



ADALIT L-60



**ADALIT**

Safety Lighting

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**

**ADARO** | MADE IN EUROPE





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**ZONE 0/20**





### 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.



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



#### ▶ UNIVERSAL HELMET ADAPTER

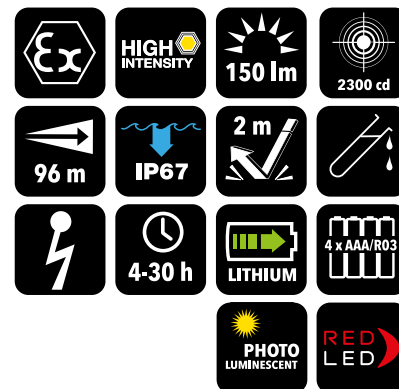
The Adalit L1 includes an adhesive metallic adapter compatible with any helmet.



# L5P<sup>OWER</sup> L5R<sup>OWER</sup>

## 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 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 potentially explosive atmospheres 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

• **L5P<sup>OWER</sup>**  
4 AAA alkalines  
(included)

• **L5R<sup>OWER</sup>**  
Rechargeable battery  
Lithium | Li-Po / 3,7 V (included)

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



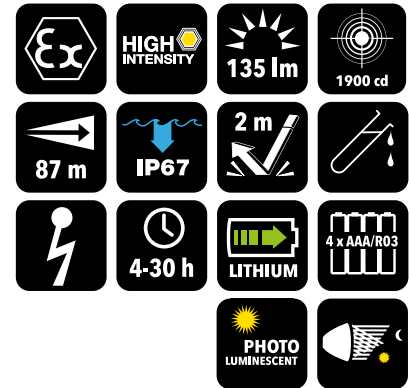
ACCESSORIES:  
Holster and torch helmet adapters



# 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)

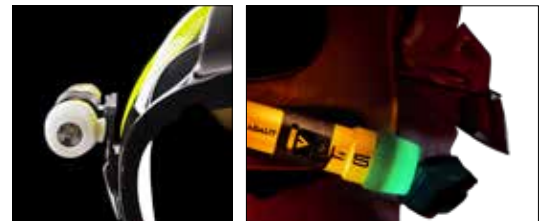
### L5R+

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

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



ACCESSORIES:  
Holster and torch helmet adapters





L-30





# L-30

## The revolutionary helmet torch

Lighter, smaller and more powerful than its predecessor, the rechargeable helmet torch L-30 is the firefighter's indispensable work tool. It incorporates a dual light system (main beam and step light) and two red LED beacons, making it the safest on the market. It is certified ATEX zone 0/20 for use in explosive atmospheres.



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

Ingress protection: IP68

Weight: 165 g (battery included)

Measures (LxWxH): 135x43x55 mm

Autonomy: Normal mode > 3 h  
 Saving mode > 12 h

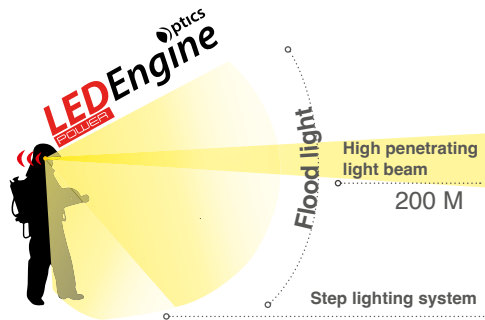
Torch body material: Thermoplastic resin with high resistance to the impacts, extreme temperatures and corrosive substances

