

EU-TYPE EXAMINATION CERTIFICATE

Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

- EU-Type Examination Certificate Number:** ITS17ATEX201830X **Issue 02**
- Product:** Intrinsically Safe Flashlight Model 3415 Z0, 3415M Z0
- Manufacturer:** Pelican Products Inc
- Address:** 23215 Early Avenue, Torrance, CA 90505, U.S.A.
- This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- Intertek Testing and Certification Limited, Notified Body number 0359 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council dated 26 February 2014, certifies that the 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 of the Directive.
- Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN IEC 60079-0: 2018, EN 60079-11: 2012, and EN 60079-28: 2015 except in respect of those requirements referred to within item 14 of the Schedule.
- If the sign "X" is placed after the certificate number, it indicates that the product is subject to the special conditions of use specified in the Schedule to this certificate.
- 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.
- The marking of the product shall include the following:



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-20°C ≤ Ta ≤ +40°C

Certification Officer: _____ **Date:** 28 May 2020
P Moss

SCHEDULE:

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11. Description of Equipment or Protective System

The equipment is an intrinsically safe flashlight powered by three AA alkaline cells connected in series. The equipment is housed in a non-metallic enclosure with a clear non-metallic lens. Model 3415M Z0 variant includes a magnetic clip. The following battery cells may be used in the device:

- Energizer E91
- Philips LR6
- Panasonic LR6
- PELI P-NiMH-AA
- NX-Power Plus LR6
-

12. Report Number

Intertek Report(s):

102951276DAL-003 Dated: June 2017

103291187DAL-003 Dated: 30 January 2019

104338854DAL-001 Dated: 20 May 2020

13. Special Conditions of Certification

(a). Special Conditions of Use

- For use with the following battery cells only:
 - Energizer E91
 - Philips LR6
 - Panasonic LR6
 - PELI P-NiMH-AA
 - NX-Power Plus LR6

(b). Conditions of Manufacture - Routine Tests

- None

14. Essential Health and Safety Requirements (EHSRs)

The relevant Essential Health and Safety Requirements (EHSRs) have been identified and assessed in Intertek Report: 103291187DAL-003 Dated: 30 January 2019.

15. Drawings and Documents

Title:	Drawing No.:	Rev. Level:	Date:
*3415Z0, PELI LIGHT W/ PLASTIC CLIP	034150-6000-000E	G	05/12/2020
*3415Z0, PELI LIGHT W/ MAGNET CLIP	034150-6000-001E	G	05/12/2020
*PELI, 3415Z0 LOGO & APPROVAL	3415-004-Z0	A	05/10/2020
*PELI, 3415M Z0 LOGO & APPROVAL	3415-004-Z0-M	A	05/10/2020
*3415Z0 PELI BODY	034150-6000-000E-01	E	05/12/2020

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Intertek Testing & Certification Limited, Cleeve Road, Leatherhead, Surrey, KT22 7SA
Registered No 3272281 Registered Office: Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ.

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*3415MZ0 PELI BODY	034150-6000-001E-01	B	05/12/2020
3415, PELI SWITCH COVER	034150-6000-000E-02	B	08/12/2018
3415, PELI FRONT HEAD LENS OVER MOLD	034150-6000-000E-08	B	08/12/2018
3415, LED HOUSING	034150-6000-000-09	A	11/28/2016
3415, MAIN REFLECTOR	034150-6000-000-12	A	11/28/2016
3415, SMALL LED+MCPCB ASSEMBLY	034150-6000-000-15	A	11/23/2016
3415, MAIN LED+MCPCB ASSEMBLY	034150-6000-000-16	A	11/23/2016
3415, FRONT HEAD GASKET	034150-6000-000-17	A	11/28/2016
3415, POSITIVE CONTACT PLATE	034150-6000-000-44	A	01/11/2017
3415, NEGATIVE CONTACT PLATE	034150-6000-000-47	A	01/11/2017
3415, PELI TAIL CAP	034150-6000-000E-03	B	08/12/2018
3415R, SWITCH BOOT	034150-6000-000-29	A	11/28/2016
3415, PELI HEAD HOUSING	03415R-6000-000E-21	C	08/12/2018
3415, PELI HEAD SIDE COVER	034150-6000-000E-20	B	08/12/2018
3415, PCB TRAY	034150-6000-000-43	A	11/23/2016
3415, LED DRIVER BOARD	034150-6000-000-45	C	08/02/2018
3415, PELI PLASTIC CLIP	034150-6000-000E-40	B	08/12/2018
3415Z0, PELI MAGNET CLIP ASSEMBLY	034150-6000-001E-39	B	08/12/2018
SCREW, M 3.5 PAN HEAD	034150-6000-000-19	A	04/10/2017
3415, CLIP PIN	034150-6000-000-37	A	04/10/2017
3415, CLIP SPRING	034150-6000-000-38	A	04/10/2017
KEY RING	034150-6000-000-49	A	11/10/2017
*Instruction Manual	003415-3180-003E	A	MY/20

Note: An * is included before the title of documents that are new or revised.

16. Details of Certificate changes Issue 1

1. Update standard EN 60079-0:2011+A11:2013 to EN 60079-0: 2018.
2. Addition of new enclosure material Lexan EXL 9330.
3. Addition of alternate LED LED1 and MCU U2.
4. Addition of NiMH cells to battery list.
5. Minor modification of enclosure to add a key ring.

Details of Certificate changes Issue 2

1. Added "NX-Power Plus LR6" in Description of Equipment
2. Updated Temperature code from "T4" to "T4...T3" due to above addition of batteries.
3. Reflected above changes for drawings.

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