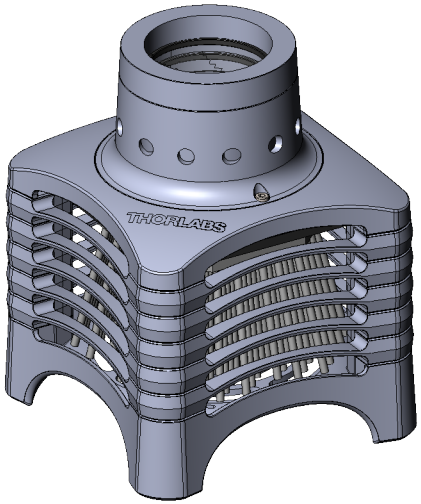
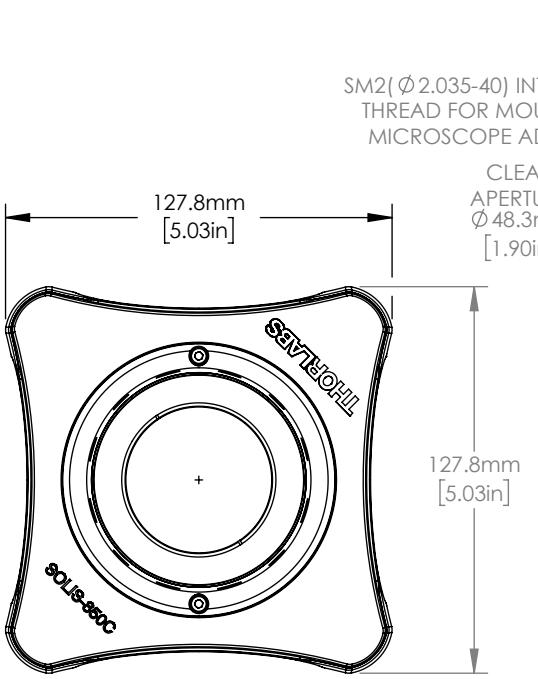
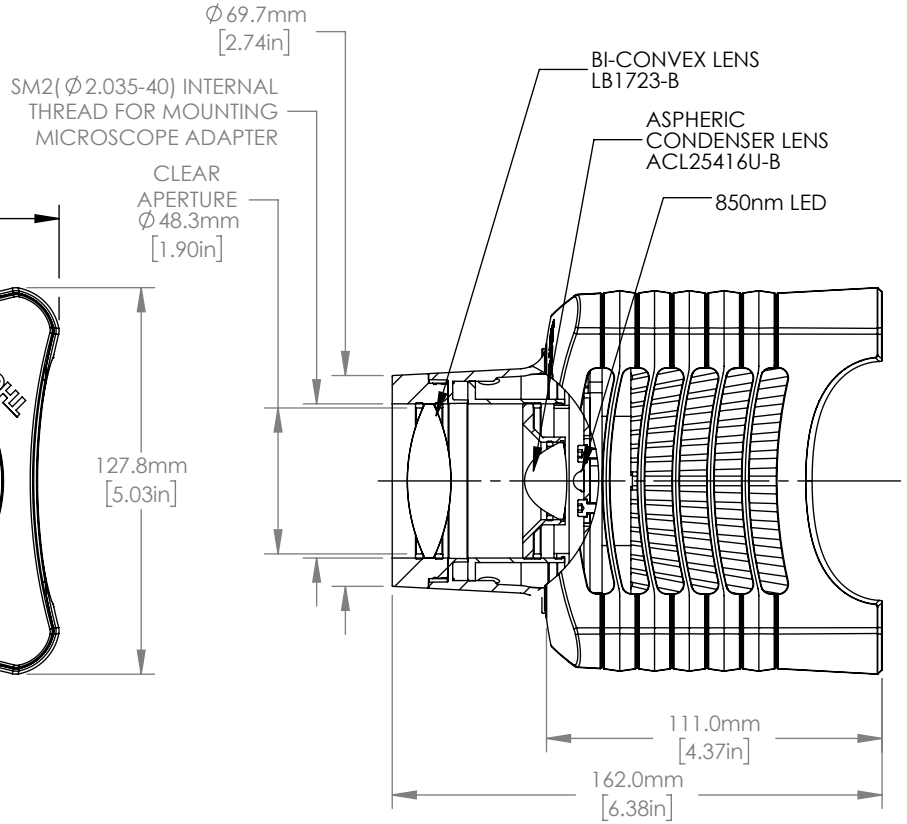
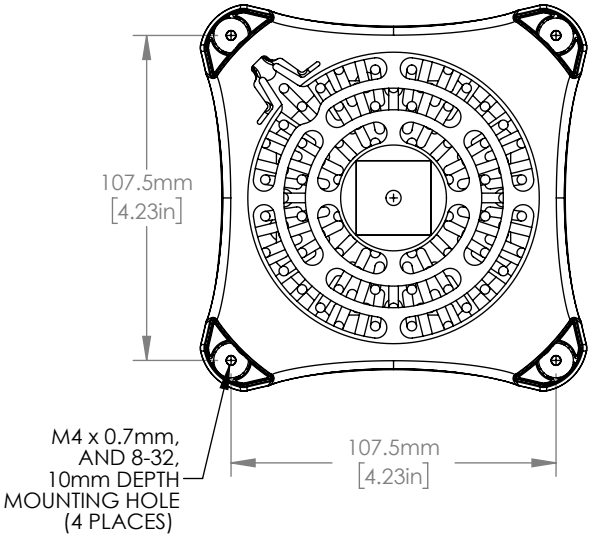










Item #	Color	Dominant Wavelength *	Minimum Collimated Power LED Output	Typical Collimated Power LED Output	Test Current for Typical LED Power	Maximum Current (CW)	Forward Voltage	Bandwidth (FWHM)	Typical Lifetime	Risk Group According to the IEC Standard 62471:2006 **
SOLIS-850C	IR	850 nm	2.7 W	3.6 W	1000 mA	1000 mA	13.8 V	39 nm	>40 000 h	RG3 - HIGH RISK GROUP

* The specifications listed in the table above are nominal values.
** Photobiological Safety of Lamps and Lamp Systems

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NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	Hit.	02/NOV/16
APPROVAL	KB	02/NOV/16

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

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HIGH POWER 850nm LED FOR MICROSCOPY ILLUMINATION

MATERIAL	REV
N/A	B

ITEM #	APPROX WEIGHT
SOLIS-850C	1 kg