



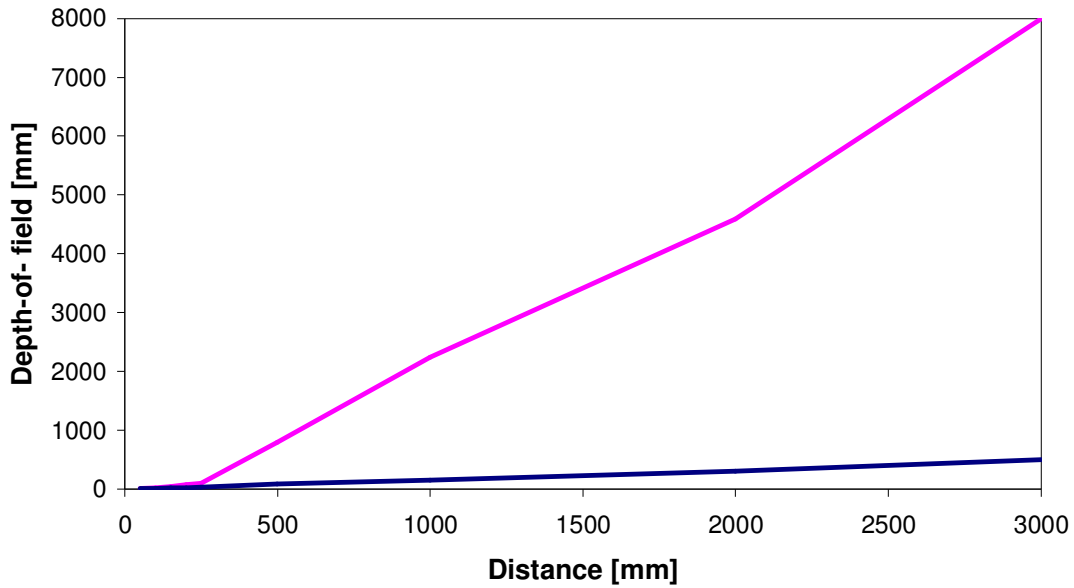
Laser Diode Module HAML-XXXX-YY-Z

Wavelength @ 25°C	405nm ... 1060nm
Power output @ 25°C	<100mW
Power stability	< 5 %
Light mode	CW
Beam divergence	>0.1mrad
Beam shape	non-Gaussian line, full angle 10° ... 90°
Focus	Adjustable
Boresight alignment	<1mrad
Operating voltage	5±0,5V DC
Operating current max	< 200mA
Reverse polarity protection	+
ESD protection	2 kV
Housing electrical potential	Positive potential
Operating temperature band	10...40°C
Dimensions	Ø16.5mm × 88mm
Electrical connection	connector; >1m cable
Optics	HQ optical glass, AR-coated both sides
Housing	Black anodized aluminum

