



From Europe to the World

ADALIT

PROFESSIONAL SAFETY TORCHES



Adaro Tecnología S.A. is a family Company located in the North of Spain in the mining region of Asturias, which manufactures safety portable lighting equipment such as Safety Torches ADALIT and Cap Lamps for Miners and Civil Works.

Since Adaro's foundation in 1901, the company's activity has always been linked to the development, designing and manufacturing of lighting equipment that could endure the hardest conditions of use within the hazardous environments.

Adaro is an international Company with clients all over the World, therefore, our ultimate challenge is the marketing of state-of-the-art products and presenting specific solutions for highly specialized and demanding clients incorporating the latest technology into its design.

The constant search for the highest quality, the innovation and the excellence in service are the main principles that form the basis of Adaro policies, aiming for maximum client satisfaction as our goal.

**INNOVATING AND DEVELOPING FOR
MORE THAN A CENTURY**





ATEX ZONE 0 GAS | 20 DUST

L-1



Page 10

**L-3000
POWER**



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**L-5R
LOWER**



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**L-5+
L-5R+**



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NO ATEX

L-5000



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ATEX ZONE 0 GAS | M1 | M2

**ALFA
OXI-LIL**



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L-50+



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ATEX ZONE 1 GAS | 21 DUST

L-3000



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**L-3
L-3R**



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ADALIT



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10

L5+ L5R+



Hand or helmet torch with intelligent energy management

Robust, reliable and ultralight, the L5Plus can be mounted on the most common firefighter helmets. Certified ATEX ZONE 0, to be used in the most dangerous areas and confined spaces, the torch combines a photoluminescent bezel with a light sensor enabling the user to save battery and improve the torch burning time.



ATEX: II 1 G Ex ia IIC T4 Ga
II 1 D Ex ia IIIC T85° C Da
GAS ZONE 0 | 1 | 2
DUST ZONE 20 | 21 | 22

Ingress protection: IP67

Weight: **Rechargeable model:** 125 gr.
(battery included)
Alkaline model: 145 gr.
(AAA batteries included)

Measures: 150 x 38 x 44 mm.

Burning time: Rechargeable model 4 h
Alkaline model up to 30 h

Torch body material: Thermoplastic resin with high resistance to the impacts, extreme temperatures and corrosive substances

Lighting source: 135 lumens

On/Off switch: Push button switch of soft touch material, placed on the side to guarantee easy finding and pushing with gloves




2 MODELS AVAILABLE

• L5+

 | 4 AAA alkalines (included)

• L5R+

 | Rechargeable battery Lithium Li-ion / 3,7 V (included)

3 CHARGERS AVAILABLE OF 1, 3 AND 5 POSITIONS
(Only for L-5R Plus)

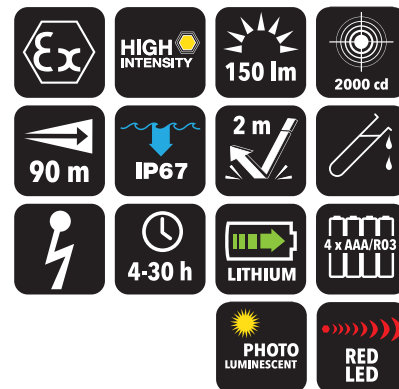


L5P^{OWER}

L5RP^{OWER}

Hand or helmet torch with an integrated red LED beacon

Robust, reliable and ultralight, the L5Power can be mounted on the most common firefighter helmets. Certified ATEX ZONE 0, to be used in the most dangerous areas and confined spaces, the torch combines a photoluminescent bezel with a visible red LED on the tail, to ease the user localization in the darkest environment.



Bracket included

ATEX: II 1 G Ex ia IIC T4 Ga
II 1 D Ex ia IIIC T85° C Da
GAS ZONE 0 | 1 | 2
DUST ZONE 20 | 21 | 22

Ingress protection: IP67

Weight: Rechargeable model: 125 gr.
(battery included)
Alkaline model: 145 gr.
(AAA batteries included)

Measures: 150 x 38 x 44 mm.

