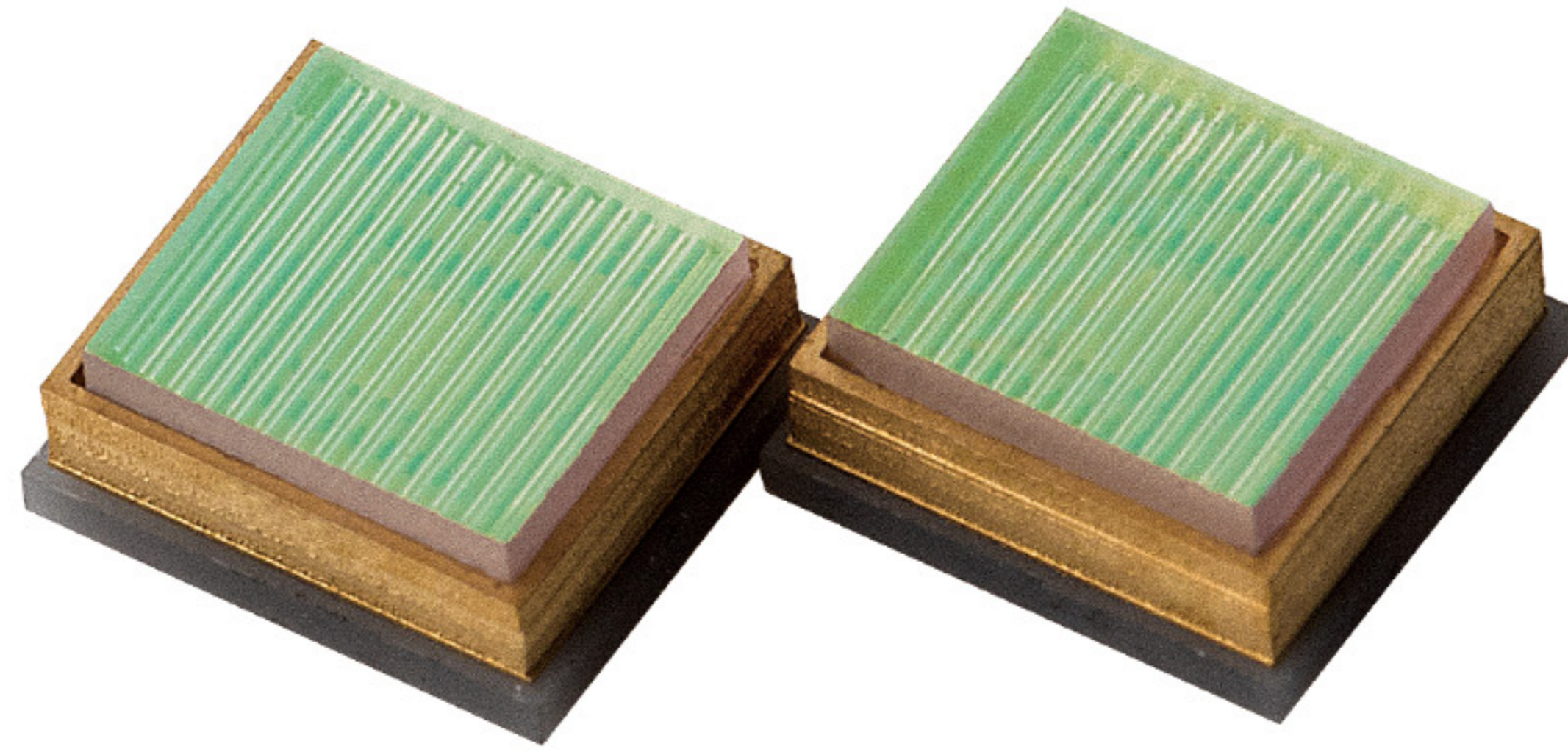


ULTRA-WIDE FOV VCSEL ILLUMINATOR FOR DMS/OMS



AT02 / AT02 Pro

With advantages of ultra-wide FOV, batwing distribution, high resistance to sunlight, high resolution, etc., Focuslight VCSEL illuminator AT02 / AT02 Pro provides high performance and high reliability solutions for DMS and OMS illumination as an upgrade alternative to LED illuminator. It is the preferred illumination solution for automotive-grade DMS and OMS.



