

**GENERAL DYNAMICS**

European Land Systems  
Santa Bárbara Sistemas - FMG

Ammunition

**Large caliber**

**155 ILLUM M485A2**



This projectile is used in most of 155 mm howitzers.  
It is used for illuminating of zones during low levels of luminosity or during the night.

### Technical Characteristics

PROJECTILE		PRESENTATION OF THE PRODUCT	
Type:	Illuminating	8 projectiles with ogive plug and protector of band on a pallet.	
Model:	M485	<b>Pallet with 8 projectiles:</b> <ul style="list-style-type: none"> <li>• Weight: 370 kg</li> <li>• Length: 740 mm</li> <li>• Width: 370 mm</li> <li>• Height: 850 mm</li> <li>• Volume: 0.233 m<sup>3</sup></li> </ul>	
Body material:	Steel		
Length:	606 mm (with lifting plug)		
Body color:	White		
Mass:	42.32 ÷ 44.91 kg		
Filler:	2.66 kg - Illum compound		
FLARE		CLASSIFICATION	
Illuminating time:	≥ 120"	ONU No.:	0254
Luminosity intensity:	≥ 1 Mcd	NSN:	1320-33-201-2139
Flare descent speed:	5 m/s	Group:	1.3 G
PRIMER			
Type:	Percussion		
Model:	MK2A4 or M82		

Once the fuze setting time has elapsed, the fuze operates and ignites the expulsion charge. The combustion gases separate the cartridge and the delay is initiated. During the delay time, the fins brake the rotation of the cartridge that is stabilized by the small parachute.

When the delay is completed, the expulsion charge is ignited and the combustion bases separate the fuse with the parachute from the cartridge and the flare is initiated.

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