Burning time: Rechargeable model 4 h
Alkaline model up to 30 hours

Torch body material: Thermoplastic resin
with high resistance to the impacts, extreme
temperatures and corrosive substances


Lighting source: 150 lumens

On/Off switch: Push button switch of soft touch
material, placed on the side to guarantee easy
finding and pushing with gloves


RED
LED

2 MODELS AVAILABLE

• L5P^{OWER}

 4 AAA alkalines
(included)

• L5RP^{OWER}

 Rechargeable battery
Lithium Li-ion / 3,7 V (included)

3 CHARGERS AVAILABLE OF 1, 3 AND 5 POSITIONS (Only for L-5R Power)

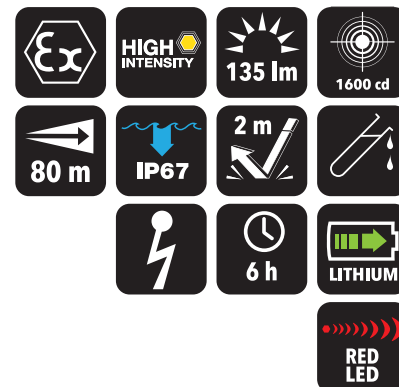


L-10

Helmet torch with an integrated red LED beacon

The first rechargeable torch specifically designed for firefighting helmets, ADALIT L-10 is a powerful hands free lighting tool, and also a beacon to highlight the firefighter position.

Ultra light and with a design fully integrated in the intervention helmet, the torch ADALIT L-10 combines LED technology with the last generation li-ion battery to offer unique features and increase the firefighter safety and comfort.



ATEX: II 1G Ex ia IIC T4 Ga
II 1D Ex ia IIIC T85° C Da
GAS ZONE 0 | 1 | 2
DUST ZONE 20 | 21 | 22

Ingress protection: IP67

Weight: 180 g

Measures: 156 x 56 x 48 mm.

Burning time: Normal mode > 3 h
Saving mode > 6 h

Torch body material: Thermoplastic resin with high resistance to the impacts, extreme temperatures and corrosive substances

Lighting source: 135 lumens

On/Off switch: Push button switch of soft touch material, placed on the side to guarantee easy finding and pushing with gloves

- White high intensity LED for lighting
- Red high intensity LED flashes to highlight the user position (180° rotation)
- Rechargeable ultra light li-ion battery
- Indication of the light duration and the battery level
- Low battery warning
- Chargers for 1, 2, 3, 4, 5 or 40 torches



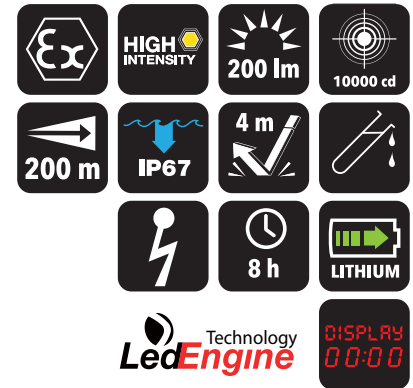
L-3000

Professional safety torch with swivelling head

Adalit L.3000 torch is a high performance professional safety torch that combines high intensity LEDs, a revolutionary optic, a large digital display and an elegant design.



- 2 LEDs of 135 lumens each in a double optic with different light beams (spot and flood)
- LedEngine technology with step light system
- Booster function to illuminate long distances with greater penetrating light beam
- Two button switches of soft touch material, ergonomic and oversized in order to guarantee easy pushing
- 3 different burning intensities in order to select in every moment the remaining burning time
- Battery level indication in hours and minutes by means of a digital display
- Swivelling head with 3 positions 0° | 45° | 90°
- Easy maintenance
- Stroboscopic function
- Red or yellow cone for signalling available
- Straight or right angle
- Chargers for 1, 2, 3 or 5 torches



Technology
LedEngine
DISPLAY
00:00

ATEX: II 1G Ex ia IIC T4 Ga
II 1D Ex ia IIIC T85° C Da
GAS ZONE 0 | 1 | 2
DUST ZONE 20 | 21 | 22

Ingress protection: IP67

Weight: 500 gr. (battery included)

Measures: Straight: 22,5 cm x 7 cm. Ø
Right angle: 18,5 cm x 7 cm. Ø

Burning time: 4, 6 or 8 h.