Lighting source: 350 lumens and 10.000 cd

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

Chargers for 1, 2, 3, 4 or 5 torches. Compatible with Adalit L-10 chargers

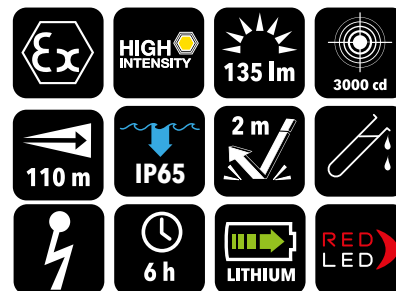
- **Power LEDEngine optics**, with a powerful high penetration in smoke spot light and long range
- **RED LED**: 2 rear flashing beacons for positioning
- **Step Lighting System**: a light beam projected directly into the ground to illuminate your path
- **BOOSTER** function
- Reflective bands
- Indication of the light duration and the battery level
- Low battery warning
- Firefighting helmet attachment included



# 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.



- 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

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 (battery included)

Measures (LxWxH): 156 x 56 x 48 mm

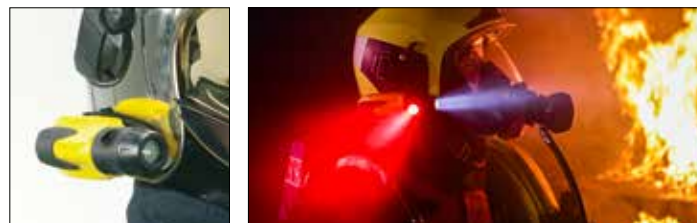
Burning time: Normal mode > 3 h  
Saving mode > 6 h

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

Lighting source: 135 lumens

On/Off button: placed on the side to guarantee easy finding and pushing with gloves

Chargers for 1, 2, 3, 4, 5 or 40 torches



# L-3000

## 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 optics, a large digital display and a swivelling head.



- 2 LEDs of 150 lumens each in a double optics 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

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

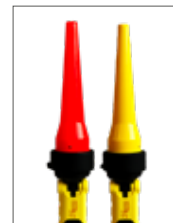
Low Battery Warning: Blinking signal of the main LED 15 min. before running out of battery

Chargers for 1, 2, 3 or 5 torches

Step  
Lighting  
System

BOOSTER  
LEDEngine<sup>optics</sup>

OPTIONAL



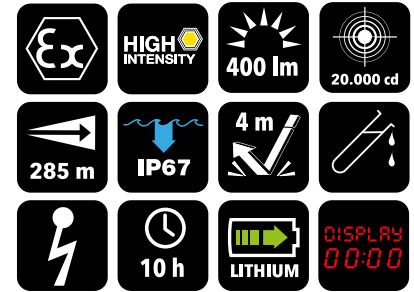
# L-3000 POWER

## 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 optics 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



LEDEngine<sup>ptics</sup>  
POWER

Step  
Lighting  
System

Swivel

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

Chargers for 1, 2, 3 or 5 torches

OPTIONAL



**L 5000 Z0** | SPOT VERSION

**L 5000 Z0 F** | FLOOD VERSION

### High intensity rechargeable handlamp ATEX Z0/20

Certified for explosive atmospheres, light, handy and powerful. Swivelling head, digital display and a state-of-the-art optic with different light beams: Spot (for long range) or Flood (for short range). It adapts to the most demanding and adverse working conditions.



**RED LED**



ATEX: II 1G Ex ia IIC T4 Ga  
II 1D Ex ia IIC T135°C Da  
GAS ZONE 0 | 1 | 2  
DUST ZONE 20 | 21 | 22

Ingress protection: IP66

**Swivel**



Weight: 1300 g (battery included)

Measures (LxWxH): 260 x 110 x 110 mm

Optic: 7 LEDs (1 x 3W high power / 2 x emergency light / 2 x signalling function-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 (Spot) / 20.000 cd (Flood) / 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

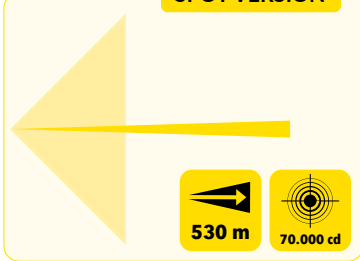
Auxiliary: Emergency light mode or Signalling function

