



ADALIT

— Smart Lighting Solutions —



From Europe to the World

PROFESSIONAL SAFETY TORCHES



Adaro Tecnología S.A. is a Spanish company with international presence.

We strive to meet the best quality standards to offer innovative and technologically advanced products.

We are passionate about technology and we dedicate in offering more than just a product.

We are active, positive and have initiative. We listen to our clients, highly specialized, to provide specific solutions adapted to their needs.

Our principal aim is not to lose of sight the values of a young company with more than a 100 years of experience.

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





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FIREFIGHTING



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

Ingress protection: IP67

Weight: **Rechargeable model:** 125 g
(battery included)

Alkaline model: 145 g
(AAA batteries included)

Measures (LxWxH): 150 x 38 x 44 mm

Burning time: Rechargeable model up to 8 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 button: Made of soft touch material, it's
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)



ACCESSORIES:

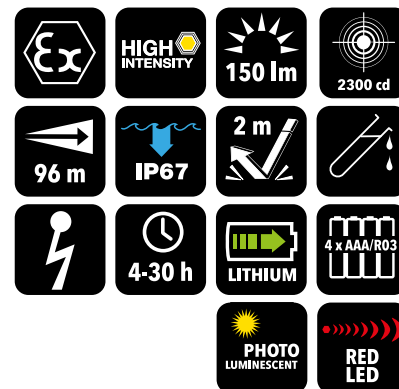
Holster and torch helmet adapters





Hand or helmet torch with an integrated red LED beacon

Robust, reliable and ultralight, the L5Power is a powerful torch and incorporates a flashing red LED in the tail instead of the light sensor, to ease the user localization in the darkest environments. It can also be mounted on the most common firefighter helmets. Certified ATEX ZONE 0/20 to be used in the most dangerous areas and confined spaces.



Bracket included

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

Ingress protection: IP67

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

Measures (LxWxH): 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: 150 lumens

On/Off button: Made of soft touch material,
it's placed on the side to guarantee easy
finding and pushing with gloves

2 MODELS AVAILABLE

• **L5R POWER**
4 AAA alkalines
(included)

• **L5RP POWER**
Rechargeable battery
Lithium | Li-ion / 3,7 V (included)

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



ACCESSORIES:
Holster and torch helmet adapters

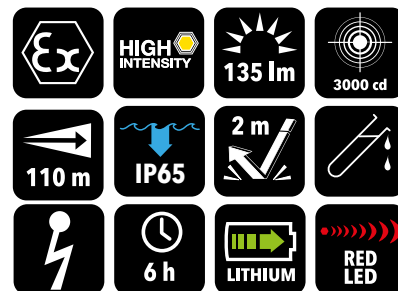


**RED
LED**

L-10

The Pioneer

The first rechargeable torch specifically designed for firefighting helmets, ADALIT L-10 is a powerful hands free lighting tool. It incorporates a powerful flashing red LED beacon on the side to highlight the firefighter position.



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

Ingress protection: IP65

Weight: 180 g

Measures (LxWxH): 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 button: Made of soft touch material, it's 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 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

UPDATED

Even better than before! The evolution of our best seller

The renovated Adalit L-3000 torch is a high performance professional safety torch that combines high intensity LEDs, a revolutionary optic, a large digital display and a swivelling head.



LedEngine Technology



- 2 LEDs of 150 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 eligible burning times with different intensities
- 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 op is IIC T4 Ga
II 1D Ex ia op is IIIC T85°C Da
GAS ZONE 0 | 1 | 2
DUST ZONE 20 | 21 | 22

Ingress protection: IP67

Weight: 500 g (battery included)

Measures (LxWxH):

