

# 155 mm WITH ILL M485A2 AND PROPELLANT CHARGE M3A1

## Artillery ammunition

The round 155 mm is separate loaded, with an illuminating projectile M485A2 and a propellant charge M3A1. It is intended for illuminating the battlefield. The projectile is assembled with an illuminating torch.

An electronic time fuze UTE M10 is screwed on the projectile and it is timed with UTIF device (setter) before firing the projectile.

The propellant charge M3A1 is initiated by a gun primer KT M82P2.

### TECHNICAL DATA :

• Calibre (mm)	155
• Projectile muzzle velocity (m/s)	385 (M109/M126A1) 381.7 (M109A1/M185) 380.1 (M198/M199)
• Mean maximum pressure of powder gases (bar)	≤ 1593 (M109/M126A1) ≤ 1062 (M109A1/M185)
• Maximum range of illumination (m)	9000 (M109/M126A1) 9000 (M109A1/M185) 10300 (M198/M199)
• Projectile length, with fuze (mm)	701
• Projectile mass, tabular (kg)	41.8
• Illuminating composition mass (kg)	2.63
• Light intensity (cd)	1000000
• Torch burning time (s)	≈ 120
• Propellant charge mass (kg)	2.68
• Operating temperature (°C)	-30 to +50



### WEAPON COMPATIBILITY:

155 mm howitzers M109/M126A1, M109A1/M185 and M198/M199

