

| REV. | DESCRIPTION               | DATE     | APPROVED |
|------|---------------------------|----------|----------|
| F    | Corrected Board Thickness | 04/01/14 | J. C.    |
| G    | Engineering Release       | 04/01/14 | J. C.    |
| H    | Removed BOM               | 08/09/16 | J. C.    |
|      |                           |          |          |
|      |                           |          |          |

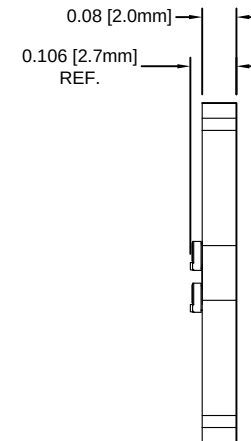
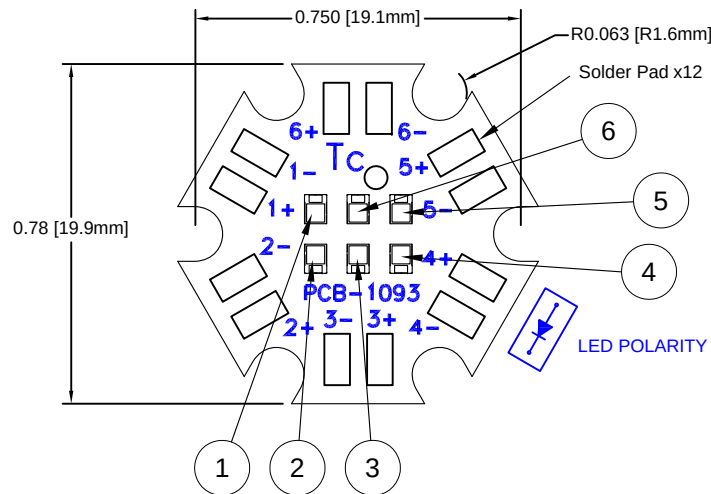


Table 1: Assembly Configurations

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

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

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