Straight: Ø 70 x 225 mm
Right angle: Ø 70 x 100 x 185 mm

Burning time: 5, 7.5 or 10 h

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

Lighting source: 2 high intensity LEDs with 150 lm each

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

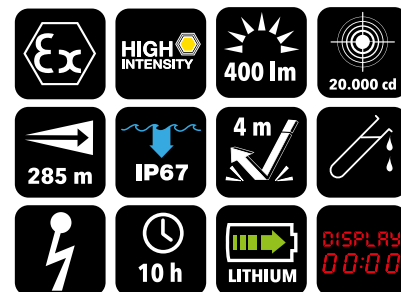
Low Battery Warning: Blinking signal of the main LED 15 min. before running out of battery

OPTIONAL
MAGNET



L-3000 POWER

UPDATED



ptic
POWER
LedEngine

When we say Power, we mean it. A true powerful light source!
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 150 lumens each with different light beams
- Power LedEngine technology with step light system
- Two button switches of soft touch material, ergonomic and oversized in order to guarantee easy pushing
- 3 eligible burning times with different intensities
- 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 op is IIC T4 Ga
II 1D Ex ia op is IIIC T85°C Da
GAS ZONE 0 | 1 | 2
DUST ZONE 20 | 21 | 22

Ingress protection: IP67

Weight: 500 g (battery included)

Measures (LxWxH):

Straight: Ø 70 x 225 mm

Right angle: Ø 70 x 100 x 185 mm

Burning time: 5, 7.5 or 10 h

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

Lighting source: 3 high intensity LEDs with 150 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

OPTIONAL



INDUSTRY





A small yet powerful safety torch

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 op is IIC T4 Ga
II 1D Ex ia op is IIIC T135°C Da
GAS ZONE 0 | 1 | 2
DUST ZONE 20 | 21 | 22

Ingress protection: IP67

Weight: 60 g (with batteries)

Measures (LxD): 145 x Ø 25 mm

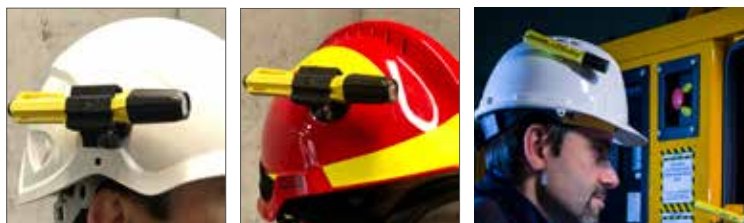
Burning time: > up to 18 h

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

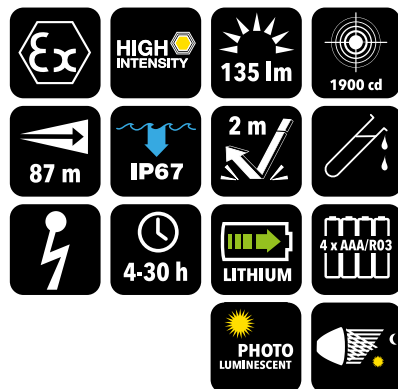
ACCESSORIES:
Torch helmet adapters



IL-3 IL-3R

Safety torch with intelligent energy management

Robust, reliable and ultralight. Certified ATEX ZONE 1/21 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 2G Ex ia op is IIC T4 Gb
II 2D Ex ia op is IIIC T85°C Db
GAS ZONE 1 | 2
DUST ZONE 21 | 22

Ingress protection: IP67

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

Measures (LxWxH): 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 button: Made of soft touch material, it's
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)



ACCESSORIES:

Holster and torch helmet adapters



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 is a high performance professional safety torch that combines high intensity LEDs, a revolutionary optic, a large digital display and a swivelling head.



LedEngine Technology

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

Ingress protection: IP67

Weight: 500 g (battery included)

Measures (LxWxH):

Straight: Ø 70 x 225 mm
Right angle: Ø 70 x 100 x 185 mm

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



- 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 eligible burning times with different intensities
- 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 features the emergency lighting system 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.

