintenance. ET-EMU100 supports AFO (Active Focus Optimizer) to keep images sharp as temperatures fluctuate. Both lenses support higher brightness and resolution for compatibility with future projectors.