

## ▼ CHAPTERS

Coherent  
SourcesIncoherent  
SourcesQuantum  
Electronics

Drivers/Mounts

Accessories

## ▼ SECTIONS

Mounted LEDs

Unmounted LEDs

SLDs

ASE Sources

Lamps

Optical Amplifiers

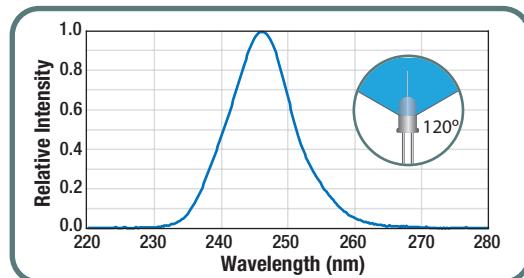
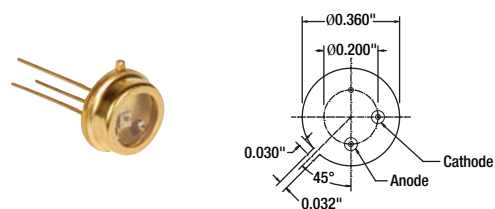
Have you  
seen our...LED  
MountsSee page  
1499 **$\lambda = 245 \text{ nm}$ ,  $P = 0.07 \text{ mW}$  LED**

- UVTOP® UV LED with Window
- TO-39 Package

| CHARACTERISTIC ( $T_a = 25^\circ\text{C}$ ) | MIN     | TYPICAL | MAX    |
|---------------------------------------------|---------|---------|--------|
| Peak Wavelength                             | 240 nm  | 245 nm  | 250 nm |
| Optical Power @ 20 mA, CW                   | 0.03 mW | 0.07 mW | –      |
| Spectral Half Width                         | –       | 6 nm    | 7.5 nm |
| Viewing Full Angle                          | –       | 120°    | –      |
| Forward Current                             | –       | –       | 25 mA  |
| Pulsed Forward Current*                     | –       | –       | 200 mA |
| Reverse Voltage                             | –       | –       | 6.0 V  |
| Forward Voltage @ 20 mA                     | –       | 10 V    | 13 V   |
| Operating Temperature                       | -30 °C  | –       | 55 °C  |
| Storage Temperature                         | -30 °C  | –       | 100 °C |

\*1 ms Pulse with 1% Duty Cycle

| ITEM #  | \$        | £        | €        | RMB        | DESCRIPTION                                       |
|---------|-----------|----------|----------|------------|---------------------------------------------------|
| LED245W | \$ 444.00 | £ 319.68 | € 386,28 | ¥ 3,538.68 | UVTOP® UV LED with Window, 245 nm, 0.07 mW, TO-39 |

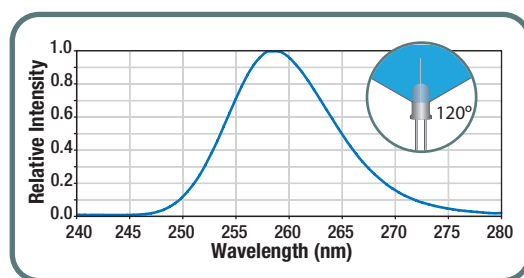
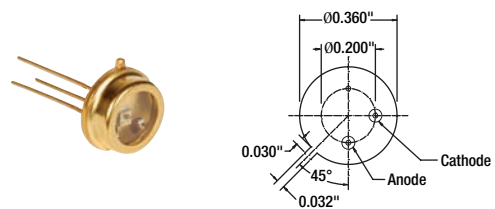
 **$\lambda = 260 \text{ nm}$ ,  $P = 0.30 \text{ mW}$  LED**

- UVTOP® UV LED with Window
- TO-39 Package

| CHARACTERISTIC ( $T_a = 25^\circ\text{C}$ ) | MIN    | TYPICAL | MAX    |
|---------------------------------------------|--------|---------|--------|
| Peak Wavelength                             | 255 nm | 260 nm  | 264 nm |
| Optical Power @ 20 mA, CW                   | –      | 0.30 mW | –      |
| Spectral Half Width                         | –      | 6 nm    | 7.5 nm |
| Viewing Full Angle                          | –      | 120°    | –      |
| Forward Current                             | –      | –       | 30 mA  |
| Pulsed Forward Current*                     | –      | –       | 200 mA |
| Reverse Voltage                             | –      | –       | 6.0 V  |
| Forward Voltage @ 20 mA                     | –      | 6.5 V   | 8.0 V  |
| Operating Temperature                       | -30 °C | –       | 55 °C  |
| Storage Temperature                         | -30 °C | –       | 100 °C |

\*1 ms Pulse with 1% Duty Cycle

| ITEM #  | \$        | £        | €        | RMB        | DESCRIPTION                                       |
|---------|-----------|----------|----------|------------|---------------------------------------------------|
| LED260W | \$ 310.00 | £ 223.20 | € 269,70 | ¥ 2,470.70 | UVTOP® UV LED with Window, 260 nm, 0.30 mW, TO-39 |

 **$\lambda = 265 \text{ nm}$ ,  $P = 0.3 \text{ mW}$  LED**

- UVTOP® UV LED with Window
- TO-39 Package

| CHARACTERISTIC ( $T_a = 25^\circ\text{C}$ ) | MIN     | TYPICAL | MAX    |
|---------------------------------------------|---------|---------|--------|
| Peak Wavelength                             | 260 nm  | 265 nm  | 270 nm |
| Optical Power @ 20 mA, CW                   | 0.18 mW | 0.3 mW  | –      |
| Spectral Half Width                         | –       | 6 nm    | 7.5 nm |
| Viewing Full Angle                          | –       | 120°    | –      |
| Forward Current                             | –       | –       | 30 mA  |
| Pulsed Forward Current*                     | –       | –       | 200 mA |
| Reverse Voltage                             | –       | –       | 6.0 V  |
| Forward Voltage @ 20 mA                     | –       | 6.5 V   | 8 V    |
| Operating Temperature                       | -30 °C  | –       | 55 °C  |
| Storage Temperature                         | -30 °C  | –       | 100 °C |

\*1 ms Pulse with 1% Duty Cycle

| ITEM #  | \$        | £        | €        | RMB        | DESCRIPTION                                      |
|---------|-----------|----------|----------|------------|--------------------------------------------------|
| LED265W | \$ 350.00 | £ 252.00 | € 304,50 | ¥ 2,789.50 | UVTOP® UV LED with Window, 265 nm, 0.3 mW, TO-39 |

