



Wolf M-60 Mini Safety Torches

Product Code: 08011400

Suitable for use in Zones 0,1& 2 , T4 temperature range.

1×1 watt white LED type source provides illumination up to 10 hours.



Polycarbonate lens, impact-resistant thermoplastic, electrostatic structure.

Operates with 3 pcs LR-1 type batteries.

Weight is appr. 60 grams.

EN 60529:1992 standard IP 67 water and dust protection.

EX II 1 GD Ex ia IIC T4 IP67 ATEX certificate.

Teknik Bilgiler

Product Reference	M-10	M-20	M-40	M-60
Product Description	LED Micro Torch	Xenon Mini Torch	LED Mini Torch	1W LED Mini Torch

Code	Industrial	I M1/II 1GD Ex ia I Ma/IIC T5 Ga	I M2/II 2G Ex ib I Mb/IIC T4 Gb (-40°C ≤Ta≤ +40°C)	I M1/II 1GD Ex ia op is I Ma/IIC T4 Ga (-40°C ≤Ta≤ +50°C)	I M1/II 1GD Ex ia op is I Ma/IIC T4 Ga (-40°C ≤Ta≤ +50°C)
	Gas	(-40°C ≤Ta≤ +50°C)			
	Dust	Ex ia IIIB T95°C Da IP67	N/A	Ex ia op is IIIB T125°C Da IP67	Ex ia op is IIIB T130°C Da IP67
	Mining	I M1 Ex ia I Ma IP67	I M2 Ex ib I Mb IP67	I M1 Ex ia I Ma IP67	I M1 Ex ia op is I Ma IP67
Type of Protection		ia	ib	ia	
Area of Class (Gas)		Zones 0, 1 & 2, Gas Group IIC	Zones 1 & 2, Gas Group IIC	Zones 0, 1 & 2, Gas Group IIC	
Temp. Class (Gas)		T5	T4		
Ambient Temp.		-40°C to + 50°C	-40°C to + 40°C	-40°C to + 50°C	
Area of Class (Dust)		Zone 20, 21 & 22, Dust Group IIIB		Zone 20, 21 & 22, Dust Group IIIB	

Max Surface Temp. (Dust)		95°C		125°C	130°C
Certification		Baseefa06ATEX0084X - IECEx BAS 06.0023X			
Enclosure		Impact Resistant Thermoplastic			
Lens		Polycarbonate			
Beam Type		Medium Spot	Narrow Spot	Medium Spot	
Light Source	Part No.	-	M-201	-	-
	Type	1x5mm LED White (Nichia)	Xenon Filled Filament Bulb	3 x 5mm LED White (Nichia)	1 x High Power Cree LED
	Rating	-	2.3V 0.3A	-	1 Watt
	Output	30 cd	15 lm	3 x 30 cd	Up to 107 lm
	Life	25,000 hrs	30 hrs	25,000 hrs	
Power Source	Part No.	M-102 (4 pack)	M-202 (2 pack)	M-402 (3 pack)	
	Type	LR44 Primary Cells to IEC60086	LR03 Primary Cells to IEC60086	LR1 Primary Cells to IEC60086	
	Volts	4 x 1.5V	2 x 1.5V	3 x 1.5V	
Light Duration		Up to 2 hrs	Up to 2.3 hrs	Up to 10 hrs	1.5-3.5 hrs*
Ingress Protection		IP67 to EN60529:1992			

Weight (incl. cells)	25g	60g
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