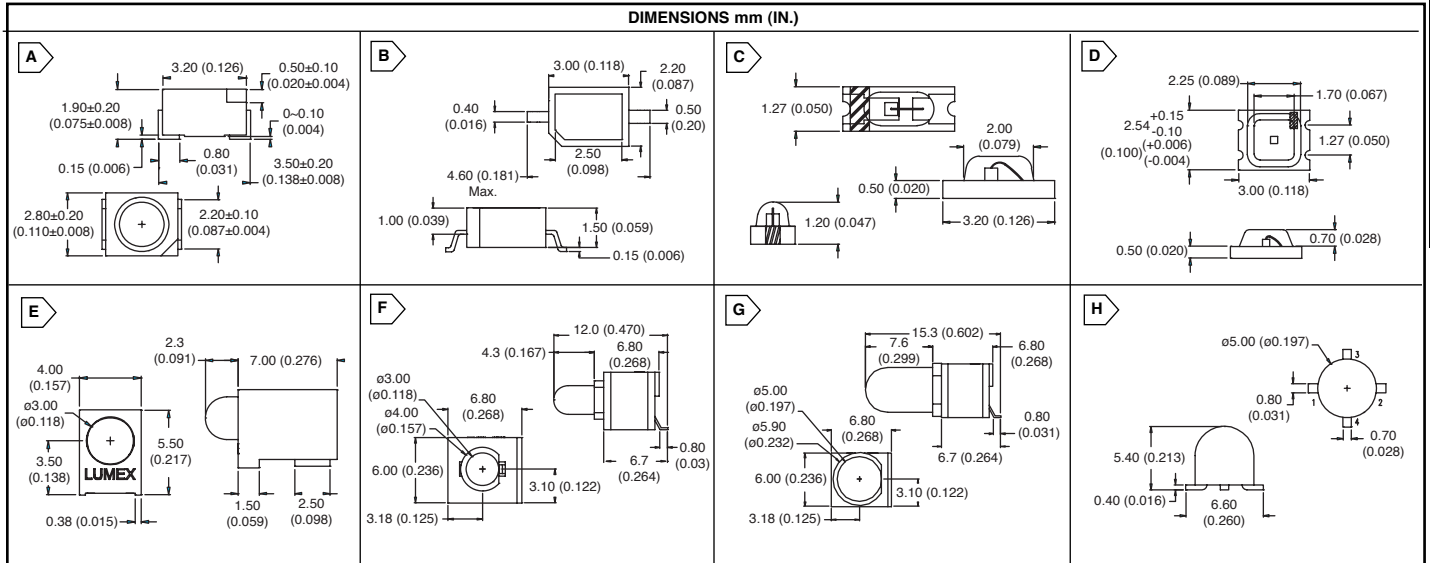


# LUMEX SMD LEDs



## LUMEX SURFACE MOUNT LEDs

For quantities of 2000 and up, call for quote.

| MOUSER STOCK NO.                | Lumex Part No.    | Fig. | Color               |                    | Peak Wavelength (nm) | Vf (V) Typ. | If (mA) Max. | IO mcd | Viewing Angle | Price Each |      |      |      |
|---------------------------------|-------------------|------|---------------------|--------------------|----------------------|-------------|--------------|--------|---------------|------------|------|------|------|
|                                 |                   |      | LED                 | Lens               |                      |             |              |        |               | 1          | 100  | 500  | 1000 |
| <b>2.8mm x 3.2mm</b>            |                   |      |                     |                    |                      |             |              |        |               |            |      |      |      |
| 696-SML-LX2832SRC               | SML-LX2832SRC-TR  | A    | Super Red           | Water Clear        | 660                  | 1.7         | 30           | 100    | 120°          | .56        | .49  | .42  | .35  |
| 696-SML-LX2832IC                | SML-LX2832IC-TR   | A    | Red                 | Water Clear        | 635                  | 2           | 30           | 25     | 120°          | .36        | .31  | .27  | .22  |
| 696-SML-LX2832YC                | SML-LX2832YC-TR   | A    | Yellow              | Water Clear        | 585                  | 2.1         | 30           | 15     | 120°          | .36        | .31  | .27  | .22  |
| 696-SML-LX2832GC                | SML-LX2832GC-TR   | A    | Green               | Water Clear        | 565                  | 2.1         | 25           | 25     | 120°          | .36        | .31  | .27  | .22  |
| 696-SML-LX2832USBC              | SML-LX2832USBC-TR | A    | Ultra Super Blue    | Water Clear        | 470                  | 3.5         | 30           | 60     | 120°          | 4.60       | 4.02 | 3.45 | 2.87 |
| 696-SML-LX2832SIC               | SML-LX2832SIC-TR  | A    | Super Intensity Red | Water Clear        | 636                  | 2           | 30           | 250    | 120°          | .56        | .49  | .42  | .35  |
| 696-SML-LX2832SOC               | SML-LX2832SOC-TR  | A    | Super Orange        | Water Clear        | 610                  | 2           | 30           | 300    | 120°          | .72        | .63  | .54  | .45  |
| 696-SML-LX2832SYC               | SML-LX2832SYC-TR  | A    | Super Yellow        | Water Clear        | 595                  | 2           | 30           | 80     | 120°          | .56        | .49  | .42  | .35  |
| 696-SML-LX2832SUGC              | SML-LX2832SUGC-TR | A    | Super Ultra Green   | Water Clear        | 574                  | 2.2         | 25           | 150    | 120°          | .56        | .49  | .42  | .35  |
| <b>1.7mm x 2.5mm</b>            |                   |      |                     |                    |                      |             |              |        |               |            |      |      |      |
| 696-SSL-LXA1725SRC              | SSL-LXA1725SRC-TR | B    | Super Red           | Water Clear        | 650                  | 2           | 25           | 30     | 130°          | .40        | .35  | .30  | .25  |
| 696-SSL-LXA1725IC               | SSL-LXA1725IC-TR  | B    | Red                 | Water Clear        | 635                  | 2           | 30           | 12     | 130°          | .36        | .31  | .27  | .22  |
