

81/82 mm, M09

Illuminating mortar shell

TECHNICAL DATA:

Length of shell with fuze	410 mm
Mass of mortar shell with fuze	2950 g
Mass of illuminating candle	400 g
Shell is completed with TP M67 pyrotechnical time fuze	
Illuminating power	500.000 Cd for 40 s
Mean rate of parachute descent with candle	2,5 m/s
Shell is completed with ignition cartridge and four increment charges	(0+4)
Ignition cartridge M09	waterproof
Reliable function of shell is obtained within temperature range of	-300°C to 50°C
High safety during transportation, handling and parachuting	



BALLISTIC DATA FOR MORTAR:

When using 81/82 mm Mortar M69 B-D, barrel length	1450 mm:
Maximum range (0+6)	3650 m
Minimum range (0)	250
Max mean operating pressure in mortar	422 bars

PACKING:

1 complete shell per carton	
5 cartons per wooden box	
Box dimensions	54 x 48 x 16 cm
Total mass	29 kg
Total volume	0,042 m ³