



LM-LOWPROFILE

COMPACT AND LIGHTWEIGHT PACKAGE

The Laser Module “LowProfile” (LM-LowProfile) from Rheinmetall Soldier Electronics (RSE) is based on the proven RSE LLM-VarioRay laser block technology.

It features a powerful variable IR illuminator for Close Quarter Battle (CQB) and two aiming lasers (infrared and visible) in an integrated co-aligned laser block, within a world-class compact and lightweight package.

The full metal case with integrated mount extends less than 25 mm above the accessory rail so that (holographic) sights are not obstructed. Due to asymmetrical design, the LM-LowProfile can be used with common iron sights.

Eye safe training mode for effective force on force training. The LM-LowProfile has a blue coloured safety screw that defines the laser power. In addition, a trigger cable can be used to allow direct operation on the weapon.

Further options include Y-cables to interface to a variety of tactical lights, including the RSE TL-MissionLight.

FEATURES

- Electronically focusable IR illuminator
- IR aiming laser
- Visible aiming laser (green or red)
- All lasers co-aligned to bore sight with a single adjustment
- Asymmetrical design – usable with iron sight
- Different laser power modes for training and combat
- Blue safety screw determines laser power, trigger cable optional
- Waterproof up to 30m for 2h (IP68)
- Powered by one IEC CR17345/CR123 battery

CONNECTIVITY

- Standard picatinny mount (MIL-STD-1913/STANAG 4694)
- Y-cable: For combination with different weapon lamps (Rheinmetall or third party)
- Easy single button operation

TECHNICAL DATA

General

Length x width x height	85 x 65 x 35 mm
Total height from rail	25 mm
Weight incl. battery and rail mount	160 g
Battery	1 x IEC CR17345/CR123
Battery life	3 h (Dual IR 30/75 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	typ. wavelength	typ. output power	typ. beam divergence
Visible aiming laser red	640 nm	60 mW	0.5 mrad
or visible aiming laser green	520 nm	20 mW	0.5 mrad
IR aiming laser	850 nm	30 mW	0.5 mrad
IR illuminator w. electronic focus	850 nm	60 mW	5 mrad to 150 mrad

The laser output power is specified at maximum capacity and can be limited by using colour-coded remote cables.
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 configuration of the Rheinmetall Soldier Electronics products, please contact our sales consultants.

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