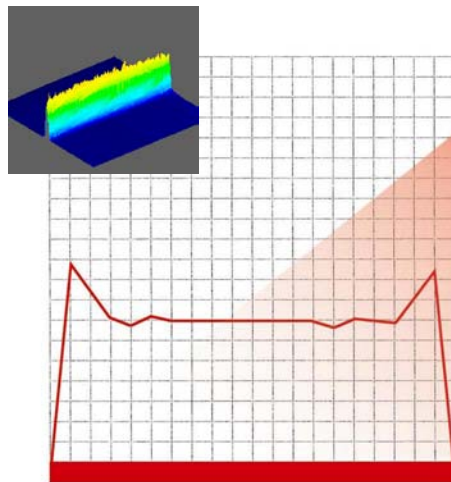


# Line generating FLEXPOINT® with linear intensity distribution



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 50 mm - ∞
- Small housing
- Competitively priced

## SPECIFICATIONS

Fan angle	10° / 30° / 45° / 60° / 90°
Wavelength	532 nm, 635 nm, 640 nm, 650 nm, 658 nm (other wavelength on request)
Output power	1 mW – 70 mW (wavelength dependent)
Operating voltage	4.5 – 6 VDC (4.5 – 30 VDC for 532 nm)
Power consumption	< 200 mA (depending on output power)
Size	l = 61 mm, Ø = 11.5 mm (l ≤ 80 mm for 532 nm)
Housing	Aluminum, black anodised; supply voltage not connected to housing
Wire configuration	brown: + white: ⊥ green: modulation (optional) Reverse voltage protection 2 m cable - digital or analogue modulation (0 – 10 kHz, optional 1 MHz, not for 532 nm)
Options	- adjustable power via potentiometer or modulation wire - 8 – 30 VDC operating voltage

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光技術をサポートする  
**株式会社オプトサイエンス**  
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