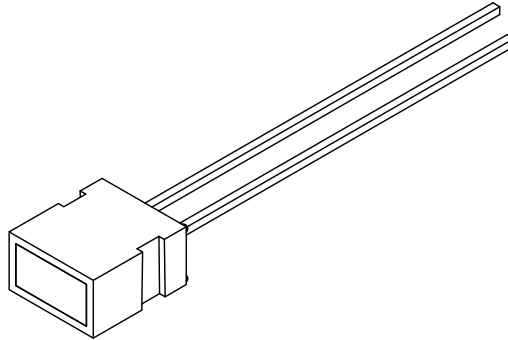
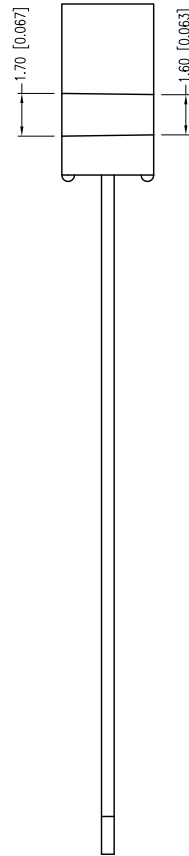
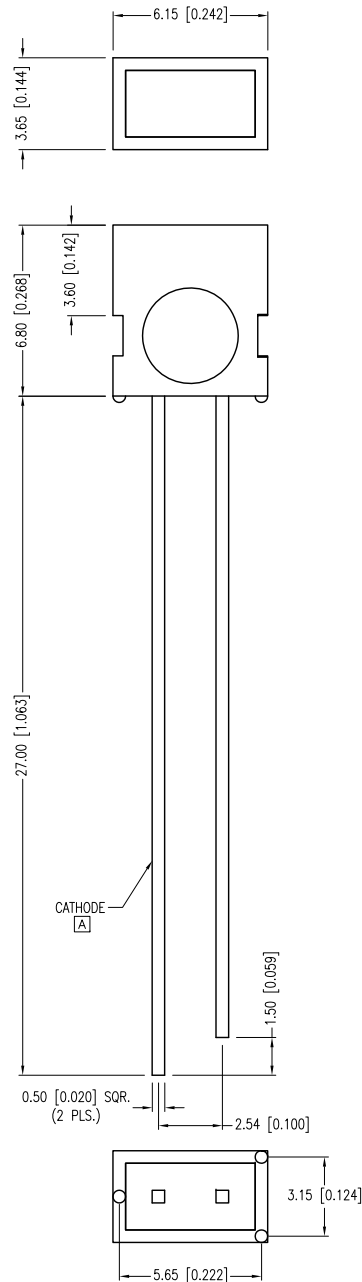


| PART NUMBER | SSL-LX4673YD-LA20                   | REV. | B    |
|-------------|-------------------------------------|------|------|
| DATE        | E.C.N. NUMBER AND REVISION COMMENTS |      | REV. |
| 07.10.01    | E.C.N. #10BRDR. & REDRAWN IN 3D.    |      | A    |
| 08.17.12    | E.C.N. #10BRDR. & REDRAWN.          |      | B    |

ELECTRO-OPTICAL CHARACTERISTICS  $T_a=25^{\circ}\text{C}$   $I_f=20\text{mA}$ 

| PARAMETER       | MIN             | TYP | MAX | UNITS          | TEST COND                   |
|-----------------|-----------------|-----|-----|----------------|-----------------------------|
| PEAK WAVELENGTH |                 | 585 |     | nm             |                             |
| FORWARD VOLTAGE |                 | 2.1 | 2.5 | V <sub>f</sub> |                             |
| REVERSE VOLTAGE | 5.0             |     |     | V <sub>r</sub> | I <sub>r</sub> =100 $\mu$ A |
| AXIAL INTENSITY |                 | 6   |     | mcd            | I <sub>f</sub> =20mA        |
| VIEWING ANGLE   |                 | 100 |     | 2x theta       |                             |
| EMITTED COLOR:  | YELLOW          |     |     |                |                             |
| LENS FINISH:    | YELLOW DIFFUSED |     |     |                |                             |

## LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER             | MAX        | UNITS |
|-----------------------|------------|-------|
| PEAK FORWARD CURRENT* | 150        | mA    |
| STEADY CURRENT        | 30         | mA    |
| POWER DISSIPATION     | 105        | mW    |
| DERATE FROM 25°C      | -1.2       | mW/°C |
| OPERATING TEMP.       | -40 TO +85 | °C    |
| STORAGE TEMP.         | -40 TO +85 | °C    |
| SOLDERING TEMP.       | +260       | °C    |
| 2.0mm FROM BODY       | 3          | SEC.  |

\*  $t < 10\mu\text{s}$ 

\*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=  $\begin{smallmatrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{smallmatrix}$  MAX.=  $\begin{smallmatrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{smallmatrix}$

UNCONTROLLED DOCUMENT



290 E. HELEN ROAD  
PALATINE, IL 60067-6976  
PHONE: +1.847.359.2790  
FAX: +1.847.359.6538  
WEB: WWW.LUMEX.COM  
MEMBER OF ITW PHOTONICS GROUP

QUASARBRITE 4mm x 7mm RECT LED, 585nm YELLOW, YELLOW DIFFUSED.

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

CONFIDENTIAL INFORMATION  
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

|        |           |           |      |
|--------|-----------|-----------|------|
| DATE:  | 08.17.12  | DRAWN BY: | AB   |
| PAGE:  | 1 OF 1    | CHKD BY:  | KF   |
| SCALE: | NTS       | APRVD BY: | KF   |
| UNIT:  | mm [INCH] |           | (Pb) |

# AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit [www.ameya360.com](http://www.ameya360.com)

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd  
Minhang District, Shanghai , China

➤ Sales :

Direct     +86 (21) 6401-6692  
  
Email       amall@ameya360.com  
  
QQ         800077892  
  
Skype       ameyasales1 ameyasales2

➤ Customer Service :

Email       service@ameya360.com

➤ Partnership :

Tel         +86 (21) 64016692-8333  
  
Email       mkt@ameya360.com