

S3X Optics Module for DMD Discovery™ 4000 .55XGA

Description

The S3X Optics Module is an important accessory for users that require a high-quality projection component that matches the superior performance levels of the [Discovery D4000 .55XGA](#) control board.

The S3X is an ultra-compact module that consists of a [Carl Zeiss®](#) zoom projection lens, illumination system w/ integrator, relay system, and an in-coupling mirror and fixture interface. This system is designed to provide the highest optical efficiency for the projection output, which can be regulated and adjusted via the zoom lens.

The S3X Optics Module is designed to work seamlessly with the [DLi Optics Adapter](#). This versatile adapter allows for fiber optic light pipes of variable diameters to be connected to the S3X and used as a light source. The S3X, when used in conjunction with the DLi adapter and the user's fiber optics, will provide a projection solution ideal for the capabilities of the [Discovery D4000 .55XGA](#).

Specifications

Focus range	1.5m - 5m (overdrive from 1m- 10m)
F number	2.5 - 2.74
Throw ratio (distance to image width)	TR = 1.94 to 2.27
Modulation Transfer Function (MTF)	> 45%@46 lp/mm
Brightness	3,000 Lumen
Contrast	1800 : 1 Full on/off; 450 : 1 ANSI
Uniformity	+27/ -35 % (ANSI)
Image distortion	7.5 Pixel Keystone; 2.5 Pixel Pincushion
Dimensions	65 mm (W) x 78 mm (L) x 45 mm (H)
Weight	215 g

Delivery Package

S3X optical module

Ordering Details

DLi Part Number: ACC-S3X



To purchase, please call Digital Light Innovations Sales at (512) 617-4713 or e-mail Sales@dlinnovations.com.