

Best solutions for LED processing

Laser technologies for various LED applications



Lasers from ROFIN are the cost efficient and high-quality solution for processing of LEDs in different application fields. Laser marking is extremely demanding with regard to character height, line width, exact positioning and speed. ROFIN's strength is the real-time compensation of position tolerances which is indispensable for a reliable production process.

Features and Benefits

- reliable high-speed processing of LEDs
- cost-efficient operation
- high integration capability of the lasers



Dashboard lighting with LED

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ROFIN's lasers e. g. the PowerLine E series mark LED components at a wavelength of 532 nm during the LED production process with miniscule OCR fonts and 2D matrix codes. They are suitable for various substrates, extremely small character heights and line widths.

Examples for Application Fields

- marking
- engraving
- wafer and ceramics scribing



Mobile phone display lighting