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

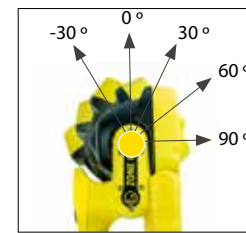
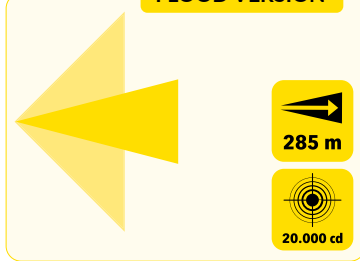
Accessories: Shoulder strap (included), Magnet (included), Tripod (optional)

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

**SPOT VERSION**



**FLOOD VERSION**



# L-90

## Right angle torch

Light, small and easy to operate. It incorporates our famous LEDEngine optics, including 2 LEDs (spot, flood and step light options). It easily adapts to the firefighter's tunic.



**BACKLIT Button**

2 versions: L-90 (3x alkaline AA)  
L-90R (Li-ion battery)

ATEX II 1G Ex ia op is IIC T4 Ga  
GAS ZONE 0 | 1 | 2

Ingress protection: IP67

Weight: L-90: 340 g (alkalines included)  
L-90R: 290 g (battery included)

Measures (LxWxH): 73x71x158 mm

Autonomy: Normal mode: L-90: > 10 h / L-90R: 4 h  
Saving mode: L-90: > 20 h / L-90R: 18 h

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

Lighting source: L-90: 250 lumens  
L-90R: 280 lumens

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

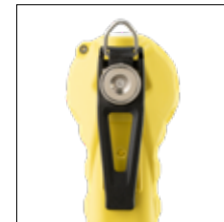
Battery level: the button lights up (green or red) to inform about the battery capacity

Chargers for 1, 2, 3 or 5 torches

Step  
Lighting  
System

**BOOSTER**  
**LEDEngine** ptics

- LEDEngine optics with 2 LEDs
- Spot, flood and stroboscopic options
- Step Lighting System: a light beam projected directly into the ground to illuminate the path
- BOOSTER function for high penetration
- High and low intensity modes
- Indication of the light duration and battery level
- Ring and spring clip in the back
- Neodymium magnet optional
- Photoluminescent bezel optional



# L-90 POWER

## Right angle torch

Light, small and easy to operate. It incorporates our famous Power LEDEngine optics, including 3 LEDs (spot, flood and step light options). It easily adapts to the firefighter's tunic.



**BACKLIT  
Button** 

2 versions: L-90POWER (3x alkaline AA)  
L-90RPOWER (Li-ion battery)

Step  
Lighting  
System

ATEX II 1G Ex ia op is IIC T4 Ga  
GAS ZONE 0 | 1 | 2

LEDEngine<sup>optics</sup>  
POWER

Ingress protection: IP67

Weight: L-90POWER: 340 g (alkalines included)

L-90RPOWER: 290 g (battery included)

Measures (LxWxH): 73x71x158 mm

Autonomy: Normal mode: L-90POWER: > 10 h / L-90RPOWER: 4 h  
Saving mode: L-90POWER: > 20 h / L-90RPOWER: 18 h

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

Lighting source: L-90POWER: 300 lumens

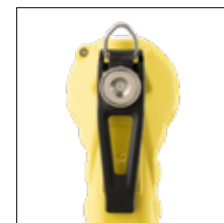
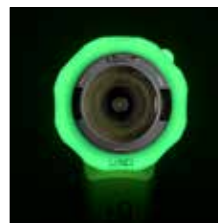
L-90RPOWER: 340 lumens

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

Battery level: the button lights up (green or red) to inform about the battery capacity

Chargers for 1, 2, 3 or 5 torches

- Power LEDEngine optics with 3 LEDs
- Spot, flood and stroboscopic options
- Step Lighting System: a light beam projected directly into the ground to illuminate the path
- High and low intensity modes
- Indication of the light duration and battery level
- Ring and spring clip in the back
- Neodymium magnet optional
- Photoluminescent bezel optional





