

# FLDX 0.9 : 1.3 (EN76) lens

Short throw zoom lens for F40/F70/F90



The EN76 lenses are designed specifically to maximize brightness, eliminate dust contamination, and to withstand motion and vibration through an improved barrel design. The lens consists of 20 glass elements with different coatings for the most demanding high-resolution performance, as well as being optimized for night vision and IR transmission. Additionally, to seal off unwanted air flow through the projector's front, through the grooves along the lens, a dust sealing has been designed.

For an unprecedented performance on motion platforms you can lock the internal lens elements into position, using the cam follower pins/plastic bushings and screws supplied with the EN76 (standard) lens. Or choose the EN76-M lens where the internal barrel elements have already been tightened to perfection, providing extreme stability in even the toughest dynamic conditions. Please note that the latter option does not allow for regular lens adjustments of zoom and focus as it would cause wear over time. Contact your sales representative to help you choose the correct lens for your needs.

Can also be used on the Barco F80-series with adapter and related software.

**Product specifications****FLDX 0.9 : 1.3 (EN76) LENS**

General specifications	
Lens type	Short Throw Zoom Lens for F40/F70/F90– with indexing encoders
Working F/#	F/2.1 – F/2.32 Motorized Iris F/2.1-9.0
Throw Ratio	DMD chip <ul style="list-style-type: none"><li>■ WQXGA/4K 0.95 – 1.30:1</li><li>■ 1080p/WUXGA 0.89 – 1.21:1</li><li>■ F400-HR: 0.83-1.14:1 (native 4K) Requires the use of individual F400-lens adapters.</li><li>■ Image size tolerance +/- 2 %</li></ul>
Zoom ratio	1.37 Motorized zoom
Focal length	19.04-26.02 mm
Focus Range	0.9-7.0 m – motorized focus
Weight	3.66 kg

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