

ADALIT® ALFA-WL / ALFA-WL-M1

Developed for the professional operation: Mining, tunneling, industrial plant maintenance, emergency and rescue services as well as canal work

- ◆ Wireless technology: wireless connection of battery and lamp head
- ◆ According to certificate: L.O.M. 10ATEX2026 X
Marking of ADALIT® lamp:
Ex II 2GD Ex ib IIC T4 Ex ibD 21 IP67 T85°C
Ex I M2 Ex ib I
- ◆ Additional marking for application in mining:
I M1 Ex ia I
Lighting conditions bright/dark were detected by a sensor, subsequently light is automatically switched from major to minor light. Therefore no glare effect for facing persons.
- ◆ The ALFA WL is equipped with lithium-ion battery and LED technology (durability 40.000 hours)
- ◆ Light duration: 12 - 18 hours
- ◆ Weight: only 185 grams



- ◆ Software e.g. for personalized identification in tunnels already available. For use in mines is in proceed.
- ◆ Chargers for single helmet lamp 220/240V respectively charging station for 50 to 100 helmet lamps available for wall mounting or as rack



Model		ALFA-WL	ALFA-WL-M1 (for application in mining)
European regulations	ATEX marking	Ex II 2GD Ex ib IIC T4 Ex ibD 21 IP67 T85°C, 1 M2 Ex ib I	Ex II 2GD Ex ib IIC T4 Ex ibD 21 IP67 T85°C, 1 M1 Ex ia I
	Certificate	L.O.M. 10ATEX2026 X	L.O.M. 10ATEX2026 X
Features	Weight	185 grams	185 grams
	Dimensions	100 x 60 x 67 mm	100 x 60 x 67 mm
	Light duration	Normal mode: >12 h; economy mode: >18 h	Normal mode: >12 h; economy mode: >18 h
	Low battery warning	Blinking red LED 15 minutes before shutdown	Blinking red LED 15 minutes before shutdown
Bulbs	Type	High-intensity LED	High-intensity LED
	WN.	Major light: 3 W, minor light: 1 W	Major light: 3 W, minor light: 1 W
Battery	Type	Lithium-ion	Lithium-ion
	VN.	3,7 V	3,7 V
Article No.		B69-7250-A	B69-7251-A

Type	Description	Article No.
MOWL.1	Charger for single helmet lamp, version 220/240 V	B69-7252-A
MOWL.5	Charger for 5 helmet lamps, version 220/240 V	B69-7253-A
MOWL.50	Charger for 50 helmet lamps, version 220/240 V	B69-7254-A
MOWL.100	Charger for 100 helmet lamps, version 220/240 V	B69-7255-A