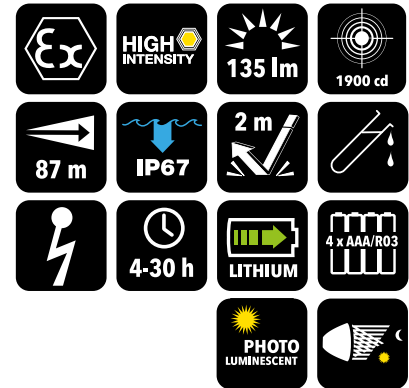
**ZONE 1 / 21**



# 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 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



## 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.

## 2 MODELS AVAILABLE

### IL-3



4 AAA alkalines  
(included)

### IL-3R



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

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



## ACCESSORIES:

Holster and torch helmet adapters



# 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.



- 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



**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**



Swivel Step Lighting System **LEDEngine** ptics

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

Chargers for 1, 2, 3 or 5 torches



**L-5000 Z1** | SPOT VERSION

**L-5000 Z1 F** | FLOOD VERSION

**High intensity rechargeable handlamp ATEX Z1/21**

Certified for explosive atmospheres, light, handy and powerful. Swivelling head, digital display and a state-of-the-art optic with different light beams: Spot (for long range) or Flood (for short range). It adapts to the most demanding and adverse working conditions.



ATEX: II 2G Ex ia IIC T4 Gb  
II 2D Ex ia IIIC T135°C Db  
GAS ZONE 1 | 2  
DUST ZONE 21 | 22

**RED LED**



Ingress protection: IP66

Weight: 1300 g (battery included)

Measures (LxWxH): 260 x 110 x 110 mm

Optic: 7 LEDs (1 x 3W high power / 2 x emergency light / 2 x signalling function- 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 (Spot) / 20.000 cd (Flood) / 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 (included), Tripod (optional)

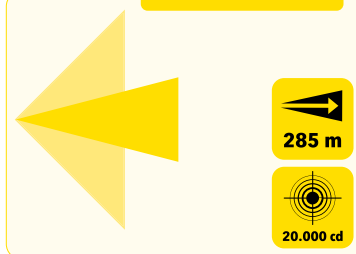
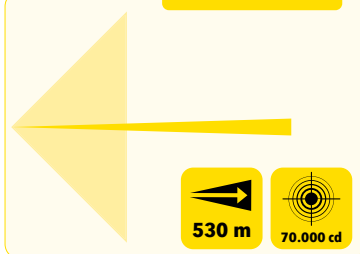
Charger: DC: 12 V / 24 V | AC: 100/240 V 50/60 Hz

**Swivel**



**SPOT VERSION**

**FLOOD VERSION**



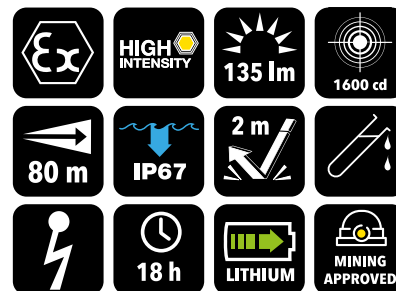


**M1 / M2**

# 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 IIIC T85°C Db  
I M2 Ex ib I Mb  
I M1 Ex ia I Ma (also available)

Ingress protection: IP67

Weight: 185 g (battery included)

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.

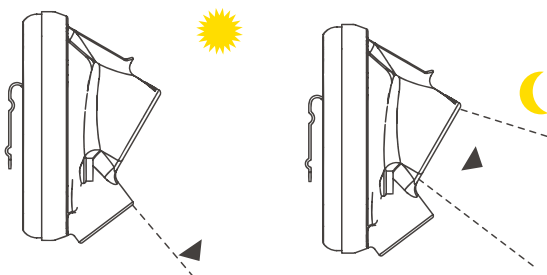
Lighting source: High Intensity LEDs  
Main light: 3W – Auxiliary light: 1W

Battery: Li-Po

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.



