

KEY FEATURES & SPECIFICATIONS

- DLP® Digital Micromirror Device (DMD) Options
 - DLP6500FYE .65" 1080p Type-S DMD
 - DLP6500FLQ .65" 1080p Type-A DMD
- DLP® Support Chip
 - DLPC900 Digital Controller
- Resolution
 - 1920 x 1080 (1080p)
 - > 2 Million Micromirrors
- Pattern rates
 - 1-bit - 9,500Hz
 - 8-bit - 250Hz
 - 8-bit Grayscale Video - 60Hz
- 2 Configurable I/O triggers for synchronization with cameras and other external devices
- USB 1.1 / HDMI / DisplayPort
- DLP® LightCrafter™ 6500 Firmware & Software Bundle
- Compatible with all Windows platforms
- Illumination Configurations
 - Monochrome LED - Red, Green, Blue or UV (405nm)
 - Fiber (5mm or 7mm diameter)
- RAY-65 Optics Module (LED or Fiber)
- Size / Weight: 3.9lb / 7.9in x 7.9in x 6.7in



The **DLi6500 .65" 1080p Optics Bundles** are high-performance, flexible DLP® development kit solutions that include illumination and optics in a small, robust light engine package for a wide array of light steering applications. A DLi6500 .65" 1080p Optics Bundle consists of the **DLi6500 .65" 1080p Development Kit (Type-S or Type-A)** and the **RAY-65 Optics Module (LED or Fiber)**.

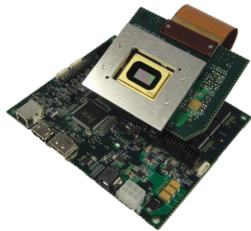
INCLUDES:

- DLP® LightCrafter™ 6500 Controller Board
- DLP DMD & Support Chip
 - DLP6500 .65" 1080p DMD (Type-S or Type-A)
 - DLPC900
- DMD Board & DMD Hardware (Type-A only)
- DMD Board & Socket (Type-S DMD)
- Flex Cable
- DLP® LightCrafter™ 6500 Firmware & Software Bundle
- RAY-65 Optics Module (LED or Fiber)
- Power Supply & Cable / USB Cable / HDMI Cable / DisplayPort Cable / GPIO Cable / Trigger Cable / Driver Cable

DLi6500

RAY Optics Bundles

BUNDLE BREAKDOWN



**DLP®
LightCrafter™
6500 Type-S
or Type-A EVM**



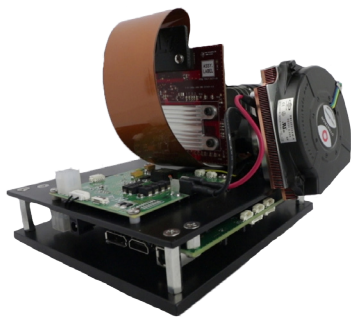
**DLP®
LightCrafter™
6500 USB-based
& Host GUI**
*free software and firmware downloads
from Texas Instruments*



**RAY-65
Optics Module**



**DLi Power Supply
& Cable Kit**



LED
*(uses a single-channel
R, G, B, or UV 405nm LED)*



Fiber

DLi6500 RAY LED or Fiber Optics Bundle

RAY-65 Optics Module **SPECIFICATIONS**

Aspect Ratio	16:9
Projection Width	130mm - 2000mm
Throw Distance	210mm - 3800mm
Throw Ratio	1.6 - 1.9
Projection Offset	110%
Brightness*	200 Lumens
Uniformity*	60%
ANSI Contrast*	450
FOFO Contrast	1000
Wavelength	420nm - 700nm (Type-S) 400nm - 700nm (Type-A)

* 4x4 Measurement Grid

** Green LED

*** Operating outside the wavelength range may result in lower performance and lifetime. No warranty is provided when DMD is used outside TI specified wavelength range.

DLi DIGITAL LIGHT innovations

Your DLP® & Optics Partner • A Texas Instruments Authorized Design House

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