Torch body material: Thermoplastic resin with high resistance to the impacts, extreme temperatures and corrosive substances

Lighting source: 2 high intensity LEDs with 135 lm. each

Battery: Li-ion | Voltage: 3,7 V.

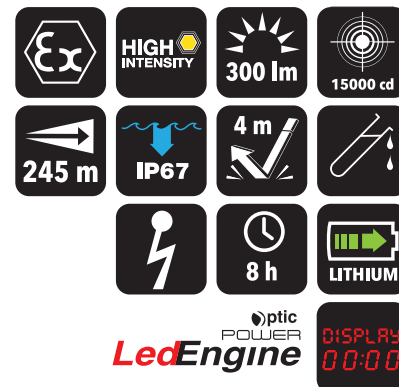
Low Battery Warning: Blinking signal of the main LED 15 min. before running out of battery



L-3000 POWER

Professional safety torch with swivelling head

Adalit L.3000 POWER torch is a high performance professional safety torch with a large digital display, swivelling head and an elegant design. Its revolutionary optic combines a powerful and bright spot light with our unique flood and step light system.



- 3 LEDs of 135 lumens each with different light beams
- LedEngine technology with step light system
- Two button switches of soft touch material, ergonomic and oversized in order to guarantee easy pushing
- 3 different burning intensities in order to select in every moment the remaining burning time
- Battery level indication in hours and minutes by means of a digital display
- Swivelling head with 3 positions 0° | 45° | 90°
- Easy maintenance
- Stroboscopic function
- Red or yellow cone for signalling available
- Straight or right angle
- Chargers for 1, 2, 3 or 5 torches

ATEX: II 1G Ex ia IIC T4 Ga
II 1D Ex ia IIIC T85°C Da
GAS ZONE 0 | 1 | 2
DUST ZONE 20 | 21 | 22

Ingress protection: IP67

Weight: 500 gr. (battery included)

Measures: Straight: 22,5 cm x 7 cm. Ø
Right angle: 18,5 cm x 7 cm. Ø

Burning time: 4, 6 or 8 h.

Torch body material: Thermoplastic resin with high resistance to the impacts, extreme temperatures and corrosive substances

Lighting source: 3 high intensity LEDs with 135 lm. each

Battery: Li-ion | Voltage: 3,7 V.

Low Battery Warning: Blinking signal of the main LED 15 min. before running out of battery





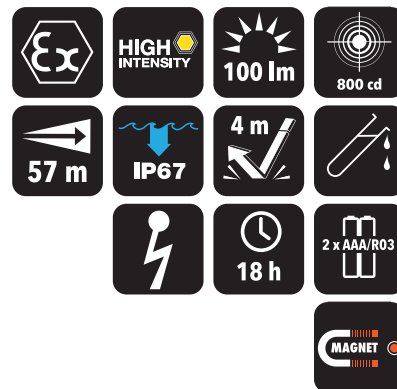
Professional safety torch for hand or helmet

Adalit L1 is a professional torch, suitable for potentially explosive atmospheres (hazardous areas). Light, polyvalent, robust and easy to carry. To be taken in a pocket and/or attached to a helmet (universal adapter included). A built-in neodymium magnet enables to attach the torch to any metallic surfaces.



▶ UNIVERSAL HELMET ADAPTER

The Adalit L1 includes an adhesive metallic adapter compatible with any helmet.



ATEX: II 1G Ex ia IIC T4 Ga
II 1D Ex ia IIIC T85°C Da
GAS ZONE 0 | 1 | 2
DUST ZONE 20 | 21 | 22

Ingress protection: IP67

Weight: 60 gr. (with batteries)

Measures: 14,5 x 2,5 cm. Ø

Burning time: > 18 h.

Torch body material: Thermoplastic resin with high resistance to the impacts, extreme temperatures and corrosive substances

Lighting source: 1 high intensity LED with 100 lm.

