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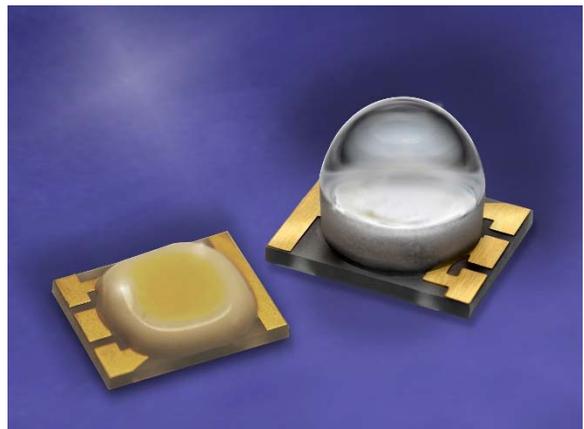
For Immediate Release

EPIGAP OSA Launches Website for Custom and Standard LEDs and Photodetectors

- New web platform offers intuitive and interactive product search function for LEDs and Photodetectors, plus a new Monolithic Displays and Reticles Section.

Berlin, Germany – April 7, 2025 – EPIGAP OSA Photonics GmbH

www.epigap-osa.com), a leading global manufacturer of custom and standard LEDs and photodetectors announces the launch of a new website with a highly interactive product search function for LEDs and photodetectors. The company's extensive product line includes LED Chips (<https://www.epigap-osa.com/led-chips/>) that operate in the UV, VIS, NIR, and SWIR, LED SMDs (<https://www.epigap-osa.com/led-smd/>), available in UV, VIS, NIR, SWIR, and Broadband, THT LEDs with through-hole technology (<https://www.epigap-osa.com/led-tht/>) offered in UV, VIS, and IR wavelengths, and light-sensitive Detectors (<https://www.epigap-osa.com/detectors/>) that operate from UV to SWIR, in SMD and THT form factors.



Every product page provides users a customizable view of each product family using a simple dropdown menu. The customer can select the parameters that meet their specifications. The company's popular SMD LED product "Families" dropdown menu offers High Power, Broadband, Standard, 2-chip or 3-chip LEDs. Also selectable are the "Sub Family" parameters of Bipolar, Compact, or Low Current, and three "Lens" choices of Flat, Glob, or Lens. The "Wavelengths" are clearly marked for selection at the top of the product page and in the product chart on the same page. Other parameters include the Footprint for each device (e.g. 1414, 2418, 1108, 1206, and 0805), Current, Radiant Power, Radiant Intensity, Luminous Intensity, and FWHM. The user can quickly click on a downloadable product datasheet PDF without a pesky registration page or log-in requirement.

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To order, one simply clicks on the blue Order tab and it auto-fills the product Model Number in an email to sales@epigap-osa.de, or to order from the Distributor page, go to: <https://www.epigap-osa.com/contact/#distributors>.

The company's website also features the popular Photonic Assembly section (<https://www.epigap-osa.com/photonic-assembly/>) that highlights custom design and packaging services plus custom SMD or chip-on-board production for industrial, medical, and defense industries. Other services include one-stop semiconductor manufacturing, assembly services, and customized photonic solutions.

CEO Matthias Gamp, EPIGAP OSA Photonics Group, notes, "Our new website was designed to give our customers a quick, intuitive, and easy-to-navigate product search experience. We are proud to be a world leader in LED and photodetector technology with our mission to provide the best standard and custom photonic devices and assemblies to our current and future customers. We invite you to partner with us for all your LEDs and photodetector needs, including any customized solutions you require."

Image	Product	Product Family	Sub Family	Lens	Footprint (mm/in)	Current (mA)	Radiant power (mW)	Radiant Int. (mW/sr)	Luminous Int. (mcd)	Wavelength (nm)	FWHM (nm)	Shop	Datasheet	Request
	OCU-431 UI225	High Power		Flat	3535 (1414)	200	0.6			225	12			Order →
	OCU-431 UI230	High Power		Flat	3535 (1414)	200	6			230	12			Order →
	OCU-430 UC255	High Power		Flat	3535 (1414)	100	15			205	12			Order →

ABOUT THE COMPANY:

EPIGAP OSA Photonics GmbH (www.epigap-osa.com) is an international supplier of state-of-the-art standard and custom LED chips, surface-mounted LEDs, multi-chip LEDs, customized LED modules, and photodetectors. Based on silicon carbide (SiC), silicon (Si)

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gallium arsenide (GaAs), and indium gallium arsenide (InGaAs) technologies, the company is a recognized leader in the innovation of photonics and LED solutions for a wide variety of industries including medical, pharmaceutical, commercial, agriculture, industrial sensing, aviation, and defense.

Our company's latest innovation is our broadband conversion SMD LEDs with operating ranges from 400 nm to 1100 nm, making them ideal for critical biomedical applications, hyperspectral imaging tasks, and more. The product series provides an affordable and desirable alternative to aging lamp technologies such as mercury, Xenon, and tungsten-halogen.

Our recently introduced high-power, shortwave infrared (SWIR) LEDs products family features ground-breaking extended operating wavelengths from >1720 nm to 2300 nm. These reliable, long-lifespan, light-emitting devices are ideal for IR imaging applications through fog, dust, and smoke, materials sorting and detection, and non-intrusive imaging that enables discreet biometrics and surveillance tasks.

The complete spectral range of EPIGAP-OSA Photonics group's LEDs operate from ultraviolet (200 nm) out to SWIR (2300 nm) with high stability, durability, and reliability. Customers may select high-efficiency LEDs according to chip size, optical output, and electrical parameters with an accuracy of up to ± 3 nm to meet their most demanding specifications.

We are proud to offer custom LED and photodetector services designed to meet or exceed your expectations. Ask about our complete, end-to-end solutions including design and development, prototyping, series production, supply chain management, and comprehensive services from component manufacturing to complex optoelectronic modules.

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