

NEWSRELEASE

OPTO DIODE CORPORATION

An ITW Company
1260 Calle Suerte
Camarillo, CA 93012
Contact: Russell Dahl, Business Unit Manager
Phone: 805-499-0335 x312
Fax: 805-499-8108
E-mail: russdahl@optodiode.com
Web Site: www.optodiode.com

Media Contact: Marlene Moore
Smith Miller Moore
Phone: 818-708-1704
Email: marlene@smithmillermoore.com

For Immediate Release

Opto Diode Introduces the Third in a Series of Narrow-Spectral-Output Ultraviolet LEDs

CAMARILLO, Calif. – Feb. 25, 2019 - Opto Diode Corporation, an ITW company, introduces the third device in a series of narrow-spectral-output ultraviolet light-emitting diodes (UVLEDs), the **OD-265-003**. The UVLED with lens features a narrow radiation pattern and total power output of 0.5 mW (minimum) to 0.58 mW (typical). The newest device in Opto Diode's family of ultraviolet LEDs is housed in a hermetically-sealed TO-46 package, making it convenient to integrate into existing or new systems.



Electro-optical characteristics (at 25° C) include emission wavelengths ranging from 260 nm (minimum) to 270 nm (maximum), with a typical peak emission at 265 nm. The spectral bandwidth is 13 nm (typical), the half-intensity beam angle is only 9 degrees, forward voltage is 5 volts (typical) to 6.5 volts (maximum), and capacitance is 350 pF (typical). The new, narrow-spectral-output UVLED offers long-lifetime operation and is well-suited for disinfection applications.

All devices in Opto Diode's UVLED family feature operating temperature ranges from -30 °C to +80 °C and storage temperature ranges from -40 °C to 100 °C. To learn more about Opto Diode's OD-265-003 ultraviolet LED and to view a schematic, packaging information, a power output vs. temperature graph, a spectral output chart, radiation patterns, and power output degradation graphs, please go to:

<https://optodiode.com/pdf/OD-265-003DS.pdf>.

Opto Diode Corporation (Camarillo, CA - www.optodiode.com), an ITW Company, delivers industry-leading sensors, photodiodes, IR detectors, photonic modules, assemblies, and LEDs. Available in standard and custom designs, Opto Diode products have earned a reputation for high performance, superior quality and reliability for over 30 years. Opto Diode offers advanced performance sensors from the extreme ultraviolet (UV) to the mid-infrared (mid-IR). Our products provide unparalleled high-energy particle, electron, X-ray, and UV detection along with superior sensitivity to discriminate trace gases or detect heat, sparks, or flames in the mid-IR spectrum. Other products include high performance LEDs with radiometric emissions from 365 to 940 nm and IR emitters covering 1 to 10 microns.

Opto Diode serves a variety of industries including aerospace, automotive, biotechnology, food processing, medical, military/defense, industrial, semiconductor equipment manufacturing, and test & measurement. Our manufacturing process is in a cleanroom environment, from start to finish. Opto Diode's domestic U.S. facility is optimized for design and manufacturing with an on-site wafer fabrication, class 1,000 to class 10,000 clean rooms, extensive assembly capabilities and packaging expertise. From prototyping to high-volume production, we manufacture wafers-to-components then package and assemble photonic modules-to-optoelectronic sub-systems. For more information, visit www.optodiode.com.

#