Battery: 2 LR03 AAA batteries



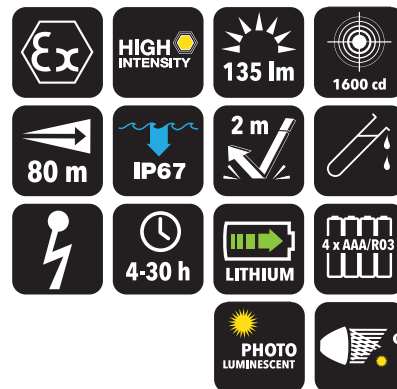


ADALIT 17

IL-3 IL-3R

Safety torch with intelligent energy management

Robust, reliable and ultralight. Certified ATEX ZONE 1 to be used in the most dangerous areas and confined spaces, the torch combines a photoluminescent bezel with a light sensor enabling the user to save battery and improve the torch burning time.



ATEX: II 2 G Ex ia IIC T4 Gb
II 2 D Ex ia IIC T85° C Db
GAS ZONE 1 | 2
DUST ZONE 21 | 22

Ingress protection: IP67

Weight: **Rechargeable model:** 125 gr.
(battery included)
Alkaline model: 145 gr.
(AAA batteries included)

Measures: 150 x 38 x 44 mm.

Burning time: Rechargeable model 4 h
Alkaline model up to 30 h

Torch body material: Thermoplastic resin
with high resistance to the impacts, extreme
temperatures and corrosive substances

Lighting source: 135 lumens

On/Off switch: Push button switch of soft touch
material, placed on the side to guarantee easy
finding and pushing with gloves

2 MODELS AVAILABLE

• IL-3

 | 4 AAA alkalines
(included)

• IL-3R

 | Rechargeable battery
Lithium Li-ion / 3,7 V (included)

**3 CHARGERS AVAILABLE
OF 1, 3 AND 5 POSITIONS**
(Only for IL-3R)



AUTO ON SECURITY

▶ The Adalit IL-3R torch integrates an automatic power device that helps localizing it when charging.

When a power failure to the charger occurs or the torch is taken from the charger, the torch switches on automatically remaining in this state up to 4 hours.



IL-300

Professional safety torch with swivelling head

Adalit IL-300 torch is a high performance professional safety torch that combines high intensity LEDs, a revolutionary optic, a large digital display and an elegant design.



- 2 LEDs of 135 lumens each in a double optic with different light beams (spot and flood)
- LedEngine technology with step light system
- Booster function to illuminate long distances with greater penetrating light beam.
- Two button switches of soft touch material, ergonomic and oversized in order to guarantee easy pushing
- 2 different burning intensities in order to select in every moment the remaining burning time
- Battery level indication in hours and minutes by means of a digital display
- Swivelling head with 3 positions 0° | 45° | 90°
- Neodymium magnet with high pull strength (optional)
- Easy maintenance
- Straight or right angle
- Chargers for 1, 2, 3 or 5 torches



**AUTO ON
SECURITY** ▶

The Adalit IL-300 torch integrates an automatic power device that helps localizing it when charging.

When a power failure to the charger occurs or the torch is taken from the charger, the torch switches on automatically remaining in this state up to 4 hours.



LedEngine Technology
DISPLAY 00:00

ATEX: II 2G Ex ia IIB T4 Gb
II 2D Ex ia IIIC T85° C Db
GAS ZONE 1 | 2
DUST ZONE 21 | 22

Ingress protection: IP67

Weight: 500 gr. (battery included)

Measures: Straight: 22,5 cm x 7 cm. Ø
Right angle: 18,5 cm x 7 cm. Ø

Burning time: 4 or 8 h.

Torch body material: Thermoplastic resin with high resistance to the impacts, extreme temperatures and corrosive substances

Lighting source: 2 high intensity LEDs with 135 lm. each

Battery: Li-ion | Voltage: 3,7 V.

