

120 mm, M87P1

Illuminating mortar shell

TECHNICAL DATA:

Length of shell with fuze	672 mm
Mass of mortar shell with fuze	10800 g
Fuze	pyrotechnic, time, TP M87
Illuminating power	1.000.000 Cd for 60 s
Mean rate of parachute descent with candle	3 m/s
Shell is completed with ignition cartridge and five increment charges	
Ignition cartridge M74	waterproof
Safe operational temperature range	-30°C to 50°C
High safety during transportation, handling and parachuting	

BALLISTIC DATA:

When using 120 mm Mortar M75, barrel length 1500 mm:	
Maximum range	5900 m
Max mean operating pressure in mortar	618 bars

The mortar shells can be fired from smooth bore mortar launchers.

PACKING:

1 complete shell per carton	
2 cartons per wooden box	
Dimensions of wooden case	807 x 352 x 171 mm
Gross weight	36 kg
Volume of wooden case	0,049 m ³

UN No. 0171

Hazard class 1.2G



FUZE
TP, M87

