255nm LED performance information
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Intensity & Wavelength vs. Input current

Intensity, relative units

Current input, mA

Center wavelength, nm

Intensity & Wavelength vs. Input current

Current input, mA

Center wavelength, nm
UVLED255 output vs current vs forward bias voltage

This plot shows the Forward Voltage vs. Input Current. Also shows output as a function of forward Bias current. All this data is at Room Temperature operation.
The output improved by 600% when the LED was cooled from room temperature to –108°C. In addition, there was a shift to deeper UV by over 5nm.
Beam Patterns

- UVLED255-Hemi at 0.5cm from surface of LED
- UVLED255-Hemi at 2.0cm from surface of LED
- UVLED255 at surface of LED
- UVLED255 at 1.0cm from surface of LED
LED Angular distribution of light

Typical angular diagrams (left: ball and hemispherical lens window; right: flat window, 2 chips)