Low Battery Warning: Blinking signal of the main LED 15 min. before running out of battery



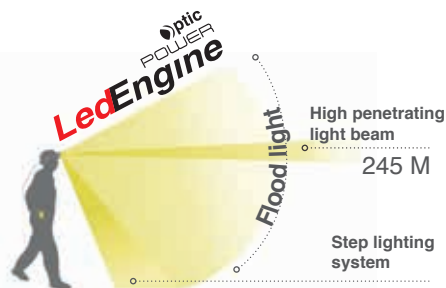
L-50+

Safety cap lamp

Professional safety cap lamp suitable for use in mining and tunnelling. It has 3 high intensity LEDs and a digital display to know the battery life in hours and minutes.



- 3 LEDs of 135 lumens each with different light beams
- LedEngine technology with step light system
- 2 different burning intensities in order to select in every moment the remaining burning time
- Battery level indication in hours and minutes by means of a digital display
- Suitable for wireless communication systems (SICS - by ADARO Tecnología)
- Chargers for 1, 5, 10, 40 or 80 cap lamps
- Belt fastening clip
- Easy maintenance



ATEX: II 1G Ex ia IIC T4 Ga
II 1D Ex ia IIC T135°C Da
I M1 Ex ia I Ma

Ingress protection: IP67

Weight: Headpiece 150 g.
Feeding source 450 g.

Measures: Headpiece 6,9 x Ø 7,1 cm.
Feeding source 10,8 x 4,1 x 4,2 cm.

Burning time: 12 h.

Emergency light: 48 h.

Torch body material: Thermoplastic resin with high resistance to the impacts, extreme temperatures and corrosive substances

Lighting source: 3 high intensity LEDs with 135 lm. each

Battery: Li-ion | Voltage: 3,7 V.



ALFA αLLIL

Safety rechargeable cap lamp

Designed for professional use: mining, tunnelling and civil works, industrial sites maintenance services, emergency and rescue services and caving. This wireless lamp is compact and light.



ATEX: II 2G Ex ib IIC T4 Gb
II 2D Ex ib IIIC T85° C Db
I M2 Ex ib I Mb
I M1 Ex ia I Ma (also available)

Ingress protection: IP67

Weight: 185 g.

Measures: 10 x 6 x 6,7 cm.

Burning time: 12 h.

Battery Saving Mode: 18 h.

Low Battery Warning: Flashes at the end of the discharge: 15 minutes before disconnection.

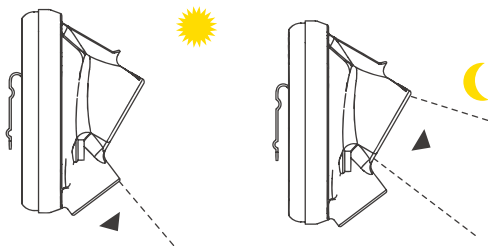
Lighting source: High Intensity LED – Main light: 3W – Auxiliary light: 1W

Battery: Li-ion

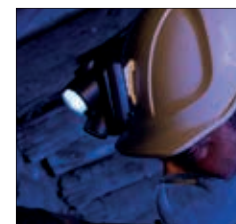
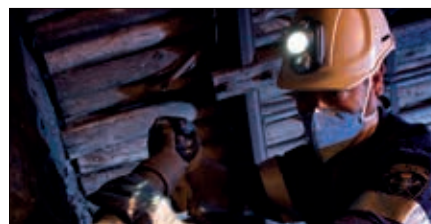
Chargers: 1, 5, 50 or 100 lamps



Automatic switch of the light beam



The intensity and the direction of the light beam are managed automatically by means of an environment light sensor: it avoids optical harm among the users and saves battery duration



L-5000

Professional rechargeable handlamp

Lightest, smartest and brightest handlamp in the market. With its swivelling head, the digital display and a complex optic is suitable to work in the hardest conditions.



Ingress protection: IP66

Weight: 1,1 Kg

Measures: 26 x 11 x 11 cm

LEDEngine optic: 7 LEDs (1 x 3W high power-spot beam / 2 x flood light / 2 x Strobe function-blue light / 2 x tail beacon-red light)

Burning time:

MAIN LIGHT: 3 different light settings 3/6/12 h.

AUXILIARY LIGHT: 3 different light settings 6/12/24 h.

