



01 / PRODUCT OVERVIEW

M87P1

120 mm M87P1 illuminating mortar bomb



FIG 01 PRODUCT CONFIGURATION

6000 m (0+5) (120 mm mortar M75, barrel length 1500 mm)

MAXIMUM RANGE

400 m (0)

MINIMUM RANGE

10700 g

MASS WITH FUZE

620 bars

MAX. MEAN OPERATING PRESSURE

01.1 / OVERVIEW

120 mm parachute illuminating mortar bomb giving 1000000 Cd for 60 s, ranging 400 m to 6000 m on five increment charges.

TYPE

Illuminating

CALIBRE

120 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.



02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

M87P1 / AMMUNITION

IDENTITY AND CONSTRUCTION

Length with fuze	670 mm
Mass with fuze	10700 g
Fuze	TP M87, pyrotechnical time fuze
Ignition cartridge	M74, waterproof

BALLISTIC PERFORMANCE

Maximum range	6000 m (0+5) (120 mm mortar M75, barrel length 1500 mm)
Minimum range	400 m (0)
Max. mean operating pressure	620 bars
Operating temperature range	-30 deg C to +50 deg C

DIMENSIONS, MASS AND SUPPLY

Mass of illuminating candle	1200 g
Packaging	1 shell per carton, 5 cartons per wooden box 78 x 35 x 18 cm, 35 kg, 0.049 m ³

ADDITIONAL TECHNICAL DATA

Illuminating power	1000000 Cd for 60 s
Mean rate of parachute descent with candle	3 m/s
Increment charges	Ignition cartridge and five increment charges (0+5)