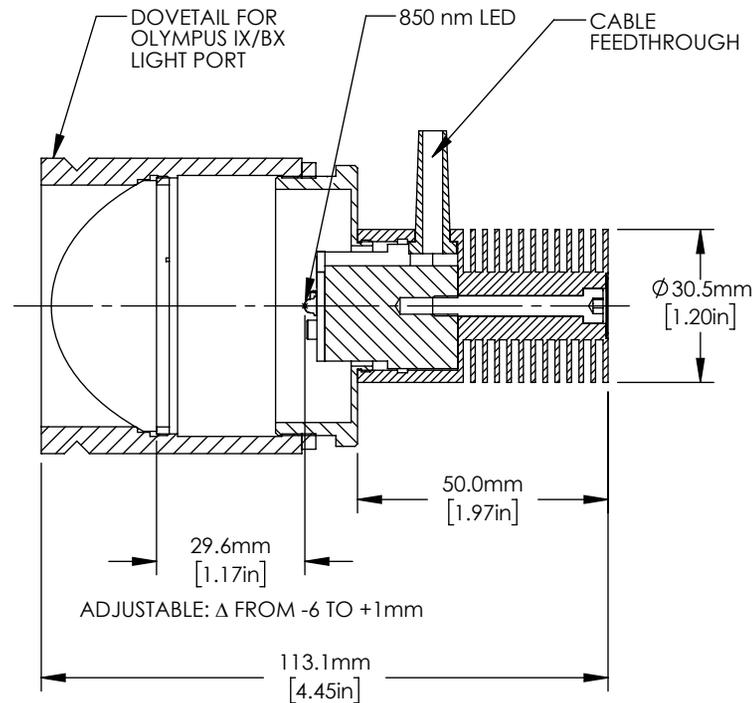
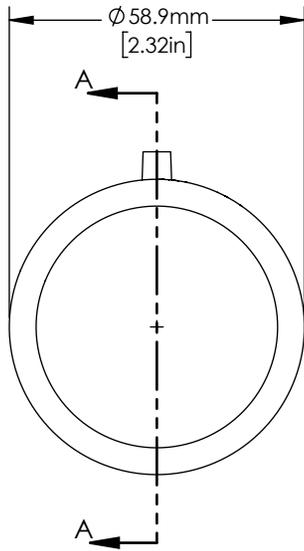


WARNING

IR emitted from this product.
Avoid eye exposure.
Use appropriate shielding
or eye protection.

SECTION A-A



Item #	Color	LED Wavelength*	Chip Size	Minimum Power LED Output	Typical Power LED Output	Total Beam Power	Beam Diameter	Beam Area	Maximum Drive Current (CW)	Forward Voltage	Electrical Power	Typical Lifetime	Risk Group According to the IEC Standard 62471:2006**
M850L3-C1	IR	850 nm	1 mm x 1 mm	900 mW	1100 mW	480 mW	50 mm	1960 mm ²	1200 mA	2.95 V	3540 mW	100 000 h	RG1 - LOW RISK GROUP

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

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		THORLABS www.thorlabs.com	
NAME	DATE	COLLIMATED 850nm LED FOR OLYMPUS BX AND IX MICROSCOPES	
DRAWN	Hit.	28/MAR/18	MATERIAL
APPROVAL	SB	28/MAR/18	N/A
COPYRIGHT © 2018 BY THORLABS		ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS		M850L3-C1	0.31 kg
		REV	C