



EU-TYPE EXAMINATION CERTIFICATE

- 1
- 2 Equipment or Protective System Intended for use in Potentially Explosive Atmospheres  
Directive 2014/34/EU
- 3 EU-Type Examination Certificate Number **LOM 20ATEX1048X**
- 4 Product Flashlight  
Type L-30\*
- 5 Manufacturer Adaro Tecnología, S.A.
- 6 Address C/ Jimena Fernández de la Vega, 38  
Parque Científico Tecnológico de Gijón -EDIFICIO ADARO  
33203 Gijón-Asturias  
SPAIN
- 7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- 8 Laboratorio Oficial J.M. Madariaga (LOM), Notified Body number 0163, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.  
The examination and test results are recorded in confidential Report No **LOM 19.551Z**
- 9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
Standards **EN 60079-0:2012 + A11:2013** **EN 60079-11:2012**  
except in respect of those requirements listed at item 18 of the schedule.
- 10 If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.
- 11 This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- 12 The marking of the product shall include the following:



II 1G Ex ia IIC T4 Ga  
II 1D Ex ia IIIC T135°C Da

Getafe,  
Digitally signed by:

Certification committee

RCPEER 25.7/5

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# LABORATORIO OFICIAL J. M. MADARIAGA

## 13 SCHEDULE

14 EU-Type Examination Certificate number: **LOM 20ATEX1048X**

### 15 Description of product

One piece portable flashlight with enclosure made of plastic material.

The power supply is based on a 18650 size rechargeable element of 3.7 V/2500 mAh Li-ION or 3.2 V/1500 mAh LiFePO<sub>4</sub>, depending on variant.

It has two light sources, one main and one auxiliary side. Both light sources are LED based

Variants L-30 Whit Li-ION battery. Main body of the enclosure in yellow colour

L-30MSA With Li-ION battery. Main body of the enclosure in green-fluorine colour

L-30LIFE With LiFePO<sub>4</sub> battery. Main body of the enclosure in yellow colour

Specific parameters *Um*:12 V

16 Report number **LOM 19.551Z**

### 17 Specific conditions of use

Charging can only be done in a safe area and with the charger supplied by the manufacturer

The flashlight is only usable in locations with low impact risk

### 18 Essential Health and Safety Requirements

Essential Health and Safety Requirements (EHSRs) are covered by the standards listed at item 9.

### 19 Drawings and document

Number	Sheets	Issue	Date	Description
L.30 Family - Certification Memory	24	5	2020-06-04	Technical description
730	2	2	2020-06-08	L-30LIFE main enclosure body
731	1	2	2020-03-04	Head cover
732	2	3	2020-06-08	L-30 main enclosure body
733	1	2	2020-03-04	Body head
734	1	0	2019-10-18	Head cover
735	2	3	2020-06-08	L-30MSA main enclosure body
741	1	3	2020-03-04	Electronic schematics
742	1	3	2020-03-04	Main PCB
743	1	2	2020-03-31	Electronic schematics
744	1	2	2020-03-31	Auxiliary LED
745	1	1	2019-08-19	Electronic schematics
746	1	1	2019-08-19	Main LED PCB
1007	1	1	2019-10-18	Battery connection
1008	1	0	2019-11-04	Battery connection
EP-DF-29.3	2	1	2020-06	User manual
EP-DF-31.3	2	1	2020-06	User manual
EP-DF-34.3	2	1	2020-06	User manual