

105 ILLUM, M314A3



USE

Used for signalling or illuminating a designated area.

WEAPON SYSTEM

105 mm howitzers, M52 and M52A1 (M49 gun); M101 and M101A1 (M2A1 and M2A2 guns); M108 (M103 gun) and M56 Pack Howitzer.

PROJECTILE

Type.....	Illuminating
Length (mm).....	460
Mass (kg).....	14.8
Expelling charge-Black powder (kg).....	0.06
Illuminating canister:	
Average luminosity (cd).....	> 450,000
Average time luminosity (s).....	> 50

ROUND COMPONENTS

Case (type/material).....	M14 / Brass
Primer.....	Percussion
Fuze.....	MTSQ
Propelling charge.....	Single base powder

PRESENTATION OF THE PRODUCT

Units per package.....	2
Packaging dimensions (mm).....	922x307x195
Complete packaging weight (kg).....	55
Pallet dimensions 24 units (mm).....	1210x950x930
Full pallet weight (kg).....	860

BALLISTIC DATA

Approximate maximum range (m).....	11,270
------------------------------------	--------

TEMPERATURE LIMITS

Storage / Transport (°C).....	-54 / +62
Use (°C).....	-40 / +62