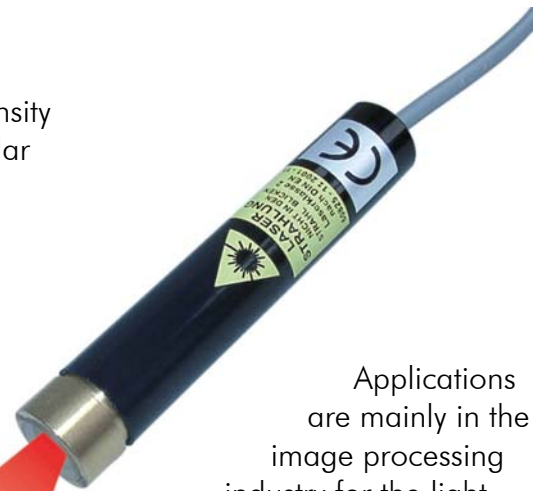
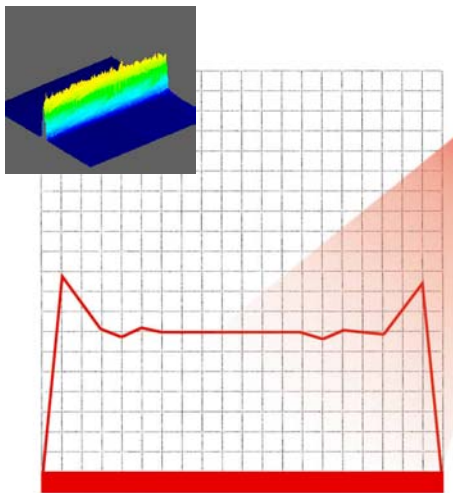


Line generating FLEXPOINT® with linear intensity distribution



The FLEXPOINT®-HOM series lasers offer uniform intensity distribution along the projected line compared to regular line generating laser diode modules, setting them apart from modules that use cylindrical lenses that result in a Gaussian intensity distribution.



Applications are mainly in the image processing industry for the light-section method.

FEATURES

- No Gaussian intensity distribution along the line!
- Focusable between 0.2 m - ∞
- Small housing
- Competitively priced

SPECIFICATIONS

Fan angle	10° / 30° / 45° / 60° / 90°
Wavelength	532 nm, 635 nm, 650 nm, 655 nm, 658 nm, 670 nm
Output power	1 mW – 20 mW (wavelength dependent)
Operating voltage	4.5 – 6 VDC
Power consumption	< 80 mA
Size	l = 61 mm, Ø = 11.5 mm
Housing	Aluminum, black anodised; supply voltage not connected to housing
Wire configuration	brown: + white: ⊥ green: Modulation (optional) Reverse voltage protection 2 m cable
Options	- digital or analogue modulation (0 – 10 kHz, optional 1 MHz) - adjustable power via potentiometer or modulation wire - 8 – 30 VDC operating voltage

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