| 696-SSL-LXA1725YC               | SSL-LXA1725YC-TR  | B    | Yellow              | Water Clear        | 585                  | 2.1         | 30           | 12     | 130°          | .36        | .31  | .27  | .22  |
| 696-SSL-LXA1725GC               | SSL-LXA1725GC-TR  | B    | Green               | Water Clear        | 565                  | 2.1         | 25           | 25     | 130°          | .32        | .28  | .24  | .20  |
| 696-SSL-LXA3025IGC              | SSL-LXA3025IGC-TR | B    | Red/Green           | Water Clear        | 635/565              | 2.0/2.1     | 30/25        | 12/20  | 130°          | .72        | .63  | .54  | .45  |
| 696-SSL-LXA3025YGC              | SSL-LXA3025YGC-TR | B    | Yellow/Green        | Water Clear        | 585/565              | 2.1         | 30/25        | 12     | 130°          | .68        | .59  | .51  | .42  |
| <b>1.2 mm x 3.2mm</b>           |                   |      |                     |                    |                      |             |              |        |               |            |      |      |      |
| 696-CCL-LX45SRT                 | CCL-LX45SRT       | C    | Super Red           | Red Transparent    | 660                  | 1.8         | 30           | 8      | 180°          | 1.28       | 1.12 | .96  | .80  |
| 696-CCL-LX45IT                  | CCL-LX45IT        | C    | Red                 | Red Transparent    | 635                  | 2.1         | 30           | 7.2    | 180°          | .84        | .735 | .63  | .525 |
| 696-CCL-LX45YT                  | CCL-LX45YT        | C    | Yellow              | Yellow Transparent | 585                  | 2.3         | 30           | 7      | 180°          | .84        | .735 | .63  | .525 |
| 696-CCL-LX45GT                  | CCL-LX45GT        | C    | Green               | Green Transparent  | 565                  | 2.2         | 30           | 7      | 180°          | .84        | .735 | .63  | .525 |
| <b>2.5mm x 3mm</b>              |                   |      |                     |                    |                      |             |              |        |               |            |      |      |      |
| 696-CCL-CRS10R                  | CCL-CRS10R        | D    | Red                 | Water Clear        | 635                  | 2           | 25           | 4      | 180°          | .72        | .63  | .54  | .45  |
| 696-CCL-CRS10Y                  | CCL-CRS10Y        | D    | Yellow              | Water Clear        | 585                  | 2.1         | 30           | 8      | 180°          | .72        | .63  | .54  | .45  |
| 696-CCL-CRS10G                  | CCL-CRS10G        | D    | Green               | Water Clear        | 565                  | 2           | 25           | 12     | 180°          | .56        | .49  | .42  | .35  |
| 696-SML-LX23SRC                 | SML-LX23SRC-TR    | D    | Super Red           | Water Clear        | 660                  | 1.8         | 30           | 100    | 90°           | .48        | .42  | .36  | .30  |
| 696-SML-LX23IC                  | SML-LX23IC-TR     | D    | Red                 | Water Clear        | 635                  | 2           | 30           | 20     | 120°          | .40        | .35  | .30  | .25  |
| 696-SML-LX23YC                  | SML-LX23YC-TR     | D    | Yellow              | Water Clear        | 585                  | 2.1         | 30           | 20     | 120°          | .40        | .35  | .30  | .25  |
| 696-SML-LX23GC                  | SML-LX23GC-TR     | D    | Green               | Water Clear        | 565                  | 2.1         | 25           | 20     | 120°          | .40        | .35  | .30  | .25  |