Torch body material: Thermoplastic resin with high resistance to the impacts, extreme temperatures and corrosive substances

Swivelling head: -30° / 0° / 30° / 60° / 90°

Lighting source: 110.000 candela

Switches: Two button switches of soft touch material ergonomic and oversized to guarantee easy pushing
Main: On/Off and light setting. Tail light On
Auxiliary: Flood light mode or Strobe function

Battery: Battery: Li-ion | Voltage: 3,7 V. | 8800 mAh

Accessories: Shoulder strap - included

Charger: C 12 V. / 24 V. | AC: 100/240 V. 50/60 Hz

SWIVELLING HEAD



INFORMATION

ATEX



1 | ATEX MARKING FOR EXPLOSIVE ATMOSPHERES

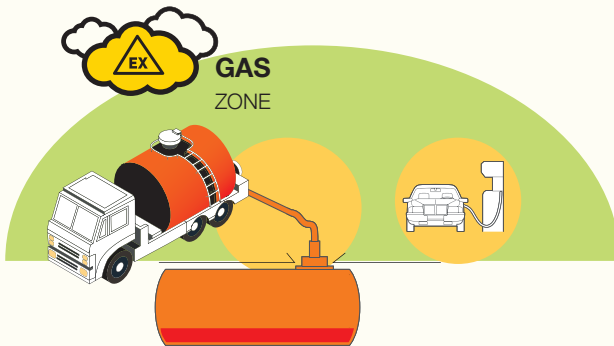
CE 0163		I	M1	II	1	GD
CE MARKING 0163: NOTIFY BODY	SPECIFIC MARKING FOR POTENTIALLY EXPLOSIVE ATMOSPHERES	GROUP (UNDERGROUND)	CATEGORY (UNDERGROUND)	GROUP (SURFACE)	CATEGORY (SURFACE)	ENVIRONMENT GAS "G" DUST "D"

2 | ATEX MARKING FOR EXPLOSIVE GAS

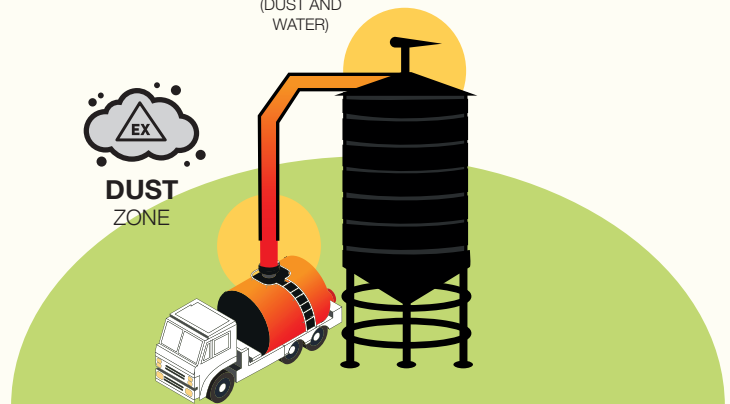
Ex	ia	I	Ma	IIC	T4	Ga	GENERAL UNDERGROUND SURFACE
APPROVED FOR USE IN EXPLOSIVE ATMOSPHERES	PROTECTION MODE	GAS GROUP	PROTECTION LEVEL	GAS GROUP	TEMPERATURE CLASSIFICATION	PROTECTION LEVEL	

3 | ATEX MARKING FOR EXPLOSIVE DUST

Ex	ia	IIIC	T135°C	Da	IP67
ATEX MARKING FOR EXPLOSIVE DUST	PROTECTION MODE	DUST GROUP	TEMPERATURE CLASSIFICATION	PROTECTION LEVEL	INGRESS PROTECTION (DUST AND WATER)













