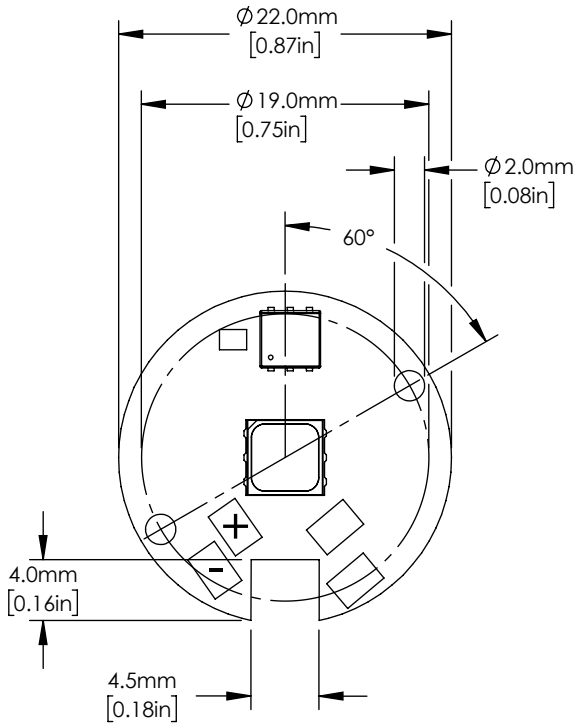
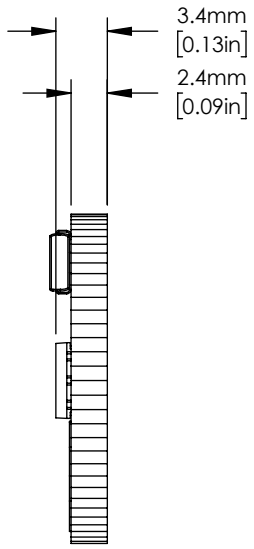
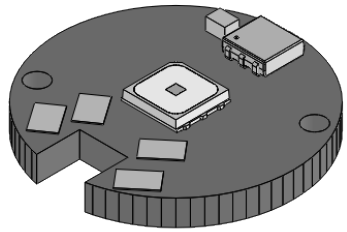
CAUTION !

TO ENSURE PROPER HEAT MANAGEMENT, MOUNT THE METAL-CORE PRINTED CIRCUIT BOARD (MCPCB) TO AN ADEQUATE HEAT SINK







Item #	Color	Nominal Wavelength*	Minimum Power LED Output	Typical Power LED Output	Maximum Current (CW)	Forward Voltage	Bandwidth (FWHM)	Typical Lifetime	MCPCB Thickness	Risk Group According to the IEC Standard 62471:2006 **
M1050D3	IR	1050 nm	160 mW	210 mW	600 mA	1.4 V	37 nm	>10 000 h	2.4 mm	RG0 - EXCEMPT GROUP

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

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	Hit.	14/JUN/18
APPROVAL	EG	14/JUN/18

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

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1050nm LED ON MCPCB

MATERIAL	REV
-	A

ITEM #	APPROX WEIGHT
M1050D3	2 g