| <b>T1 (3mm) Right Angle</b>     |                   |      |                     |                    |                      |             |              |        |               |            |      |      |      |
| 696-SSF-LXH305ID                | SSF-LXH305ID-TR   | E    | Red                 | Red Diffused       | 635                  | 2           | 30           | 40     | 60°           | .76        | .66  | .57  | .47  |
| 696-SSF-LXH305YD                | SSF-LXH305YD-TR   | E    | Yellow              | Yellow Diffused    | 585                  | 2.1         | 30           | 30     | 60°           | .76        | .66  | .57  | .47  |
| 696-SSF-LXH305GD                | SSF-LXH305GD-TR   | E    | Green               | Green Diffused     | 565                  | 2.2         | 25           | 30     | 60°           | .76        | .66  | .57  | .47  |
| 696-SSF-LXH305USBD              | SSF-LXH305USBD-TR | E    | Ultra Super Blue    | Blue Diffused      | 470                  | 3.5         | 30           | 80     | 60°           | 6.48       | 5.67 | 4.86 | 4.05 |
| 696-SSF-LXH305SID               | SSF-LXH305SID-TR  | E    | Super Intensity Red | Red Diffused       | 636                  | 2           | 30           | 100    | 60°           | 2.36       | 2.06 | 1.77 | 1.47 |
| 696-SSF-LXH305SYD               | SSF-LXH305SYD-TR  | E    | Super Yellow        | Yellow Diffused    | 590                  | 2.1         | 30           | 250    | 60°           | 1.96       | 1.71 | 1.47 | 1.22 |
| <b>T1 (3mm)</b>                 |                   |      |                     |                    |                      |             |              |        |               |            |      |      |      |
| 696-HM1530SRD-305               | SMF-HM1530SRD-305 | F    | Super Red           | Red Diffused       | 660                  | 1.7         | 30           | 80     | 60°           | .80        | .70  | .60  | .50  |
| <b>T1 3/4 (5mm) Right Angle</b> |                   |      |                     |                    |                      |             |              |        |               |            |      |      |      |
| 696-HM1530GD-509                | SMF-HM1530GD-509  | G    | Green               | Green Diffused     | 565                  | 2.2         | 25           | 30     | 60°           | .68        | .59  | .51  | .42  |
| <b>T1 3/4 (5mm)</b>             |                   |      |                     |                    |                      |             |              |        |               |            |      |      |      |
| 696-SML-LXL505SRC               | SML-LXL505SRC-TR  | H    | Super Red           | Water Clear        | 660                  | 1.7         | 30           | 400    | 30°           | .44        | .38  | .33  | .27  |
| 696-SML-LXL505SOC               | SML-LXL505SOC-TR  | H    | Super Orange        | Water Clear        | 610                  | 2           | 30           | 1500   | 30°           | .44        | .38  | .33  | .27  |
| 696-SML-LXL505SYC               | SML-LXL505SYC-TR  | H    | Super Yellow        | Water Clear        | 590                  | 2.1         | 30           | 1200   | 30°           | .44        | .38  | .33  | .27  |
| 696-SML-LXL505SUGC              | SML-LXL505SUGC-TR | H    | Super Ultra Green   | Water Clear        | 574                  | 2.2         | 25           | 100    | 30°           | .48        | .42  | .36  | .30  |
| 696-SML-LXL505USBC              | SML-LXL505USBC-TR | H    | Ultra Super Blue    | Water Clear        | 470                  | 3.5         | 30           | 800    | 30°           | 4.00       | 3.50 | 3.00 | 2.50 |