

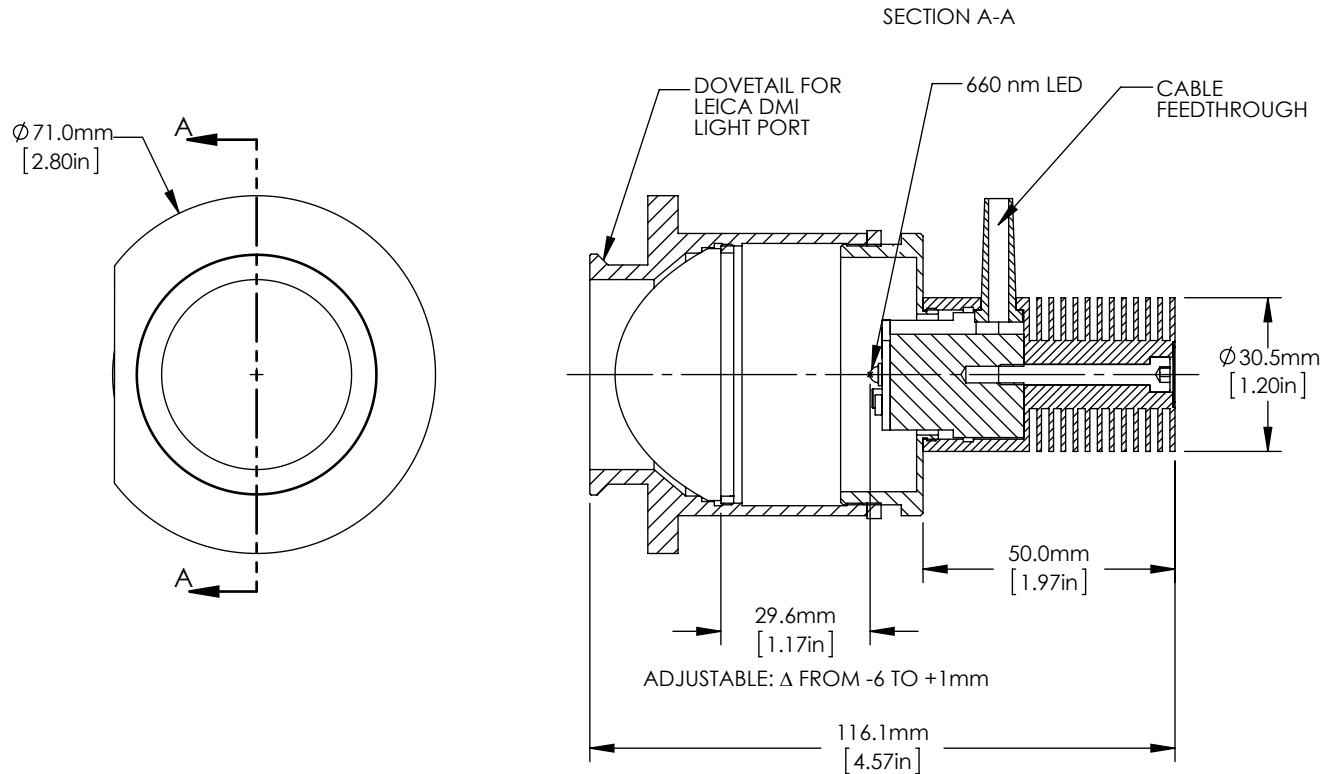
WARNING

UV LEDs

UV emitted from this product. Avoid eye and skin exposure to unshielded products.

VIS LEDs

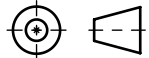
Possibly hazardous optical radiation emitted from this product. Do not look at operating lamp. Eye injury may result.



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**
M660L4-C2	Deep Red	660 nm	1.5mm x 1.5mm	940 mW	1050 mW	400 mW	37 mm	1080 mm ²	1200 mA	2.6 V	3120 mW	>10 000 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 660nm LED FOR LEICA DMI MICROSCOPES				
DRAWN	Hit.	12/NOV/15					
APPROVAL	KB	12/NOV/15	MATERIAL			REV B	
COPYRIGHT © 2015 BY THORLABS			N/A				
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #			APPROX WEIGHT	
			M660L4-C2			0.31 kg	