**OPTIONAL
MAGNET**

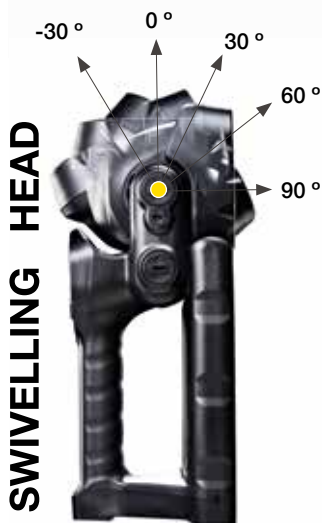


L 5000 EX1



High intensity rechargeable handlamp

Certified for explosive atmospheres, light, handy and powerful.
Swivelling head, digital display and state-of-the-art optic. It adapts to the most demanding and adverse working conditions.



SWIVELLING HEAD



► L 5000 F EX1

Flood light version also available



ATEX: II 2G Ex ib op is IIC T4 Gb
GAS ZONE 1 | 2

Ingress protection: IP66

Weight: 1,1 Kg

Measures (LxWxH): 260 x 110 x 110 mm

Optic: 7 LEDs (1 x 3W high power-spot / 2 x emergency light /
2 x signalling function-blue or amber light / 2 x tail beacon-red light)

Burning time:

MAIN LIGHT: 3 different light settings 6/12/24 h

AUXILIARY LIGHT: 3 different light settings 12/24/48 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: 70.000 cd / 500 lm

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: Emergency light mode or Signalling function

Battery: Li-ion | Voltage: 3,7 V | 10.000 mAh

Accessories: Shoulder strap (included) - Magnet (optional)

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





MINING

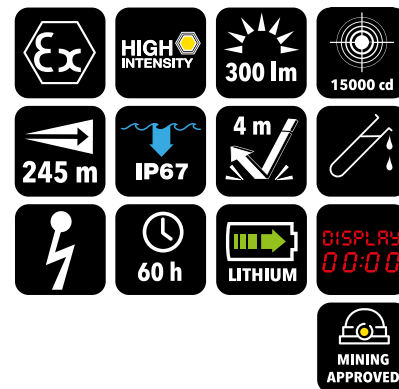
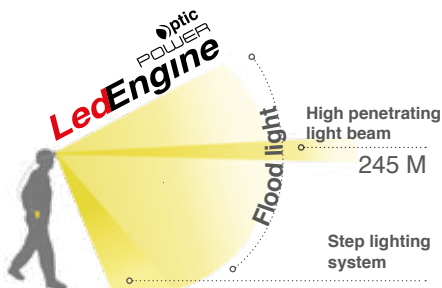
L50+

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 burning time in hours and minutes.



- 3 LEDs of 150 lumens each with different light beams
- Power LedEngine technology with step light system
- 2 eligible burning times with different intensities
- 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 op is IIC T4 Ga
II 1D Ex ia op is IIIC T135°C Da
I M1 Ex ia op is I Ma

Ingress protection: IP67

Weight: Head 150 g
Body 450 g

Measures: Head 69 x Ø 71 mm (LxD)
Body 108 x 41 x 42 mm (LxWxH)

Burning time: up to 20 h

Emergency light: up to 60 h

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

Lighting source: 3 high intensity LEDs with 150 lm each

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



ALFA αLLIL

The intelligent 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.

SICS
✓ COMPATIBLE



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

Ingress protection: IP67

Weight: 185 g

Measures (LxWxH): 100 x 60 x 67 mm

Burning time: 12 h

Battery Saving Mode: 18 h

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

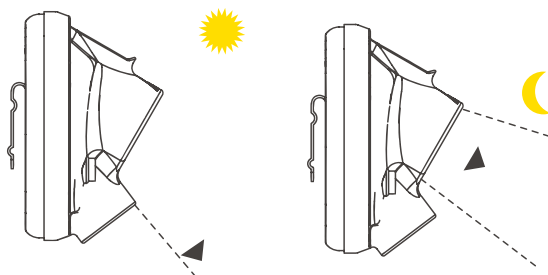
Lighting source: High Intensity LEDs
Main light: 3W – Auxiliary light: 1W

