



BRACKETS:



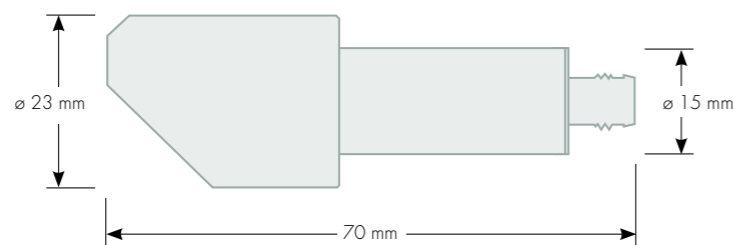
POWER SUPPLY:



CONNECTOR CABLE:



DRAWING (1:1):



UD LASER
5 ... 30 mW



LOW MOUNTING SPECIALIST:

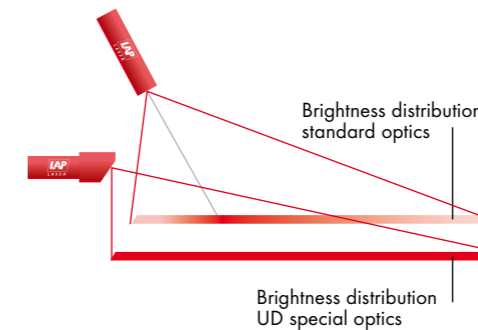
Diode lasers of LAP UD Series are designed for installation low above the working surface.

The UD series was the answer on customers requests for a laser with small housing like LD series, line length and quality of ULTRALINE to be built in low above working level. The main target for UD lasers are veneer- or sheet metal shears, as well as any place where you have little headroom but you need a long line, starting directly below the laser.

You need a 4 m line, you only have 50 cm of height and the laser must be installed on one side of the opening? Then you need a UD laser!

FEATURES:

- Small housing
- Extremely low mounting position
- Special optics for laser line with homogeneous brightness distribution



Technical data	
Laser type, Wavelength	Diode, 635 nm, red
Power supply	4 ... 6 V DC
Application conditions	- 10 ... +40°C, 35 ... 90 % rel. humidity, non-condensing
Enclosure rating	IP 42
Divergence	0,5 mrad
MTTF	> 30.000 h at 25°C
Dimensions	Length 70 mm, Ø 23 mm (front)/15 mm (back)
Connector	M8, 3-pol.

LINE LASERS

Laser power	Product	Laser class	Line length*
5 mW	LAP UD-PL	1	up to 3 m
10 mW	LAP UD-XL	2	up to 6 m
15 mW	LAP UD-XXL	2	up to 9 m
30 mW	LAP UD-XXXL	2M	up to 12 m

*Line length depends on ambient light, mounting position and angle