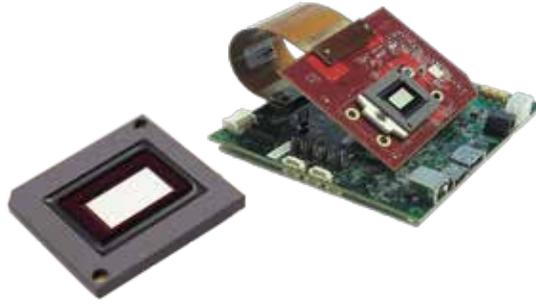
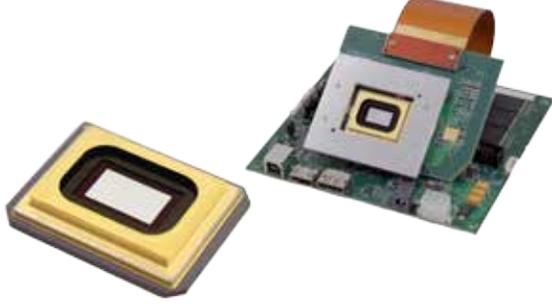


DMD/Chipset	DLP6500FYE .65" 1080p Type-S DMD DLPC900 Digital Controller	DLP6500FLQ .65" 1080p Type-A DMD DLPC900 Digital Controller
		
Power Capacity	- Lower power capacity; thermally limited*	- Higher power tolerance; thermally limited*
DMD Package	<ul style="list-style-type: none"> - Ceramic DMD with encapsulation over the DMD active array that is permeable - Not hermetically sealed; DMD may be susceptible to external environmental conditions if proper steps are omitted - Corning Eagle XG material used for DMD window - Both Type-S and Type-A DMD window types have an anti-reflective (AR) thin film coating on both the top and the bottom of the window glass material; AR coatings reduce reflections and increase transmission efficiency - Package dimensions 35mm x 32.2mm 	<ul style="list-style-type: none"> - Ceramic DMD that is hermetically sealed - Hermetic seal provides airtight protection from external elements - Designed to handle higher brightness levels and wider wavelength range - Corning 7056 material used for DMD window - Both Type-S and Type-A DMD window types have an anti-reflective (AR) thin film coating on both the top and the bottom of the window glass material; AR coatings reduce reflections and increase transmission efficiency - Package dimensions 40.64mm x 31.75mm
Mounting Concept	<ul style="list-style-type: none"> - DMD is mounted on to the DMD board via a socket soldered to PCB - Thru-holes available on DMD board for mounting user designed heatsink - A heatsink is not included in the DLI6500 Type-S Development Kit; its only included in the DLI6500 Type-S Optics Bundle 	<ul style="list-style-type: none"> - DMD is mounted on to the DMD board using a mounting hardware assembly consisting of spring-loaded interposer, face plate & heatsink - The mounting hardware assembly allows users greater flexibility to modify the heatsink or use of alternative thermal management solutions to meet their specific requirements - The heatsink is included in the DLI6500 Type-A Development Kit & Optics Bundle
Wavelength	- TI warranted from 420nm - 700nm	- TI warranted from 400nm - 700nm

*see DMD datasheet for recommended operating conditions for additional information

Texas Instruments (TI) References:

1. [DLP6500FYE .65" 1080p Type-S DMD Datasheet](#)
2. [DLP6500FLQ .65" 1080p Type-A DMD Datasheet](#)
3. [DLP® Series-600 DMD Mechanical, Thermal and System Mounting Concepts Application](#)
4. [Mounting Hardware and Quick Reference Guide for DLP® Advanced Light Control DMDs](#)