Battery: Li-ion

Chargers: 1, 5, 50 or 100 lamps



Automatic switch
of the light beam



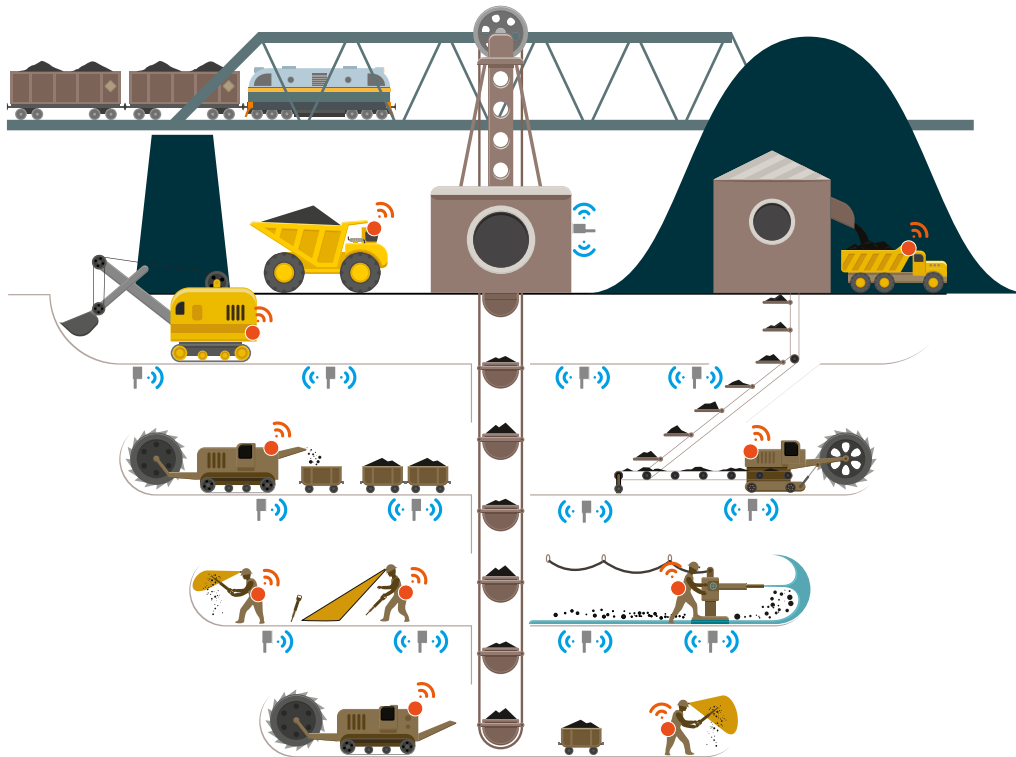
The intensity and the direction of the light beam are managed automatically by means of an environment light sensor: it avoids optical harm among the users and saves battery duration.





Communication and tracking system

The SICS by Adaro is a communication and tracking system designed for underground mines and tunneling industry. To maximize the functionality, beyond the single location awareness it delivers cost and safety benefits as per main features below. Simple to install and easy to operate - using rugged and dependable units - the SICS gives an objective overview of personnel and equipment.



KEY FEATURES

- Personnel identification
- User tracking in real time
- Two way communication-Surface ◀▶ Underground
- Emergency alarm & Unconsciousness alert
- Enhance emergency response in real time
- Historic reports
- Increase operational efficiency
- Cap Lamp maintenance



POLICE

L 5000



Professional rechargeable search light

Designed for long range lighting. Lightest, smartest and brightest handlamp in the market. With its swivelling head, the digital display and a new optic is suitable to work in the hardest conditions.



