

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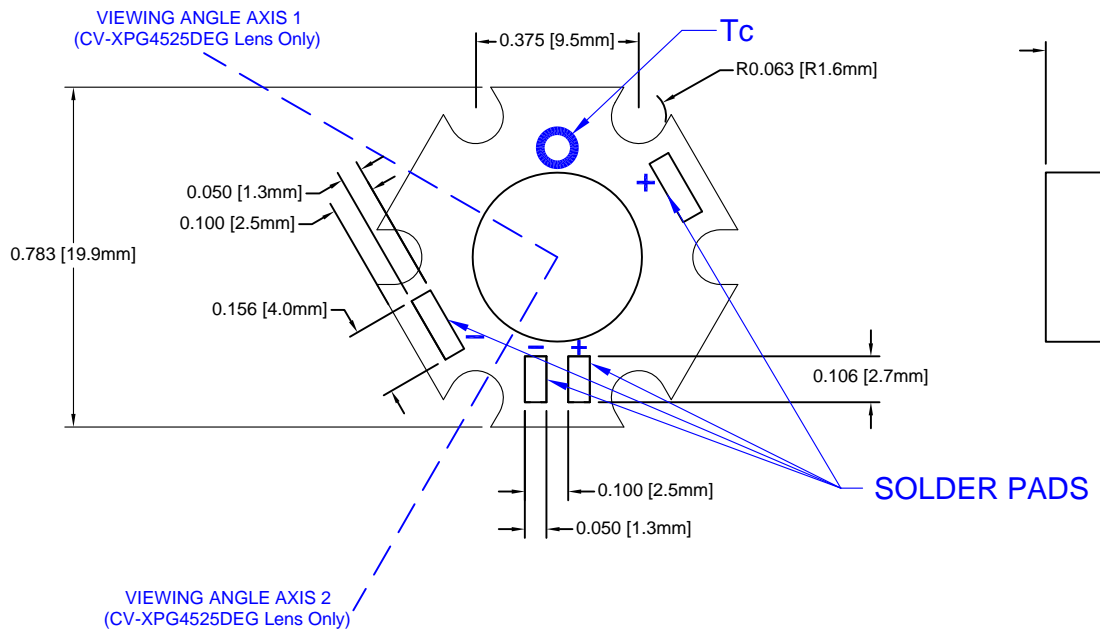


Table 1: Typical Characteristics without Additional Heat Sink

| 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)

| | |
|-------------|---------|
| DECIMALS | ANGULAR |
| .X ± .1 | X° ± 1° |
| .XX ± .02 | |
| .XXX ± .010 | |

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TITLE: L2 Starboard Light Engine

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|-------------------------------|--------------------------|------------------------------|------------------------------|
| DESIGNED: B. Oliver | DATE: 11/02/11 | PART NO: L2-PGXX-S | REVISION: H |
| CHECKED: M. Chen | DATE: 11/02/11 | CAGE CODE : 32559 | SHEET # 1 OF 1 |

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