REV.	DESCRIPTION	DATE	APPROVED
F	Engineering Release	10/03/12	T. Y.
G	Added LED P/N	08/08/16	J. C.

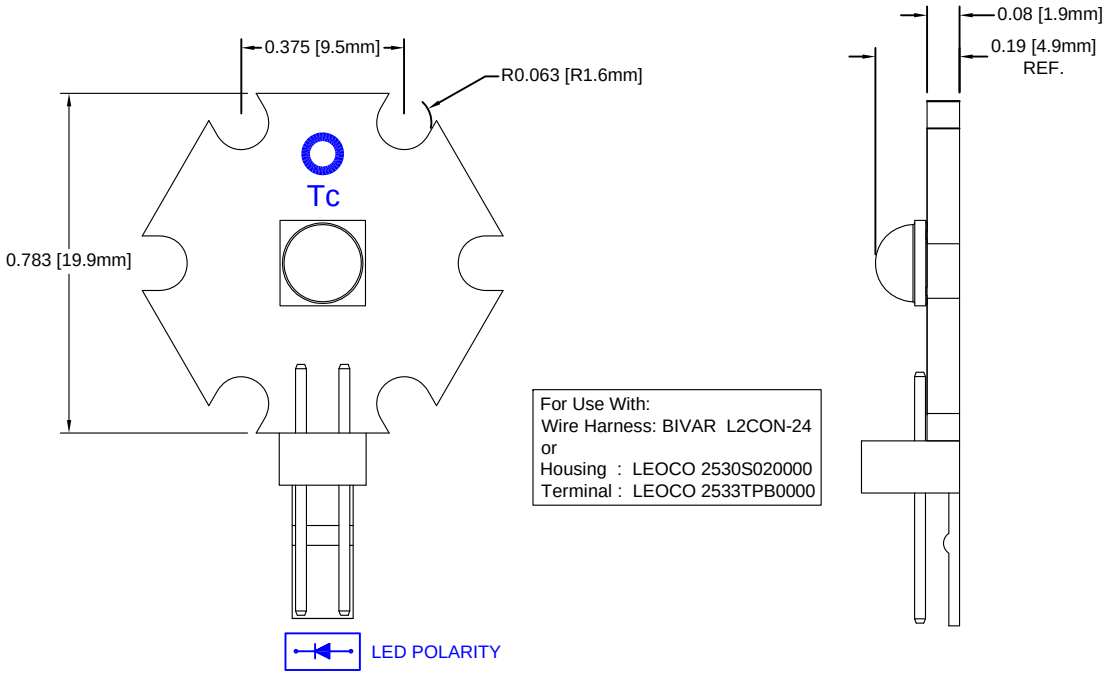

Table 1: Typical Characteristics without Additional Heat Sink							
Part Number	CCT (K)	CRI	Typical Luminous Flux @ If = 400mA, Tc=70C (lm)	Typical Luminous Flux @ If = 750mA, Tc=100C (lm)	Typical DC Forward Current, Vf (V)	Viewing Angle (°)	LED P/N
L2-MLC1-F	6500	65	144	236	2.8 ~ 2.9	125	BDL-1436
L2-MLN1-F	4100	75	124	202	2.8 ~ 2.9	125	BDL-1437
L2-MLW1-F	3100	80	103	169	2.8 ~ 2.9	125	BDL-1438

Table 2: Absolute Maximum Ratings with Thermal Management							
Part Number	CCT (K)	CRI	Typical Luminous Flux @ If = 1000mA, Tc=110C (lm)	Typical Luminous Flux @ If = 3000mA, Tc=60C (lm)	Typical DC Forward Current, Vf (V)	Viewing Angle (°)	LED P/N
L2-MLC1-F	6500	65	281	660	3.0 ~ 3.3	125	BDL-1436
L2-MLN1-F	4100	75	241	566	3.0 ~ 3.3	125	BDL-1437
L2-MLW1-F	3100	80	201	472	3.0 ~ 3.3	125	BDL-1438

NOTES:
BDL-1436: Reference Cree part number XMLAWT-00-0000-0000T6051 for characteristics.
BDL-1437: Reference Cree part number XMLAWT-00-0000-000LT40E4 for characteristics.
BDL-1438: Reference Cree part number XMLAWT-00-0000-000LT20E7 for characteristics.

STANDARD TOLERANCE
(UNLESS OTHERWISE SPECIFIED)
DECIMALS: .X ± .1; .XX ± .02; .XXX ± .010
ANGULAR: X° ± 1°

BIVAR®
4 THOMAS, IRVINE, CA. 92618
TEL: (949) 951-8808 FAX: (949) 951-3974

TITLE: L2 Starboard Light Engine

DESIGNED:	DATE:	PART NO:	REVISION:
B. Oliver	11/02/11	L2-MLXX-F	G
CHECKED: M. Chen	DATE: 11/02/11	CAGE CODE : 32559	SHEET # 1 OF 1

CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.