

# FLDX 2.5 - 4.6 (EN64)

Long Zoom lens with encoders



The EN64 is an all-glass lens that is designed to optimize the image quality and performance of your projection product. The internal lens elements are carefully selected and coated to achieve the highest resolution performance and the coatings are furthermore optimized for night vision and IR transmission for training with Night Vision Goggles. The lens comes with encoders for accurate positioning of zoom, focus and iris.

Can also be used on the Barco Fx400-HR series with adapter.

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

**PRODUCT SPECIFICATIONS****FLDX 2.5 - 4.6 (EN64)**

<b>Lens type</b>	FLDX EN64 Long Zoom lens with encoders for
<b>Platform</b>	Fx40 Mk1/Mk2, Fx70, F90 and Fx400
<b>Working F/#</b>	F 2.04-2.87 Motorized Iris F/2.04-6.0
<b>Throw Ratio</b>	DMD chip <ul style="list-style-type: none"><li>■ 4K 2.19-4.05:1</li><li>■ WQXGA 2.50-4.63:1</li><li>■ WUXGA 2.33-4.32:1</li></ul> TR: Front of lens, 111.4'@6m  Image size tolerance +/-2%
<b>Zoom ratio</b>	1.85 Motorized zoom and focus
<b>Focal length</b>	49.52 – 91.6 mm
<b>Focus Range</b>	Standard: 2.5m –25m (Optical)
<b>MTBF</b>	66 lp/mm Center: 60% min, Corner 50% min
<b>Lateral lens color on edge of image</b>	440-650nm < 3.78 micron
<b>Optical</b>	Optical distortion Within -1.0 % at any projection distance
<b>Weight</b>	3.08 kg
<b>Lens Shift</b>	vertical +/-134% horizontal +/-50%

Last updated: 15 Nov 2022

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.