# 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.



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 (battery included)

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

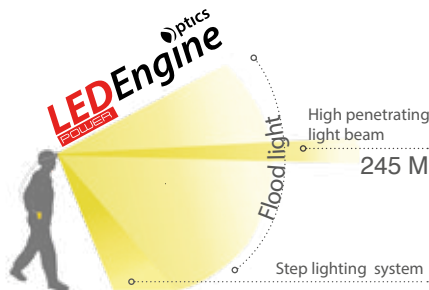
Torch body material: Thermoplastic resin with high resistance to the impacts, extreme temperatures and corrosive substances

Lighting source: 3 high intensity LEDs with 150 lm each

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

Chargers: 1, 5, 10, 40 or 80 cap lamps

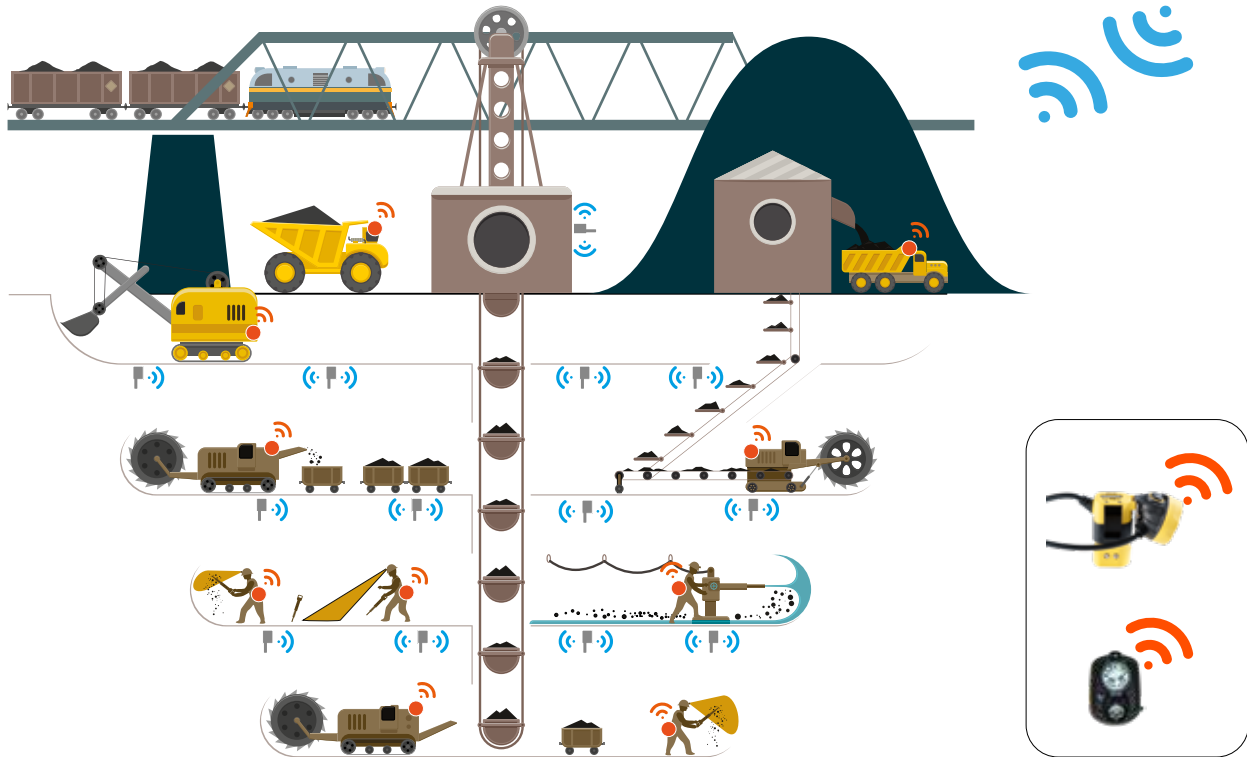
- 3 LEDs of 150 lumens each with different light beams
- Power LEDEngine technology with step light system
- 2 eligible burning times with different intensities
- Battery level indication in hours and minutes by means of a digital display
- Suitable for wireless communication systems (SICS - by ADARO Tecnología)
- Belt fastening clip
- Easy maintenance