- FLAMMABLE LIQUID
- ZONE 0 ● ZONE 1 ● ZONE 2



- FLAMMABLE DUST
- ZONE 20 ● ZONE 21 ● ZONE 22

● GENERAL FEATURES

								
ADALIT L-5 PLUS	Zone GAS 0 1 2 Zone DUST 20 21 22	135 lm	1.600 cd	80 m	2 m	15 x 3,8 x 4,4 cm.	145 g	
ADALIT L-5R PLUS	Zone GAS 0 1 2 Zone DUST 20 21 22	135 lm	1.600 cd	80 m	2 m	15 x 3,8 x 4,4 cm.	125 g	
ADALIT L-5 POWER	Zone GAS 0 1 2 Zone DUST 20 21 22	150 lm	2.000 cd	90 m	2 m	15 x 3,8 x 4,4 cm.	145 g	
ADALIT L-5R POWER	Zone GAS 0 1 2 Zone DUST 20 21 22	150 lm	2.000 cd	90 m	2 m	15 x 3,8 x 4,4 cm.	125 g	
ADALIT L-10	Zone GAS 0 1 2 Zone DUST 20 21 22	135 lm	1.600 cd	80 m	2 m	15,6 x 5,6 x 4,8 cm.	180 g	
ADALIT L-3000	Zone GAS 0 1 2 Zone DUST 20 21 22	200 lm	10.000 cd	200 m	4 m	Straight: 22,5 cm x 7 cm. Ø Right angle: 18,5 cm x 7 cm. Ø	500 g	
ADALIT L-3000 POWER	Zone GAS 0 1 2 Zone DUST 20 21 22	300 lm	15.000 cd	245 m	4 m	Straight: 22,5 cm x 7 cm. Ø Right angle: 18,5 cm x 7 cm. Ø	500 g	
ADALIT L-1	Zone GAS 0 1 2 Zone DUST 20 21 22	100 lm	800 cd	57 m	4 m	14,5 x 2,5 cm. Ø	60 g	
ADALIT IL-3	Zone GAS 1 2 Zone DUST 21 22	135 lm	1.600 cd	80 m	2 m	15 x 3,8 x 4,4 cm.	145 g	
ADALIT IL-3R	Zone GAS 1 2 Zone DUST 21 22	135 lm	1.600 cd	80 m	2 m	15 x 3,8 x 4,4 cm.	125 g	
ADALIT IL-300	Zone GAS 1 2 Zone DUST 21 22	200 lm	10.000 cd	200 m	4 m	Straight: 22,5 cm x 7 cm. Ø Right angle: 18,5 cm x 7 cm. Ø	500 g	
ADALIT L-50 PLUS	Zone GAS 0 1 2 Zone DUST 20 21 22 M1 M2	300 lm	15.000 cd	245 m	2 m	Head: 6,9 x Ø7,1 cm. Body: 10,8 x 4,1 x 4,2 cm.	Head: 150 g Body: 450 g	
ALFA WL	Zone GAS 1 2 Zone DUST 21 22 M1 M2	135 lm	1.600 cd	80 m	2 m	10 x 6 x 6,7 cm.	185 g	
ADALIT L-5000		600 lm	110.000 cd	665 m	2 m	26 x 11 x 11 cm.	1100 g	

										
	IP67		Alkaline AAA/R03			✓		✓		
	IP67	Rechargeable Li-ion	Alkaline AAA/R03 ^(*)			✓		✓		
	IP67		Alkaline AAA/R03	✓		✓		✓		
	IP67	Rechargeable Li-ion	Alkaline AAA/R03 ^(*)	✓		✓		✓		
	IP67	Rechargeable Li-ion		✓				✓		
	IP67	Rechargeable Li-ion			✓		✓ ^(*)	✓		
	IP67	Rechargeable Li-ion			✓		✓ ^(*)	✓		
	IP67		Alkaline AAA/R03				✓	✓		
	IP67		Alkaline AAA/R03			✓		✓		
	IP67	Rechargeable Li-ion	Alkaline AAA/R03 ^(*)			✓		✓		
	IP67	Rechargeable Li-ion			✓		✓ ^(*)	✓		
	IP67	Rechargeable Li-ion			✓			✓	✓	✓
	IP67	Rechargeable Li-ion						✓	✓	✓
	IP66	Rechargeable Li-ion		✓	✓			✓		

(*) optional

CE

intelligent light
ADALIT

www.adalit.com

BR/3700032/ISS1

We reserve the right to change or amend any design or specification in line with our policy of continuing development and improvement.

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