

ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	PCB-1093	L24 Luxeon Z Starboard, 6 LEDs.
2	1	BDL-1514	Luxeon Z, Red, LXZ1-PD01.
3	1	BDL-1515	Luxeon Z, Green, LXZ1-PM01 .
4	1	BDL-1516	Luxeon Z, Blue, LXZ1-PB01.
5	1	BDL-1517	Luxeon Z, PC Amber, LXZ1-PL02
6	1	BDL-1510	Luxeon Z, 3000K, LXZ1-3080-5
7	1	BDL-1513	Luxeon Z, 5700K, LXZ1-5770

REV.	DESCRIPTION	DATE	APPROVED
F	Corrected Board Thickness.	04/01/14	J. C.
G	Engineering Release.	04/01/14	J. C.

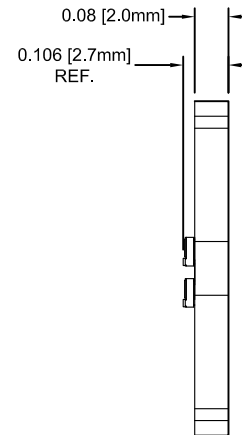
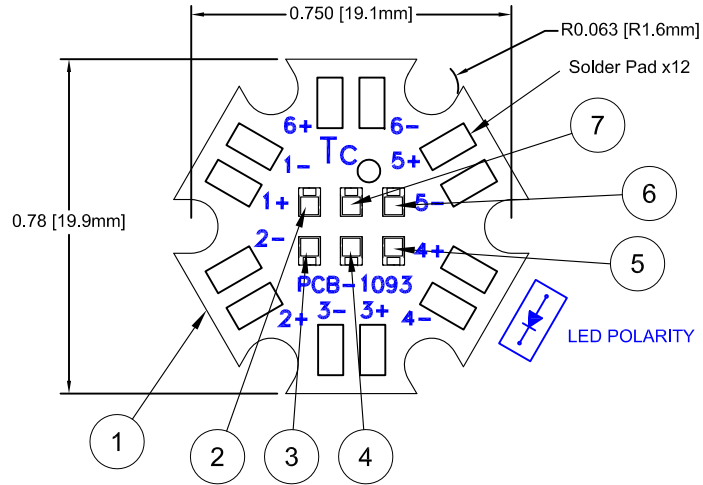

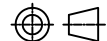


TABLE 1. Assembly Characteristics

Assembly P/N	ANODE	CATHODE	LED P/N	Color	Wavelength	Luminous Flux (Min.)	Philips Lumileds P/N Reference
L24-ZRGBAW2	1+	1-	BDL-1514	Red	627nm	40lm	LXZ1-PD01
	2+	2-	BDL-1515	Green	530nm	72lm	LXZ1-PM01
	3+	3-	BDL-1516	Blue	470nm	24lm	LXZ1-PB01
	4+	4-	BDL-1517	Amber	590nm	48lm	LXZ1-PL02
	5+	5-	BDL-1510	Warm White	3000K (CCT)	110lm	LXZ1-3080-5
	6+	6-	BDL-1513	Cool White	5700K (CCT)	140lm	LXZ1-5770

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)		 BIVAR [®] 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X ± .1	X° ± 1°		
.XX ± .02		 TITLE: L24 Starboard Light Engine	
.XXX ± .010			
DESIGNED: Brian Oliver	DATE: 11/07/13	PART NO: L24-ZRGBAW2	REVISION: G
CHECKED: J. Chiang	DATE: 11/07/13		CAGE CODE : 32559 SHEET # 1 OF 1 <small>CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.</small>