# SICS

## 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

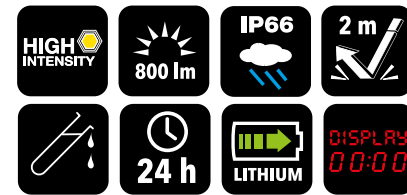


**POLICE/MILITARY**



# L-5000 | SPOT VERSION

# L-5000 F | FLOOD VERSION



## Professional rechargeable search light

Lightest, smartest and brightest handlamp in the market. With its swivelling head, the digital display and a state-of-the-art optics with different light beams: Spot (for long range) or Flood (for short range). It adapts to the most demanding and adverse working conditions.



Ingress protection: IP66

Weight: 1100 g (battery included)

Measures (LxWxH): 260 x 110 x 110 mm

Optic: 7 LEDs (1 x 3W high power / 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 (Spot) / 60.000 (Flood) / 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

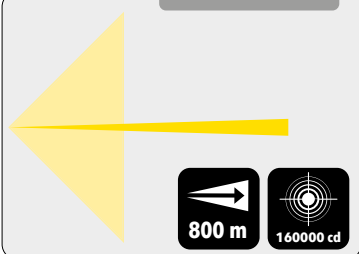
Auxiliary: Emergency light mode or Signalling function

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

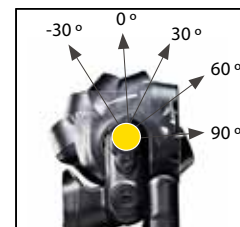
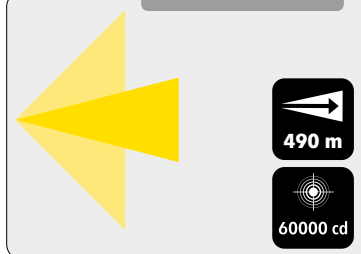
Accessories: Shoulder strap (included), Magnet (included), Tripod (optional)