Ingress protection: IP66

Weight: 1,1 Kg

Measures (LxWxH): 260 x 110 x 110 mm

Optic: 7 LEDs (1 x 3W high power-spot / 2 x emergency light / 2 x signalling function-blue or amber 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: 160.000 cd / 800 lm

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: Emergency light mode or Signalling function

Battery: Li-ion | Voltage: 3,7 V | 10.000 mAh

Accessories: Shoulder strap (included) - Magnet (optional)

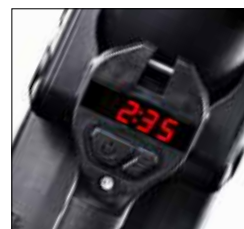
Charger: DC: 12 V / 24 V | AC: 100/240 V 50/60 Hz

SWIVELLING HEAD



► L 5000 F

Flood light version also available



INFORMATION

ATEX

1 | ATEX MARKING FOR EXPLOSIVE ATMOSPHERES

CE
0163
CE MARKING
0163: NOTIFY BODY

Ex
SPECIFIC MARKING FOR
POTENTIALLY EXPLOSIVE
ATMOSPHERES

I
GROUP
(UNDERGROUND)

M1
CATEGORY
(UNDERGROUND)

II
GROUP
(SURFACE)

1
CATEGORY
(SURFACE)

GD
ENVIRONMENT
GAS "G"
DUST "D"

2 | ATEX MARKING FOR EXPLOSIVE GAS

Ex
APPROVED FOR
USE IN EXPLOSIVE
ATMOSPHERES

ia
PROTECTION
MODE

I
GAS
GROUP

Ma
PROTECTION
LEVEL

IIC
GAS
GROUP

T4
TEMPERATURE
CLASSIFICATION

Ga
PROTECTION
LEVEL

 GENERAL

 UNDERGROUND

 SURFACE

3 | ATEX MARKING FOR EXPLOSIVE DUST

Ex
ATEX MARKING
FOR EXPLOSIVE
DUST

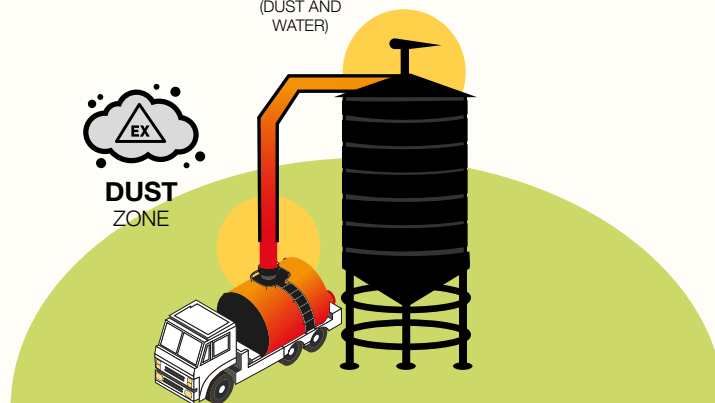
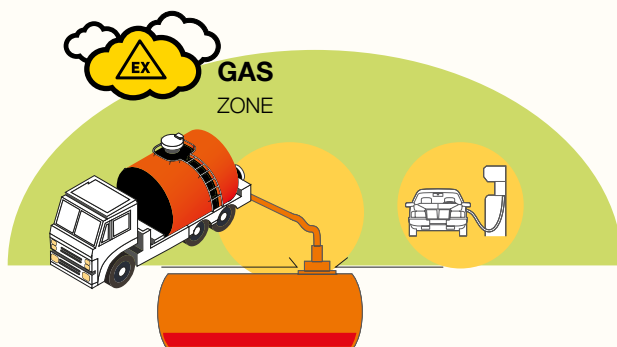
ia
PROTECTION
MODE

IIC
DUST
GROUP

T135°C
TEMPERATURE
CLASSIFICATION








Da
PROTECTION
LEVEL

IP67
INGRESS
PROTECTION
(DUST AND
WATER)













