



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=660mA

| PARAMETER             | MIN         | TYP  | MAX  | UNITS    | TEST COND      |
|-----------------------|-------------|------|------|----------|----------------|
| PEAK WAVELENGTH       |             | -    |      | nm       |                |
| FORWARD VOLTAGE       |             | 9.4  | 10.2 | Vf       |                |
| REVERSE VOLTAGE       | 5.0         |      |      | Vr       | Ir=100 $\mu$ A |
| AXIAL INTENSITY       |             | 560  |      | Im       | If=660mA       |
| COLOR TEMP.           |             | 6500 |      | K        |                |
| VIEWING ANGLE         |             | 170  |      | 2x theta |                |
| COLOR RENDERING INDEX |             | 70   |      |          |                |
| EMITTED COLOR         | COOL WHITE  |      |      |          |                |
| LENS FINISH:          | WATER CLEAR |      |      |          |                |

LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER                | MAX        | UNITS |
|--------------------------|------------|-------|
| PEAK FORWARD CURRENT*    | 1000       | mA    |
| STEADY CURRENT           | 700        | mA    |
| LED JUNCTION TEMPERATURE | 130        | mW    |
| DERATE FROM 25°C         | -1.2       | mW/°C |
| OPERATING TEMP.          | -20 TO +70 | °C    |
| STORAGE TEMP.            | -20 TO +70 | °C    |

\* t<10 $\mu$ S

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= <sup>+DECIMAL PRECISION</sup> <sub>-0.00</sub> MAX.= <sup>+0.00</sup> <sub>-DECIMAL PRECISION</sub>

UNCONTROLLED DOCUMENT



425 N. GARY AVE.  
 CAROL STREAM, IL 60188-4900  
 PHONE: +1.800.278.5666  
 FAX: +1.630.315.2152  
 WEB: WWW.LUMEX.COM  
 MEMBER OF ITW PHOTONICS GROUP

3W, WIRELESS BOND LED MODULE, METAL PCB, COOL WHITE.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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| DATE:  | 12.07.12  | DRAWN BY: | MA   |
| PAGE:  | 1 OF 1    | CHKD BY:  | JD   |
| SCALE: | NTS       | APRVD BY: | JD   |
| UNIT:  | mm [INCH] |           | (Pb) |