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

SPOT VERSION



FLOOD VERSION



								(LxWxH)	
ADALIT L-1	GAS Zone 0   1   2 DUST Zone 20   21   22		100 lm	800 cd	57 m	4 m	18 h <sup>(*)</sup>	145 x Ø 25 mm	60 g
ADALIT L-5 PLUS ADALIT L-5R PLUS	GAS Zone 0   1   2 DUST Zone 20   21   22		135 lm	1.900 cd	87 m	2 m	30 h <sup>(*)</sup> 8 h <sup>(*)</sup>	150 x 38 x 44 mm	145 g 125 g
ADALIT L-5 POWER ADALIT L-5R POWER	GAS Zone 0   1   2 DUST Zone 20   21   22		150 lm	2.300 cd	96 m	2 m	30 h <sup>(*)</sup> 4 h	150 x 38 x 44 mm	145 g 125 g
ADALIT L-30	GAS Zone 0   1   2 DUST Zone 20   21   22	✓	350 lm	10.000 cd	200 m	4 m	12 h <sup>(*)</sup>	135x43x55 mm	165 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 <sup>(*)</sup>	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 <sup>(*)</sup>	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 <sup>(*)</sup>	Straight: Ø 70 x 225 mm Right angle: Ø 70 x 100 x 185 mm	500 g
ADALIT L-90 ADALIT L-90R	GAS Zone 0   1   2		250 lm 280 lm	12.500 cd 14.000 cd	220 m 235 m	4 m	20 h <sup>(*)</sup> 18 h	73 x 71 x 158 mm	340 g 290 g
ADALIT L-90 POWER ADALIT L-90R POWER	GAS Zone 0   1   2		300 lm 340 lm	16.100 cd 17.300 cd	255 m 265 m	4 m	20 h <sup>(*)</sup> 18 h	73 x 71 x 158 mm	340 g 290 g
ADALIT IL-3 ADALIT IL-3R	GAS Zone 1   2 DUST Zone 21   22		135 lm	1.900 cd	87 m	2 m	30 h <sup>(*)</sup> 8 h <sup>(*)</sup>	150 x 38 x 44 mm	145 g 125 g
ADALIT IL-300	GAS Zone 1   2 DUST Zone 21   22		200 lm	10.000 cd	200 m	4 m	8 h <sup>(*)</sup>	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 <sup>(*)</sup>	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 <sup>(*)</sup>	100 x 60 x 67 mm	185 g
ADALIT L-5000 ADALIT L-5000 F			800 lm	160.000 cd 60.000 cd	800 m 490 m	2 m	24 h <sup>(*)</sup>	260 x 110 x 110 mm	1100 g
ADALIT L-5000 Z0 ADALIT L-5000 Z0 F	GAS Zone 0   1   2 DUST Zone 20   21   22	✓	500 lm	70.000 cd 20.000 cd	530 m 285 m	2 m	48 h <sup>(*)</sup>	260 x 110 x 110 mm	1300 g
ADALIT L-5000 Z1 ADALIT L-5000 Z1 F	GAS Zone 1   2 DUST Zone 21   22	✓	500 lm	70.000 cd 20.000 cd	530 m 285 m	2 m	48 h <sup>(*)</sup>	260 x 110 x 110 mm	1300 g

(\*) Up to

										
	IP67		Alkaline AAA/R03				✓			
	IP67	Li-Po rechargeable	AAA Alkaline AAA Alkaline			✓				
	IP67	Li-Po rechargeable	AAA Alkaline AAA Alkaline	✓		✓				
	IP68	Li-ion rechargeable		✓				✓	✓	
	IP65	Li-ion rechargeable		✓						
	IP67	Li-ion rechargeable			✓		✓ <sup>(*)</sup>	✓	✓	
	IP67	Li-ion rechargeable			✓		✓ <sup>(*)</sup>	✓		
	IP67	Li-ion rechargeable	AA Alkaline AA Alkaline			✓ <sup>(*)</sup>	✓ <sup>(*)</sup>	✓	✓	
	IP67	Li-ion rechargeable	AA Alkaline AA Alkaline			✓ <sup>(*)</sup>	✓ <sup>(*)</sup>	✓		
	IP67	Li-Po rechargeable	AAA Alkaline AAA Alkaline			✓				
	IP67	Li-ion rechargeable			✓		✓ <sup>(*)</sup>	✓	✓	
	IP67	Li-ion rechargeable			✓			✓		✓ <sup>(**)</sup>
	IP67	Li-Po rechargeable						✓		✓ <sup>(**)</sup>
	IP66	Li-ion rechargeable		✓	✓		✓			
	IP66	Li-ion rechargeable		✓	✓		✓			
	IP66	Li-ion rechargeable		✓	✓		✓			

(\*) optional

(\*\*) compatible



**ATEX**

Approved to be used in potentially explosive atmospheres



**DIGITAL DISPLAY**

A display that gives information about the torch burning time in hours and minutes



**LIGHT OUTPUT**

A measurement of the total quantity of emitted overall light energy by a light source. Measured in Lumens



**PHOTOLUMINESCENT**

It is the light emission after a previous absorption of a radiation



**PEAK BEAM INTENSITY**

It is the amount of light emitted by a lighting device in a particular direction. Measured in Candela