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

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

							 (LxWxH)		
ADALIT L-5 PLUS	GAS Zone 0 1 2 DUST Zone 20 21 22	135 lm	1.900 cd	87 m	2 m	30 h ^(*)	150 x 38 x 44 mm	145 g	
ADALIT L-SR PLUS	GAS Zone 0 1 2 DUST Zone 20 21 22	135 lm	1.900 cd	87 m	2 m	30 h ^(*)	150 x 38 x 44 mm	125 g	
ADALIT L-5 POWER	GAS Zone 0 1 2 DUST Zone 20 21 22	150 lm	2.300 cd	96 m	2 m	30 h ^(*)	150 x 38 x 44 mm	145 g	
ADALIT L-SR POWER	GAS Zone 0 1 2 DUST Zone 20 21 22	150 lm	2.300 cd	96 m	2 m	30 h ^(*)	150 x 38 x 44 mm	125 g	
ADALIT L-10	GAS Zone 0 1 2 DUST Zone 20 21 22	135 lm	3.000 cd	110 m	2 m	6 h ^(*)	156 x 56 x 48 mm	180 g	
ADALIT L-3000	GAS Zone 0 1 2 DUST Zone 20 21 22	300 lm	15.000 cd	245 m	4 m	10 h ^(*)	Straight: Ø 70 x 225 mm Right angle: Ø 70 x 100 x 185 mm	500 g	
ADALIT L-3000 POWER	GAS Zone 0 1 2 DUST Zone 20 21 22	400 lm	20.000 cd	285 m	4 m	10 h ^(*)	Straight: Ø 70 x 225 mm Right angle: Ø 70 x 100 x 185 mm	500 g	
ADALIT L-1	GAS Zone 0 1 2 DUST Zone 20 21 22	100 lm	800 cd	57 m	4 m	18 h ^(*)	145 x Ø 25 mm	60 g	
ADALIT IL-3	GAS Zone 1 2 DUST Zone 21 22	135 lm	1.900 cd	87 m	2 m	30 h ^(*)	150 x 38 x 44 mm	145 g	
ADALIT IL-3R	GAS Zone 1 2 DUST Zone 21 22	135 lm	1.900 cd	87 m	2 m	30 h ^(*)	150 x 38 x 44 mm	125 g	
ADALIT IL-300	GAS Zone 1 2 DUST Zone 21 22	200 lm	10.000 cd	200 m	4 m	8 h ^(*)	Straight: Ø 70 x 225 mm Right angle: Ø 70 x 100 x 185 mm	500 g	
ADALIT L-50 PLUS	GAS Zone 0 1 2 DUST Zone 20 21 22 M1 M2	300 lm	15.000 cd	245 m	2 m	60 h ^(*)	Head: 69 x Ø 71 mm Body: 108 x 41 x 42 mm	Head: 150 g Body: 450 g	
ALFA WL	GAS Zone 1 2 DUST Zone 21 22 M1 M2	135 lm	1.600 cd	80 m	2 m	18 h ^(*)	100 x 60 x 67 mm	185 g	
ADALIT L-5000		800 lm	160.000 cd	800 m	2 m	24 h ^(*)	260 x 110 x 110 mm	1100 g	
ADALIT L-5000 EX1	GAS Zone 1 2	500 lm	70.000 cd	530 m	2 m	48 h ^(*)	260 x 110 x 110 mm	1100 g	

(*) Up to

										
	IP67		Alkaline AAA/R03			✓		✓		
	IP67	Rechargeable Li-ion	Alkaline AAA/R03 ^(*)			✓		✓		
	IP67		Alkaline AAA/R03	✓		✓		✓		
	IP67	Rechargeable Li-ion	Alkaline AAA/R03 ^(*)	✓		✓		✓		
	IP65	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		✓	✓		✓ ^(*)	✓		
	IP66	Rechargeable Li-ion		✓	✓		✓ ^(*)	✓		

(*) optional (**) compatible

intelligent light
ADALIT

www.adalit.com



youtube.com/user/ADALITProfessional



flickr.com/photos/adalitprofesional/



facebook.com/AdalitTorches/

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ADARO

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