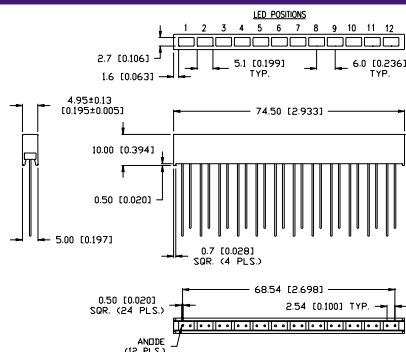


# Arrays ~ Rectangular & Square LED



## SSA-LXH1225 Series

## 2.5x5mm Rectangular LED Array, 12 LEDs



### FEATURES / OPTIONS

- ▶ State-of-the-Art, High Brightness Chip Technology
- ▶ Pre-Sorted LEDs for Color & Brightness Uniformity
- ▶ Easy Installation Over Using Individual LEDs
- ▶ Choice of Colors and Color Combinations
- ▶ Black or Gray Holders for High Contrast
- ▶ Custom Arrays, Easily Developed, Low Minimum
- ▶ Blinking LED
- ▶ With Internal Resistor for 5V and 12V Operation

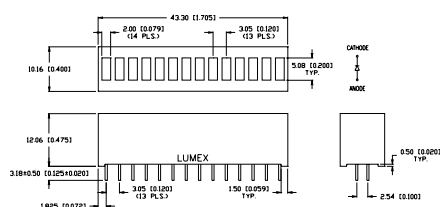
### APPLICATIONS / USES

- ▶ Level, VU, Power Indicators
- ▶ Ladder or Range Annunicator
- ▶ Professional Audio Equipment
- ▶ Power Stations, Power Level Indicator
- ▶ Medical Diagnostics, Test Equipment
- ▶ Industrial Control Panels

| Lumex Part Number          | Die Material | Emitted Color            | Peak (nm) | Lens            | Operating Current (mA) | Operating TYP. Vf (V) | Brightness TYP. Mcd | @ mA | View Angle° 2θ | Component LED Used |
|----------------------------|--------------|--------------------------|-----------|-----------------|------------------------|-----------------------|---------------------|------|----------------|--------------------|
| <b>HIGH BRIGHTNESS</b>     |              |                          |           |                 |                        |                       |                     |      |                |                    |
| SSA-LXH1225SID             | AlInGaP      | Super High Intensity Red | 636       | Red Diffused    | 5-25                   | 2                     | 200                 | 20   | 110            | SSL-LX25583SID     |
| SSA-LXH1225SOD             | AlInGaP      | Super Orange             | 610       | Orange Diffused | 5-25                   | 2                     | 200                 | 20   | 110            | SSL-LX25583SOD     |
| SSA-LXH1225UGD             | AlInGaP      | Super Ultra Green        | 574       | Green Diffused  | 5-25                   | 2.2                   | 200                 | 20   | 110            | SSL-LX25583UGD     |
| SSA-LXH1225SYD             | AlInGaP      | Super Yellow             | 590       | Yellow Diffused | 5-25                   | 2                     | 100                 | 20   | 110            | SSL-LX25583SYD     |
| SSA-LXH1225USBD            | InGaN/SiC    | Ultra Super Blue         | 470       | Blue Diffused   | 5-25                   | 3.5                   | 70                  | 20   | 110            | SSL-LX25583USBD    |
| <b>STANDARD BRIGHTNESS</b> |              |                          |           |                 |                        |                       |                     |      |                |                    |
| SSA-LXH1225GD              | GaP          | Green                    | 565       | Green diffused  | 5-25                   | 2.2                   | 10                  | 20   | 110            | SSL-LX25583GD      |
| SSA-LXH1225ID              | GaAsP        | High Intensity Red       | 635       | Red Diffused    | 5-25                   | 2                     | 10                  | 20   | 110            | SSL-LX25583ID      |
| SSA-LXH1225SRD             | GaAlAs       | Super Red                | 660       | Red Diffused    | 5-25                   | 1.7                   | 50                  | 20   | 110            | SSL-LX25583SRD     |
| SSA-LXH1225YD              | GaAsP        | Yellow                   | 585       | Yellow Diffused | 5-25                   | 2.1                   | 10                  | 20   | 110            | SSL-LX25583YD      |

## SSA-LXB140 Series

## 2x5mm Rectangular LED Array, 14 LEDs



### FEATURES / OPTIONS

- ▶ State-of-the-Art, High Brightness Chip Technology
- ▶ Pre-Sorted LEDs for Color & Brightness Uniformity
- ▶ Easy Installation Over Using Individual LEDs
- ▶ Choice of Colors and Color Combinations
- ▶ Black or Gray Holders for High Contrast
- ▶ Custom Arrays, Easily Developed, Low Minimum
- ▶ Blinking LED
- ▶ With Internal Resistor for 5V and 12V Operation

### APPLICATIONS / USES

- ▶ Level, VU, Power Indicators
- ▶ Ladder or Range Annunicator
- ▶ Professional Audio Equipment
- ▶ Power Stations, Power Level Indicator
- ▶ Medical Diagnostics, Test Equipment
- ▶ Industrial Control Panels

| Lumex Part Number      | Die Material | Emitted Color            | Peak (nm) | Lens            | Operating Current (mA) | Operating TYP. Vf (V) | Brightness TYP. Mcd | @ mA | View Angle° 2θ | Component LED Used |
|------------------------|--------------|--------------------------|-----------|-----------------|------------------------|-----------------------|---------------------|------|----------------|--------------------|
| <b>HIGH BRIGHTNESS</b> |              |                          |           |                 |                        |                       |                     |      |                |                    |
| SSA-LXB140SID          | AlInGaP      | Super High Intensity Red | 636       | Red Diffused    | 5-25                   | 2                     | 100                 | 20   | 110            | SSL-LX2573SID      |
| SSA-LXB140SOD          | AlInGaP      | Super Orange             | 610       | Orange Diffused | 5-25                   | 2                     | 100                 | 20   | 110            | SSL-LX2573SOD      |
| SSA-LXB140UGD          | AlInGaP      | Super Ultra Green        | 574       | Green Diffused  | 5-25                   | 2.2                   | 50                  | 20   | 110            | SSL-LX2573UGD      |
| SSA-LXB140SYD          | AlInGaP      | Super Yellow             | 590       | Yellow Diffused | 5-25                   | 2                     | 100                 | 20   | 110            | SSL-LX2573SYD      |
| SSA-LXB140USBD         | InGaN/SiC    | Ultra Super Blue         | 470       | Blue Diffused   | 5-25                   | 3.5                   | 60                  | 20   | 110            | SSL-LX2573USBD     |



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