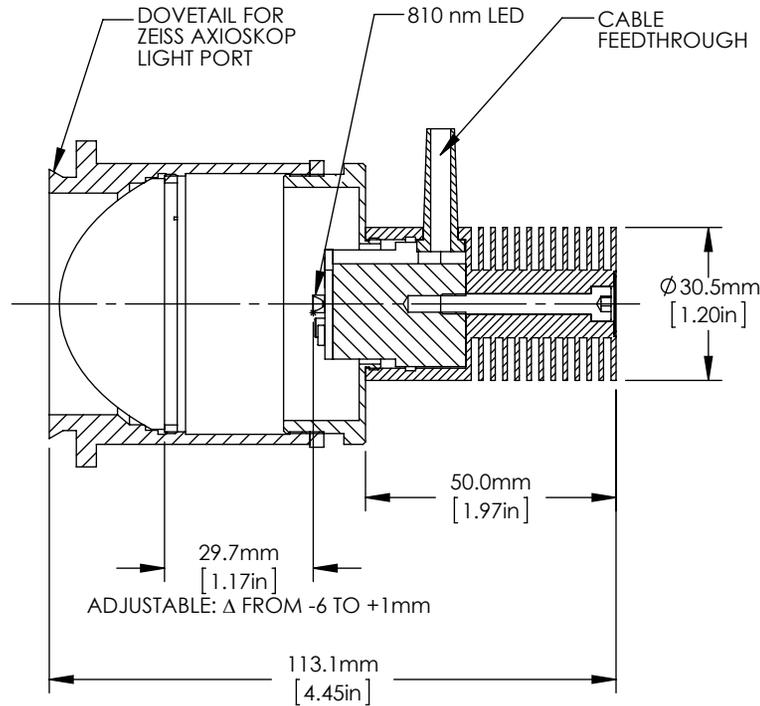
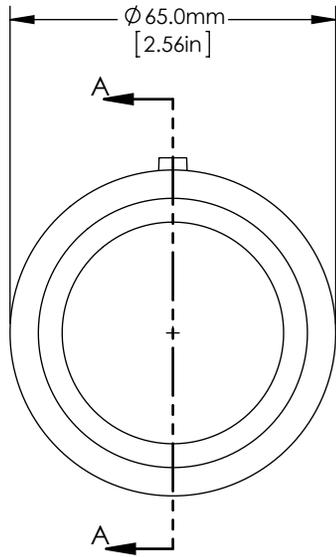


WARNING

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

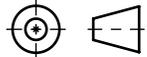
SECTION A-A



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**
M810L3-C4	IR	810 nm	1 mm x 1 mm	325 mW	375 mW	230 mW	44 mm	1520 mm ²	500 mA	3.6 V	1600 mW	>10 000 h	RG3 - HIGH 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 810nm LED FOR ZEISS AXIOSKOPE MICROSCOPES		
DRAWN	Hit.	12/NOV/15	MATERIAL	
APPROVAL	KB	12/NOV/15	N/A	
COPYRIGHT © 2015 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			M810L3-C4	0.29 kg
			REV	B