



1. **EC-TYPE EXAMINATION CERTIFICATE**

2. **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**

3. **EC-Type Examination Certificate Number:** EPSILON07ATEX2280X Issue 2

4. **Equipment or Protective System:** LED Flashlight, L1 1930 LED Zone 0

5. **Manufacturer:** Pelican Products Inc (Trading as PELI™)

6. **Address:** 23215 Early Avenue, Torrance, CA 90505, USA

7. This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8. Intertek Testing and Certification Limited, notified body number 0359 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Intertek Report 101772974MAN-001, dated November 2014

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with standards EN60079-0: 2012, EN60079-11: 2012, EN60079-26: 2007 and EN60079-28: 2007 except in respect of those requirements referred to at item 16 of the Schedule.

10. If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

11. This EC Type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12. The marking of the equipment or protective system shall include the following:-



II 1 G Ex ia op is IIC T6/T4 Ga

-40°C ≤ Ta ≤ 60°C

A Dickinson
Certification Officer
27 November 2014

Intertek Testing & Certification Limited
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13. **Description of Equipment or Protective System**

The L1 1930 LED Zone 0 is a handheld torch powered by 4 LR44 type, 1.5V batteries. The equipment has an LED light source and is protected by the Intrinsic Safety and inherently safe optical radiation concepts of protection. It is intended for use in an ambient temperature range of -40°C to +60°C.

The permitted battery types and associated temperature classes are detailed in the table below:

Battery Type	Temperature Class
Panasonic LR44	T4
Phillips A76	T4
Energizer LR44	T6
Vinnic LR44	T6
Duracell LR44	T6

14. **Report Number**

Intertek Report 101772974MAN-001, Dated: November 2014

15. **Conditions of Certification**

(a). Special Conditions for safe use

- Use only Energizer, Vinnic, Duracell, Panasonic or Philips type LR44 batteries.

(b). Conditions of Manufacture

- There are no routine tests.

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16. **Essential Health and Safety Requirements (EHSR's)**

The relevant EHSR's have been identified and assessed in Intertek Report 101772974MAN-001 Dated: November 2014

17. **Drawings and Documents**

Title	Drawing No.:	Rev. Level:	Date:
PELI BODY 1930 ZONE 0	1932-949-CLRE-Z0	A	8/11/14
1930 ZONE 0 LED BLANK BODY	1932-949-CLR	A	8/11/14
1930 LED, ZONE 0 MSA BODY	1932-949-111G	A	8/11/14
1930 LED ZONE 0 APPROVAL INSERT	1930-001-Z0	A	10/27/2014
1930 LED ZONE 0 LIGHT ASSEMBLY	1930-032-CLRE-Z0	A	08/05/2014
1930 MSA, ZONE0 LED LIGHT ASSEMBLY	1930-232-CLRG	A	08/05/2014
LENS 1930 CLEAR	1933-920-100	D	8/27/2013
1930 LED Z0, BATTERY TRAY & SWITCH ASSEMBLY. (2 Pages)	1936-350-230E	A	08/10/2014
SHROUD, 1930 LED ZONE 0	1933-947-CLR	A	8/11/2014

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18 Revisions

Issue	Date	Change
Original issue	24 September 2007	Original Issue. Assessment Standards: EN60079-0: 2006 & EN60079-11: 2007, EN60079-26: 2004 Marking:  II 1 G Ex ia IIC T6/T4 (-40°C ≤ Ta ≤ +60°C) Refer to Reports: RETS(A)2569/A/1, dated 24 September 2007
Issue 2	27 November 2014	Assessment updated to address EN60079-0: 2012 and EN60079-11: 2012. (EN60079-26 is no longer needed for intrinsically safe products). <ul style="list-style-type: none"> • Marking updated to reflect change in standards. • Change of enclosure material. • Drawing change to refer to colour of equipment. • Battery type error corrected from Panasonic LR14 to Panasonic LR44. • LED type limited to one option. • Coloured lens permitted. • Drawings re-numbered and re-drawn. • MSA logo introduced. Marking:  II 1 G Ex ia op is IIC T6/T4 Ga (-40°C ≤ Ta ≤ +60°C) Refer to Report G101772974MAN-001, Dated November 2014.

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