



BRACKETS:



POWER SUPPLY:



CONNECTOR:

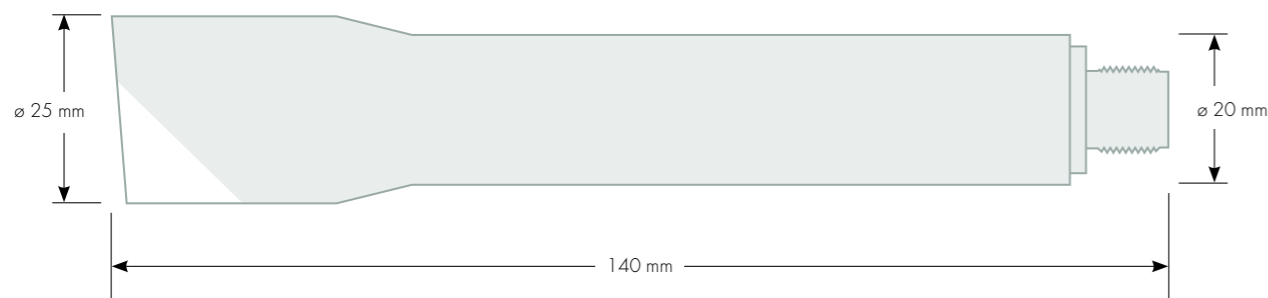


HEATSINK:



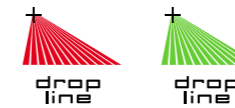
Cooling Element optional

DRAWING (1:1):



XtrAlign HU

1 ... 30 mW
1 ... 40 mW



SPECIAL OPTICS

LAP XtrAlign HU lasers have a bright green line with an even brightness distribution. Due to the asymmetric optics HU lasers can be mounted low at one side of the projection surface.

VIRTUALLY UNBREAKABLE

IK10 is the highest rating to define the resistance to impacts by kinetic energy. XtrAlign lasers have to withstand the impact of a 5 kg steel free fall hammer. 5 times. Tough enough?

DUST- AND WATERPROOF

You need lasers for use in the desert or offshore? Try LAP XtrAlign series. The enclosure rating is IP67. One restriction only: obviously you have to keep the beam exit clean.

FEATURES:

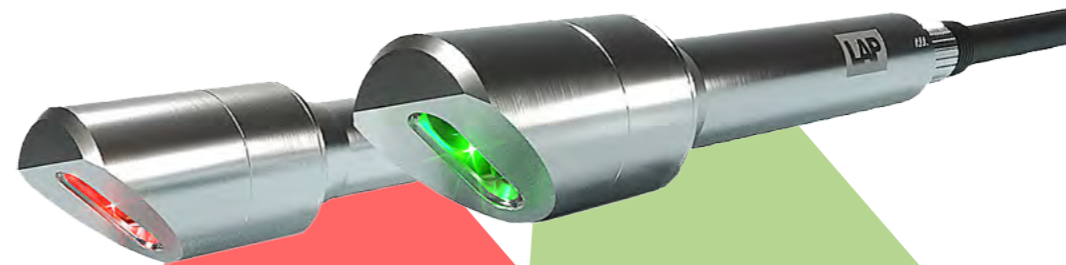
- Improved longevity due to diode laser source
- Optimal visibility of green beam
- „Heavy Duty“, extremely robust
- Special optics for laser line with homogeneous brightness distribution

Technical data	
Laser type, Wavelength	Diode, 520 nm, green Diode, 638 nm, red
Power supply	12 ... 30 V DC
Application conditions	-10 ... +40 C, 35 ... 90 % rel. humidity, non-condensing
Enclosure rating	IP 67, IK10
Divergence	0,5 mrad
MTTF	> 30.000 h at 25°C
Dimensions	Length 140 mm, Ø 25 mm (front)/20 mm (back)
Connector	M12, 4-pol.

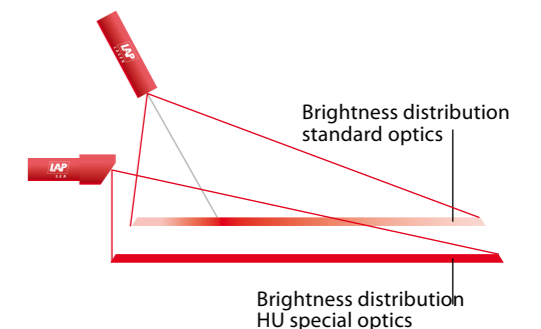
RED LINE LASERS			
Laser power	Product	Laser class*	Line length*
1 mW	LAP 1 HU-63	1	up to 1 m
3 mW	LAP 3 HU-63	1	up to 2 m
5 mW	LAP 5 HU-63	1	up to 4 m
10 mW	LAP 10 HU-63	1	up to 6 m
15 mW	LAP 15 HU-63	1	up to 10 m
30 mW	LAP 30 HU-63	2	up to 15 m

GREEN LINE LASERS			
Laser power	Product	Laser class*	Line length*
1 mW	LAP 1 HU-52	1	up to 1 m
3 mW	LAP 3 HU-52	1	up to 2 m
5 mW	LAP 5 HU-52	1	up to 4 m
10 mW	LAP 10 HU-52	1	up to 6 m
15 mW**	LAP 15 HU-52	1	up to 10 m
30 mW**	LAP 30 HU-52	2	up to 15 m
40 mW**	LAP 40 HU-52	2	up to 20 m

* line length depends on ambient light, mounting position and angle
**LAP bracket or heatsink required



Get the red or green light for your production.



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