

40x46 mm Round

RLV-ILL-WS, RLV-ILL-RS, RLV-ILL-GS, RLV-ILL-YS

Illuminating Grenade-Parachute

RLV-ILL-WS = NSN: 1310-50-001-2385

RLV-ILL-RS = NSN: 1310-50-001-2743

RLV-ILL-GS = NSN: 1310-50-001-3933

RLV-ILL-YS = NSN: 1310-50-001-3932

The 40x46 rounds **RLV-ILL-WS, RLV-ILL-RS, RLV-ILL-GS, RLV-ILL-YS** are used to provide illumination of the target area in the dark. It enhances tactical capabilities and contributes to the increase in the effectiveness of the conducted operations by providing illumination overhead for not less than 25 seconds per round to allow visual confirmation of potential threats otherwise hidden in the dark.

Tip of each round identifies color so you can determine which round to use when in a pouch.

The Rounds are compatible with:

- Underbarrel Grenade Launchers: ARSENAL UBGL-M6 / UBGL-M7 / UBGL-M16 / M203 / FN



12. 40x46 rounds
with star grenades.

GL1 / HK269 / AG36 / and other launchers adopted to use lethal ammunition (combat types, e. g. - HEF / HEDP / AD / TB);

- Stand-alone Grenade Launchers: ARSENAL UGGL-M1 / HK169 / HK269 / FN GL-S / M320 / and other launchers adopted to use lethal ammunition (combat types, e. g. - HEF / HEDP / AD / TB);
- Multi-shot Grenade Launchers: Milkor Mark 1L / Rippel XRGL / ARSENAL MSGL / and other launchers adopted to use lethal ammunition (combat types, e. g. - HEF / HEDP / AD / TB);



40x46 mm Round RLV-ILL-WS, RLV-ILL-RS, RLV-ILL-GS, RLV-ILL-YS Illuminating Grenades

TECHNICAL CHARACTERISTICS	RLV-ILL-WS	RLV-ILL-RS	RLV-ILL-GS	RLV-ILL-YS
Type	Low Velocity, Signaling with parachute			
Caliber, mm	40 x 46			
Overall length, mm/in	max 134 mm / 5.2 in			
Weight of round, kg/lbs.	max 0.257 kg / 0.56 lbs.			
Payload	pyrotechnical illuminating composition			
Color of light	White	Red	Green	Yellow
Primer type	Percussion			
Powder type	Double base			
Cartridge case material	aluminum alloy			
Fuzee type	Pyrotechnical, delay			
Time of delay, s	from 4.1 to 4.9 seconds			
Candle power, cd	not less than 16 000 cd	not less than 90 000 cd	not less than 8 000 cd	not less than 20 000 cd
Charge burning time, s	not less than 25 seconds			
Star flight altitude, m	not less than 185 m			
Muzzle velocity, m/s	76			
Cartridge case material	aluminum alloy			
Operation temperature range, °C/°F	from -43°C to 52°C / -45.4°F to 125.6°F			
CLASS OF EXPLOSION HAZARD:	1.4G; UN 0312			

PACKING	
Number of rounds in one wooden case	84 rounds 28 pcs packed in a metal airtight box 3 pcs. metal box in a wooden case
Wooden case dimensions, mm/in	875 x 398 x 206 mm / 34.4 x 15.6 x 8.1 in
Case weight, kg/lbs.	40 kg / 81.1 lbs.
Case volume, m³	0.072 m³