**ANTISTATIC**

Prevents the formation of static electricity on the flashlight surface



**BEAM DISTANCE**

The distance from device at which the light beam is 0.25 lux



**CHEMICAL RESISTANCE**

The flashlight is not damaged by contact with chemicals



**DROP RESISTANCE**

The degree to which a portable light resists damage when dropped on a solid surface. Dropped samples must not exhibit any cracks or breaks, and must remain fully functional in order to pass the impact resistance test



**LIGHT SENSOR**

The flashlight intensity adapts intelligently (increases or decreases) depending on the brightness of the environment



**BURNING TIME**

The duration of time from the initial light output value (with battery fully charged or fresh batteries) until the light output drops to 10% of the initial value



**INGRESS PROTECTION**

The degree of protection provided by the torch enclosure against access to hazardous parts, against the penetration of external solid bodies and against the penetration of liquids into them



**MAGNET**

Neodymium magnet that allows the fixation of the torch to metallic surfaces



**RECHARGEABLE BATTERY**

Powered by a rechargeable lithium battery



**MINING APPROVED**  
Certified for use in underground mines



**HIGH INTENSITY LED**  
High quality and bright LED



**IEC/IECEX**  
Approved to be used in potentially explosive atmospheres by the International Electrotechnical Commission standards



**ALKALINE BATTERIES**  
Powered by non-rechargeable alkaline batteries



**Backlit button**



**Step lighting system**



**Intensity boost**



**Red LED beacon**



**LED Engine optics**



**Communication and tracking system**



**Power LED Engine optics**



**Swivelling head**

# ATEX INFORMATION



## 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

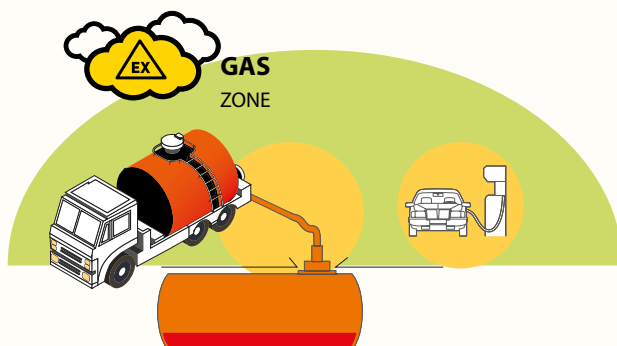
**ia**  
PROTECTION  
MODE

**IIC**  
DUST  
GROUP

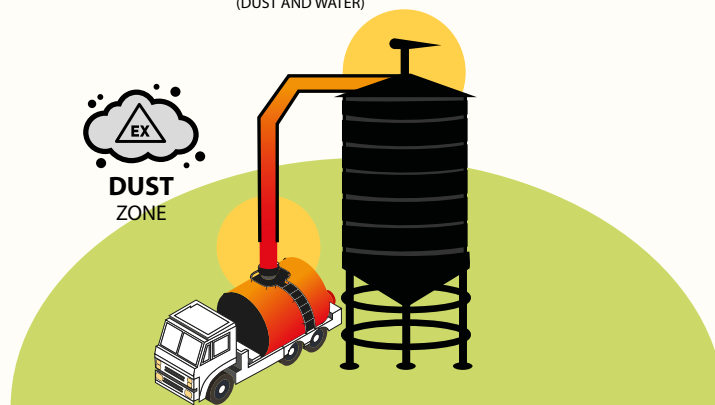
**T135°C**  
TEMPERATURE  
CLASSIFICATION

**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

More ATEX info at [www.adalit.com](http://www.adalit.com)

# SMART LIGHTING SOLUTIONS





intelligent light  
**ADALIT**

[www.adalit.com](http://www.adalit.com)



YouTube

[youtube.com/user/ADALITProfessional](https://youtube.com/user/ADALITProfessional)



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[instagram.com/adalit\\_torches/](https://instagram.com/adalit_torches/)

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