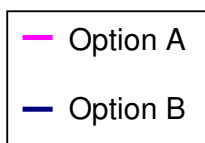
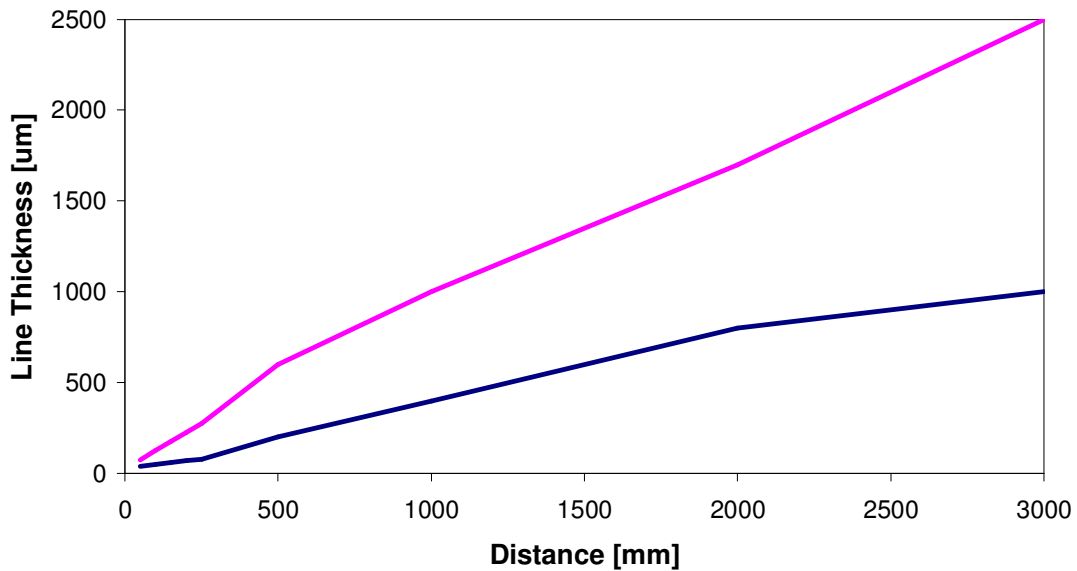
- Wavelength – XXXX
- Power output – YY
- Option – Z; A: long depth-of-field; B: smallest line thickness
- Potentiometer for power adjustment
- TTL modulation to 100 kHz is an option.

Typical Performance Data

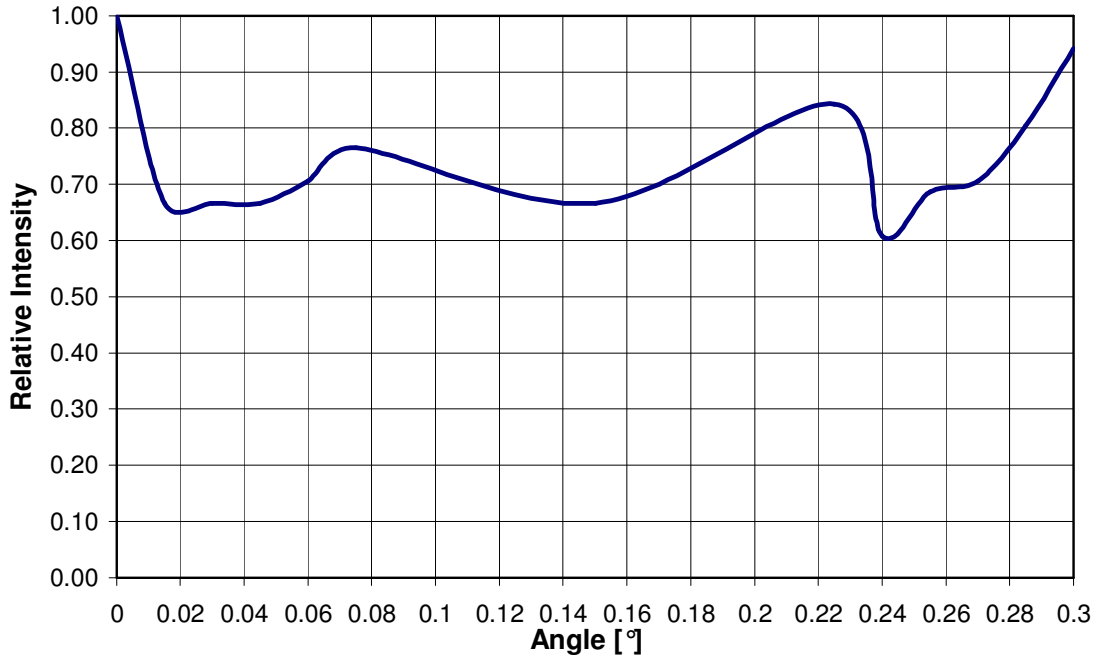
Depth-of-field



Line Thickness



Power Distribution non-Gaussian Line (Typical Profile)



Housing Drawing

