

40 mm Round **RLV-ILL-WS, RLV-ILL-RS,** **RLV-ILL-GS, RLV-ILL-YS** **Illuminating Grenade**

RLV-ILL-WS = NSN: 1310-50-001-2384

RLV-ILL-RS = NSN: 1310-50-001-4568

RLV-ILL-GS = NSN: 1310-50-001-4569

RLV-ILL-YS = NSN: 1310-50-001-4567

The 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 the Arsenal:

- UBGL / UBGL-1 / GP-25 / GP-30 / GP-34

Underbarrel Grenade launchers would be mounted on ARSENAL Assault Rifles:

AR-M1, AR-M1F, AR-M7F, AR-M9, AR-M9F, etc.;

and on AK-74, AKS-74, AKM, AKMS, AK 101, and AK 103;



40 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, Illuminating			
Caliber, mm	40 mm			
Overall length, mm/in	max 122.5 mm / 4.8 in			
Weight of round, kg/lbs.	max 0.24 kg / 0.52 lbs.	max 0.27 kg / 0.59 lbs.	max 0.24 kg / 0.52 lbs.	max 0.24 kg / 0.52 lbs.
Payload	pyrotechnical illuminating composition			
Muzzle velocity, m/s	76			
Candle power, cd	not less than 90 000 cd	not less than 20 000 cd	not less than 8 000 cd	not less than 16 000 cd
Color of light	White	Red	Green	Yellow
Time of burning of the star, s	not less than 25 seconds			
Fuzee type	Pyrotechnical, delay			
Cartridge case material	aluminum alloy			
Time of delay, s	from 4.1 to 4.9 seconds			
Operation temperature range, °C/°F	from -50°C to 50°C / -58°F to 122°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 m