

REV.	DESCRIPTION	DATE	APPROVED
G	Engineering Release	10/03/12	T. Y.
H	Engineering Update w/o Changes	08/08/16	J. C.



Table 1: Typical Characteristics without Additional Heat Sink

Part Number	CCT (K)	CRI	Typical Luminous Flux @ If = 350mA, Tc=70C (lm)	Typical Luminous Flux @ If = 600mA, Tc=100C (lm)	Typical DC Forward Current, Vf (V)	Viewing Angle, Axis 1 / Axis2 (°)
L2-PGC1-S	6500	75	97	152	2.9 ~ 3.0	85
L2-PGC2-S	6500	75	97	152	2.9 ~ 3.0	35
L2-PGC3-S	6500	75	97	152	2.9 ~ 3.0	45 / 25
L2-PGN1-S	4100	75	91	142	2.9 ~ 3.0	85
L2-PGN2-S	4100	75	91	142	2.9 ~ 3.0	35
L2-PGN3-S	4100	75	91	142	2.9 ~ 3.0	45 / 25
L2-PGW1-S	3100	80	80	125	2.9 ~ 3.0	85
L2-PGW2-S	3100	80	80	125	2.9 ~ 3.0	35
L2-PGW3-S	3100	80	80	125	2.9 ~ 3.0	45 / 25

Table 2: Absolute Maximum Ratings with Thermal Management

Part Number	CCT (K)	CRI	Typical Luminous Flux @ If = 1000mA, Tc=120C (lm)	Typical Luminous Flux @ If = 1500mA, Tc=100C (lm)	Typical DC Forward Current, Vf (V)	Viewing Angle, Axis 1 / Axis2 (°)
L2-PGC1-S	6500	75	216	660	3.2 ~ 3.3	85
L2-PGC2-S	6500	75	216	660	3.2 ~ 3.3	35
L2-PGC3-S	6500	75	216	660	3.2 ~ 3.3	45 / 25
L2-PGN1-S	4100	75	186	566	3.2 ~ 3.3	85
L2-PGN2-S	4100	75	186	566	3.2 ~ 3.3	35
L2-PGN3-S	4100	75	186	566	3.2 ~ 3.3	45 / 25
L2-PGW1-S	3100	80	155	472	3.2 ~ 3.3	85
L2-PGW2-S	3100	80	155	472	3.2 ~ 3.3	35
L2-PGW3-S	3100	80	155	472	3.2 ~ 3.3	45 / 25

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X ± .1	X° ± 1°	<b>TITLE:</b> L2 Starboard Light Engine	
.XX ± .02			
.XXX ± .010		<b>PART NO:</b> L2-PGXX-S	
DESIGNED: <b>B. Oliver</b>	DATE: <b>11/02/11</b>	<b>REVISION:</b> H	
CHECKED: <b>M. Chen</b>	DATE: <b>11/02/11</b>	<b>CAGE CODE :</b> 32559 <b>SHEET #</b> 1 <b>OF</b> 1	
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