



LLM-PTAL

NEW LASER LIGHT MODULE FOR PISTOLS

The Laser Light Module „Pistol Tactical Aiming Laser“ (LLM-PTAL) from Rheinmetall Soldier Electronics (RSE) is a compact and lightweight module specially designed for pistols.

Target illumination is provided by an IR near-field illuminator and a white light, giving the operator light in any Close Combat Battle (CQB). It is also equipped with an IR aiming laser and a visible red/green aiming laser, both integrated in one co-aligned laser block.

The newly developed module offers a high laser output (up to laser class 3B), which is permanent electronically regulated while adhering to the highest laser standards. The LLM-PTAL has a coding plug interface for power adjustment for safe training mode (like effective force on force training), selectable from laser class 1 to 3B.

In addition to the ergonomic operability, which can be carried out with both hands using the fingertips, the module comes with the possibility of a variety of different mounts for pistols as well as different selectable holsters. The single battery can be changed via lamp head while the module is mounted on.

FEATURES

- IR near-field illuminator and white light illuminator
- IR aiming laser and visible aiming laser (green or red)
- All lasers co-aligned to bore sight with a single adjustment
- Different power modes from training up to combat
- Slim-line design for flat holster
- Holsters for most popular pistols available
- Waterproof up to 30m for 2 h (IP68)
- Powered by one IEC CR17345/CR123 battery
- Housing colour: silver polish, flat dark earth, black

WEAPON MOUNTING

- Various mounts for most popular pistols available e.g. GLOCK17, HK SFP 9, SIG P320 , ...
- Ambidextrous operation possible

TECHNICAL DATA

General

Length x width x height	76 x 45 x 30 mm
Total height from rail (under rail)	27 mm
Weight incl. battery and rail mount	N/Ag
Battery	1 x IEC CR17345/CR123
Battery life	5 h (Dual IR 0.4/40 mW)
Waterproof (IP68)	30 m for 2 h
Operating temperature (STANAG 2895)	-32°C to +71°C
Test standard	MIL-STD-810



MODE DATA

Mode	Wavelength/colour temperature	Max. output power/luminous flux	Beam divergence
Visible aiming laser red/green	635 nm/520 nm	5 mW	0.5 mrad
IR aiming laser	850 nm	5 mW	0.5 mrad
White light lamp	4000 – 9000 K	up to 300 lm	–
Near-field illuminator	850 nm	70 – 80 mW	–

All parameters in the tables were measured at room temperature.



Laser beams can cause damage to your eyes.
The user is responsible to observe the local
safety regulations.

Subject to technical changes, error, and printing errors.

CONTACT US

For more information or questions about an individual
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