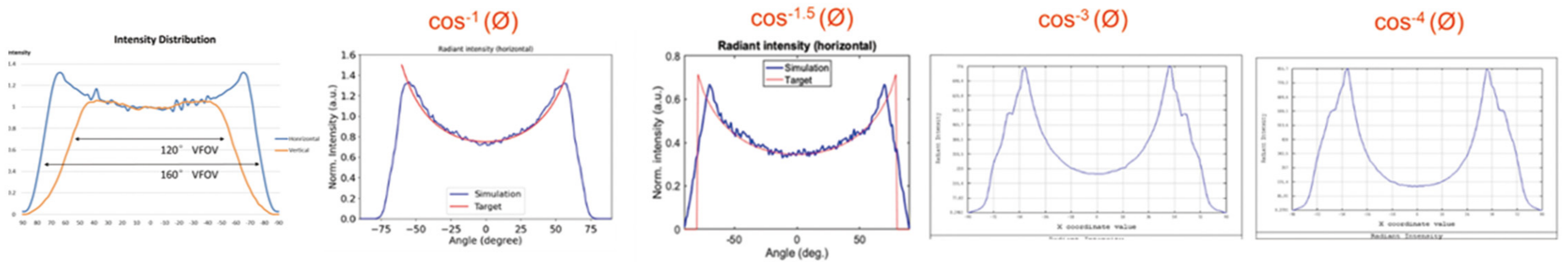
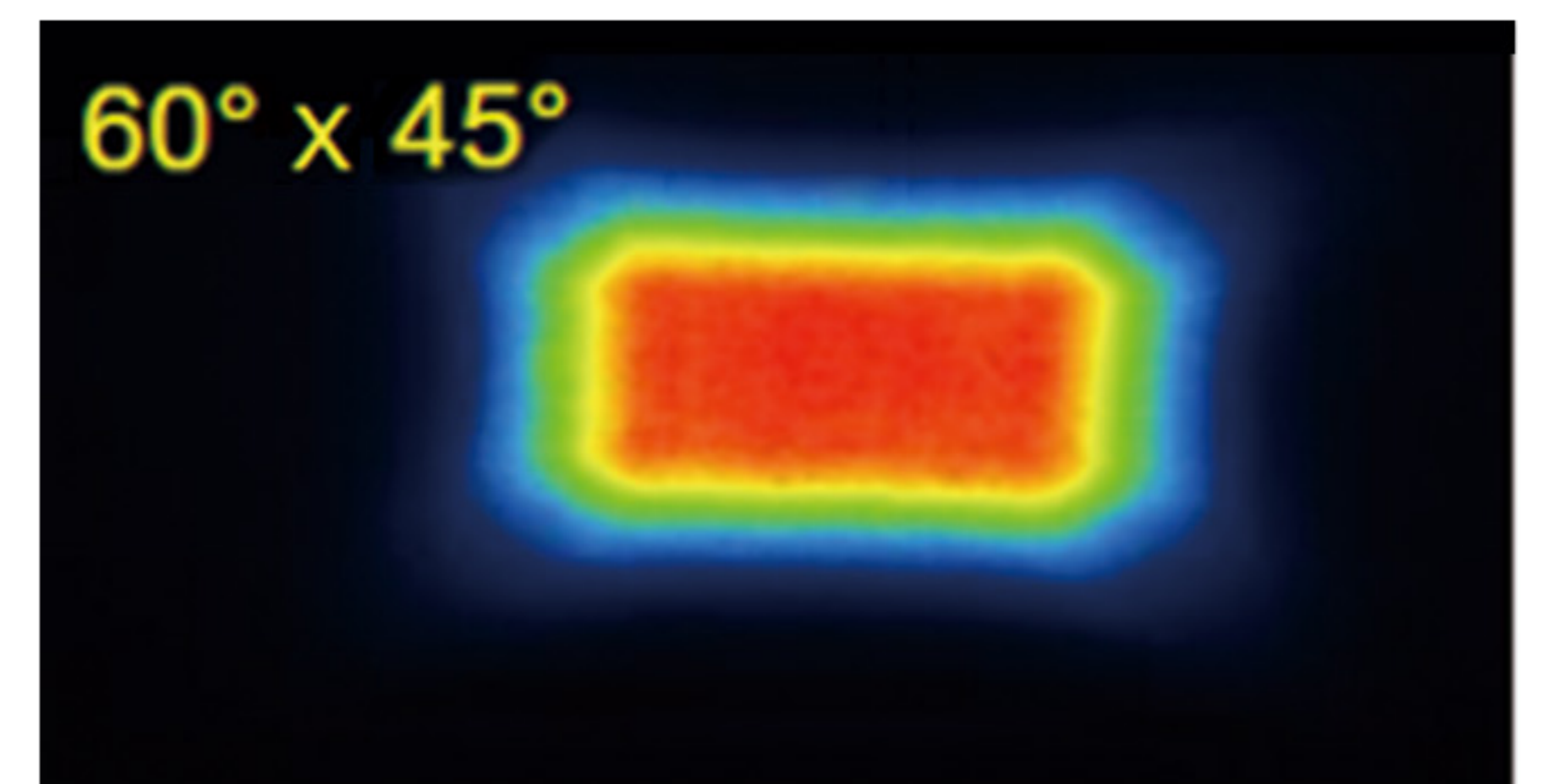
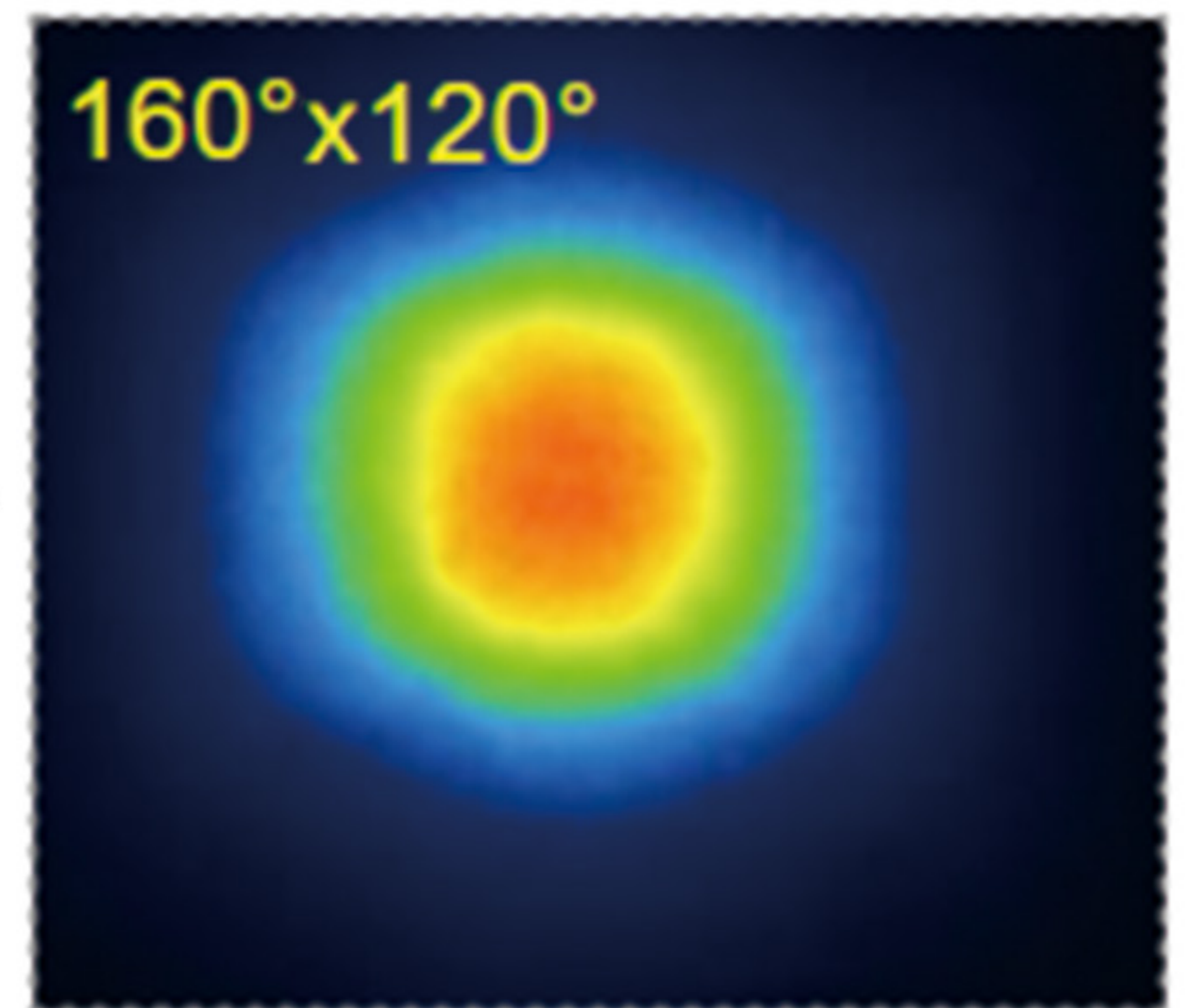
AT02 / AT02 Pro series 3235 copper wall

