01 / PRODUCT OVERVIEW

M01

120 mm M01 illuminating mortar bomb

FIG 01 PRODUCT CONFIGURATION

6600 m (0+5) (120 mm mortar M75, barrel length 1500 mm)	400 m (0)	11500 g	980 bars
MAXIMUM RANGE	MINIMUM RANGE	MASS WITH FUZE	MAX. MEAN OPERATING PRESSURE

01.1 / OVERVIEW

120 mm parachute illuminating mortar bomb with 1200 g candle giving 1000000 Cd for 60 s, ranging 400 m to 6600 m.

TYPE	CALIBRE	STANDARD
Illuminating	120 mm	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.

All data provided for information purposes; final specification is defined per contract.

02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

M01 / AMMUNITION

IDENTITY AND CONSTRUCTION

Length with fuze	752 mm
Mass with fuze	11500 g
Fuze	TP M87P1, pyrotechnical time fuze
Ignition cartridge	M95, waterproof

BALLISTIC PERFORMANCE

Maximum range	6600 m (0+5) (120 mm mortar M75, barrel length 1500 mm)
Minimum range	400 m (0)
Max. mean operating pressure	980 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 86 x 35 x 18 cm, 37 kg, 0.054 m3

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)

All data provided for information purposes; final specification is defined per contract.