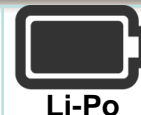




IP 65



## ALADIN

### → Association of Light And Detector for Individual Notice

#### STANDARD

Complying with European Directives **CE**  
EN 61000-6-2, EN 61000-6-4

#### FUNCTION

- ALADIN is designed to provide extra safety level for workers operating near energized equipment (during maintenance, rescue operations, painting, pruning,...) in electrical environment.
- This device combines a head light and a personal voltage alarm.

Do not replace safety procedure.

#### USE

- Example of situation where ALADIN provided an efficient warning.
  - **Misunderstanding**: the operator approach the wrong location
  - **Voltage unexpected return**. Mistake during an operation on disconnected network.
  - **Involuntary approach**: Quick move in direction of energized area during operation
  - **Diversion**: the operator is diverted by a bad news or urgency and moves toward a high potential energized conductor unconsciously.

In all these situations and many others ALADIN will provide the ultimate WARNING.

#### ADVANTAGES

- Sound alert of voltage proximity which rhythm increases up on the level of electric field detected.
- The “**smart mute**” is a Dynamic Voltage Detection :
  - it is used to silence the warning sound once at working place, the device is remaining in vigilance and still measuring the electric field.
  - The warning sound will automatically restart in case of increase of the level of detected electric field (closer or sudden presence of voltage).
  - Acts as a virtual barrier which can be set at the working place.
- The device is designed like head light to be fixed on helmets or hard hats by various means. In this position, the device will detect 360° around the operator.
- No influence of the electromagnetic fields.
- 2 types of light are available :
  - 1 light for remote vision (overhead lines, poles, ...)
  - 1 light for closer vision (walking trip, working place, ...)
- Light and compact device.
- Rechargeable by standard micro USB 5 V plug.

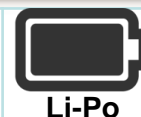


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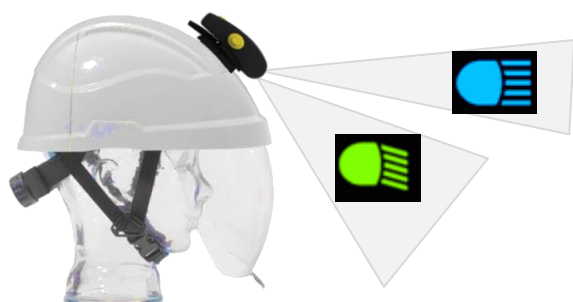
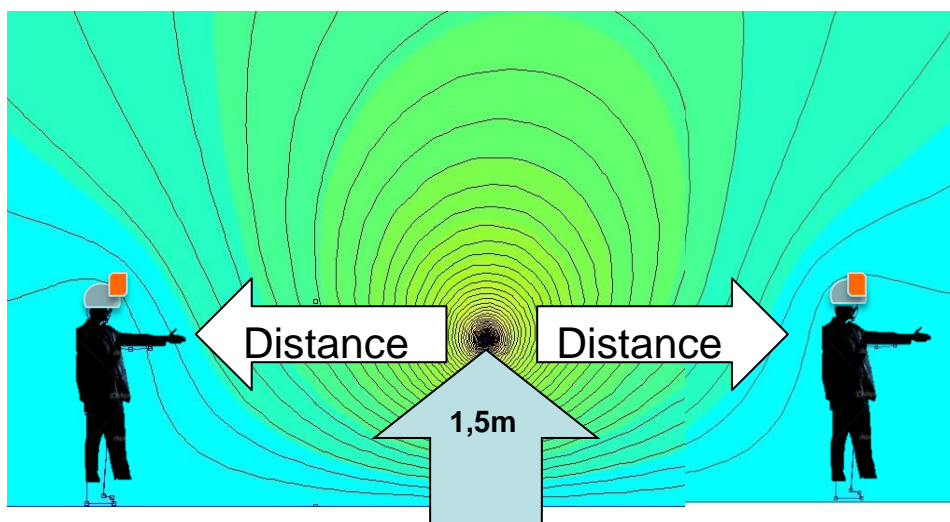
**IP 65**

## TECHNICAL SPECIFICATIONS

- 360° detection of electric field 50 HZ or 60 HZ around the worker.
- Convenient for outdoor and indoor electrical systems
- Detects the level of electric field. It does not measure the distance of the source of the electric field
- Higher is the voltage, bigger is the distance of detection.
- It may even detect low voltage near wall outlet.
- Range of use up to 220 kV environments
- Battery capacity 2000mAh
- Temperature: -25° +55° C
- Humidity: up to 96 %.

kV	Distance	Smart Mute Guard
1	2 m	/
15	4,5 m	0,5m
20	5 m	0,5m
25	5,5 m	0,5m

Indicative distances in laboratory conditions:  
Voltage on a 2m bar at 1.5m above the ground.



	140 lm	11°	20-30m	4 h
1	100 lm	65°	10-15m	
2	50 lm		5-10m	25 h
3	20 lm		<3m	50 h
/	/	/	/	80 h In vigilance

\* Indicatives autonomy values

Reference	Dimensions	Weight	Options	Packaging
ALADINCEFC	87 x 60 x 34 mm	99 g	Charger USB Elastic strap	Cardboard box: includes Soft bag, pad interface
ALADINSSFC			/	

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