SPECIFICATIONS

- Peak power: 3 W or 5 W
- Wavelength: 940 nm
- FOV @ FWHM: 160° x 120°, 120° x 20°, 120° x 60°, 60° x 45°, customizable
- Intensity distribution: Batwing distribution ($\cos^{-n}(\theta)$ customizable)
- Operating temperature: -40°~105°C
- Dimension: 3.5 x 3.5 mm/3.2 x 3.5 mm

FEATURES

- Ultra-wide FOV 160° x 120°
- Batwing intensity distribution
- Free of zero-order issue
- Automotive-grade glass diffuser



COMPANY INTRODUCTION

Founded in 2007 and headquartered in Xi'an, China, Focuslight Technologies Inc. is a fast-growing public company (SSE Star Market: 688167) that develops and manufactures high power diode lasers (photon generation), laser optics (photon control), and photonics modules and systems (application solutions) with a focus on automotive, pan-semiconductor, and medical & health application solutions. In 2017, Focuslight successfully acquired LIMO GmbH, and completed the brand unification in January 2022. In January 2024, Focuslight acquired SUSS MicroOptics (now as Focuslight Switzerland). Focuslight owns over 400 patents worldwide and is ISO 14001, ISO 45001, ISO 9001, and IATF 16949 certified. Additional information can be found at www.focuslight.com.