



01 / PRODUCT OVERVIEW

M09

81/82 mm M09 illuminating mortar bomb



FIG 01 PRODUCT CONFIGURATION

3650 m (81/82 mm mortar M69 B-D, barrel length 1450 mm)

MAXIMUM RANGE

250 m (0)

MINIMUM RANGE

2950 g

MASS WITH FUZE

422 bars

MAX. MEAN OPERATING PRESSURE

01.1 / OVERVIEW

81/82 mm parachute illuminating mortar bomb with 400 g candle giving 500000 Cd for 40 s, ranging 250 m to 3650 m.

TYPE
Illuminating

CALIBRE
81/82 mm

STANDARD
Both

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



TECHNICAL DATA

M09 / AMMUNITION

IDENTITY AND CONSTRUCTION

Length with fuze	410 mm
Mass with fuze	2950 g
Fuze	TP M67, pyrotechnical time fuze
Ignition cartridge	M09, waterproof

BALLISTIC PERFORMANCE

Maximum range	3650 m (81/82 mm mortar M69 B-D, barrel length 1450 mm)
Minimum range	250 m (0)
Max. mean operating pressure	422 bars
Operating temperature range	-30 deg C to +50 deg C

DIMENSIONS, MASS AND SUPPLY

Mass of illuminating candle	400 g
Packaging	1 shell per carton, 5 cartons per wooden box 54 x 48 x 16 cm, 29 kg, 0.042 m3

ADDITIONAL TECHNICAL DATA

Illuminating power	500000 Cd for 40 s
Mean rate of parachute descent with candle	2.5 m/s
Increment charges	Ignition cartridge and four increment charges (0+4)