# Intertek Intertek Intertek Intertek Intertek Int

## **EU-Type Examination Certificate**





### 1. EU-TYPE EXAMINATION CERTIFICATE

- 2. Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
  Directive 2014/34/EU
- 3. EU-Type Examination Certificate Number: ITS17ATEX202171X Issue 0

4. Product: Intrinsically Safe Flashlight Model 3345Z0

5. Manufacturer: Pelican Products Inc.

**6.** Address: 23215 Early Avenue

Torrance, CA 90505

USA

- 7. This product 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 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 to the Directive.

The examination and test results are recorded in confidential Intertek Report 102955644DAL-005 dated December 2017.

- 9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN 60079-0: 2012 + A11: 2013, EN 60079-11: 2012, and EN 60079-28: 2015 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 product is subject to Specific Conditions of Safe 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:



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-20°C ≤ Ta ≤ +40°C

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P Moss Certification Officer 15<sup>th</sup> December 2017

Registered No 3272281 Registered Office: Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ.

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This certificate may only be reproduced in its entirety and without any change, schedule included and is subject to
Intertek Testing and Certification's Conditions for Granting Certification.

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### **SCHEDULE**

### **EU-TYPE EXAMINATION CERTIFICATE NUMBER ITS17ATEX202171X**

### 13. Description of Equipment or Protective System

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

- Energizer E91
- Philips LR6
- Panasonic LR6

### 14. Report Number

Intertek Report Ref: 102955644DAL-005 Dated: December 2017

### 15. Special Conditions of Certification

- (a). Specific Conditions of Safe Use
  - Only Panasonic LR6, Philips LR6 and Energizer E91 battery cells are permitted to be used in the equipment. The cells must be of the same manufacturer.
  - Do not open the battery compartment or replace battery cells when an explosive atmosphere is present. Battery cells must be replaced with the correct polarity.
  - The capacitance measured on the spring of model 3345Z0 exceeds 3pF for Group IIC.
     Measured capacitance value was 4.8pF. The user shall determine the suitability of the equipment in the end application.
- (b). Conditions of Manufacture Routine Tests
  - None



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This Certificate is the property of Intertek Testing and Certification Ltd and is subject to Intertek Testing and Certification's Conditions for Granting Certification RFT-EU-NB-OP-23k1 June 29, 2016

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### **SCHEDULE**

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### 16. Essential Health and Safety Requirements (EHSRs)

The relevant Essential Health and Safety Requirements (EHSRs) have been identified and assessed in Intertek Report Ref: 102955644DAL-005-EHSR Dated: December 2017

### 17. Drawings and Documents

Title:	Drawing No.:	Rev. Level:	Date:
FLASHLIGHT BODY, 3345	3345-001-Z0	Α	06/28/2017
FLASHLIGHT BODY, 3345	3345-002-Z0	Α	07/19/2017
FLASHLIGHT ASSY, 3345Z0	033450-0100-CLRE	Α	06/28/2017
PIN, BELT CLIP, 3345	033450-0100-MC102	Α	06/28/2017
LENS, 3345Z0	033450-0100-MC203	Α	04/12/2017
HEAT SINK, 3345	033450-0100-MC301	Α	04/12/2017
SPRING, BELT CLIP, 3345	033450-0100-MC502	Α	04/07/2017
SHROUD, 3345Z0	033450-0100-P01E	Α	06/30/2017
FLASHLIGHT BODY, 3345Z0	033450-0100-P06E	Α	06/30/2017
BELT CLIP, 3345Z0	033450-0100-P16E	Α	06/30/2017
MAIN LED MCPCB, 3345	033450-0100-PCAS01	Α	06/14/2017
SIDE PCBA, 3345	033450-0100-PCAS02	Α	06/14/2017
MAIN PCBA, 3345	033450-0100-PCFD01	Α	07/20/2017
SWITCH BOOT, 3345	033450-0100-R02	Α	04/07/2017
Instruction Manual	003345-3180-000E	Α	06/2017

