

120 mm ILLUMINATING MORTAR SHELL M87P1

TECHNICAL DATA	
Length of shell with fuze	670 mm
Mass of mortar shell with fuze	10,7 kg
Mass of illuminating candle	1.2 kg
Shell is completed with TP M87 pyrotechnical time fuze.	
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 (0+5).	
Ignition cartridge M74	
Reliable function of shell is obtained within 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 (0+5): 6000m - Minimum range (0+1): 400m
Max mean operating pressure in mortar	620 bars

PACKING	
1 complete shell per carton	
2 cartons per wooden box	
Box dimensions	78x35x18 cm
Total mass	35 kg
Total volume	0,049 m ³

120 mm ILLUMINATING MORTAR SHELL M01

TECHNICAL DATA	
Length of shell with fuze	752mm
Mass of mortar shell with fuze	11,5 kg
Mass of illuminating candle	1.2 kg
Shell is completed with TP M87P1 pyrotechnical time fuze.	
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 (0+5).	
Ignition cartridge M74	
Reliable function of shell is obtained within 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 (0+5): 6600m - Minimum range (0+1): 400m
Max mean operating pressure in mortar	980 bars

PACKING	
1 complete shell per carton	
2 cartons per wooden box	
Box dimensions	86x35x18 cm
Total mass	37 kg
Total volume	0,054 m ³