

1 EU - TYPE EXAMINATION CERTIFICATE

2 **Product or Protective System Intended for use in Potentially Explosive Atmospheres**
Directive 2014/34/EU – Annex III

3 EU - Type Examination Certificate No.: **TRAC15ATEX0043X (incorporating variations V1 to V3)**

4 Product: **Peli LED Flashlight with rechargeable battery pack
2460Z1 'Stealthlite' & 3660Z1 'Little Ed LED'**

5 Manufacturer: **Pelican Products Inc.**

6 Address: **23215 Early Avenue, Torrance, CA 90505, United States of America**

7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Element Materials Technology, Notified Body number 2812, 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 the confidential report **TRA-026588-33-00A, TRA-034529-33-00A & TRA-050009-33-01A**

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 EN 60079-28:2015

Except in respect of those requirements listed at section 18 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 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 this product shall include the following:

 **II 2 G Ex ib op is IIC T4 Gb**

This certificate and its schedules may only be reproduced in its entirety and without change. This certificate is issued in accordance with the Element Materials Technology Ex Certification Scheme.

S.P. Winsor

S P Winsor, Certification Manager

Issue date: 2020-04-24

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13 SCHEDULE TO EU - TYPE EXAMINATION CERTIFICATE

14 CERTIFICATE NUMBER TRAC15ATEX0043X (incorporating variations V1 to V3)

15 Description of Product

The 2460Z1 Stealthlite and 3660Z1 Little Ed LED Zone 1 hand-held torches are powered by 4 rechargeable AA 2000 mAh NiMH cells. The torches are constructed from conductive polymeric materials with two exposed metallic charging contacts. The 3660Z1 features a right angled lens with a metallic clip, whereas the 2460Z1 has a straight body and no clip. The torch is permitted to be charged only in non-hazardous areas via an associated apparatus mains-powered charging cradle Peli #2480F.

16 Test Report No. (as added for this issue of the certificate): TRA-050009-33-01A.

17 Specific Conditions of Use

1. Do not charge or open in hazardous area.
2. Use only P-NiMH-AA rechargeable cells.
3. Use only Pelican rechargeable battery charger cat. #2480F (ATEX certificate: EMT16ATEX0026X)



Attention is drawn to the operating and installation instructions which may contain useful information in relation to conditions of use.

18 Essential Health and Safety Requirements (Directive Annex II)

In addition to the Essential Health and Safety Requirements covered by the standards listed at item 9, all other requirements are demonstrated in the relevant reports.

19 Drawings and Documents

The list of controlled technical documentation is given in Appendix A to this schedule.

20 Routine Tests

None.

21 Specific Conditions for Manufacture

None.

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22 Photographs

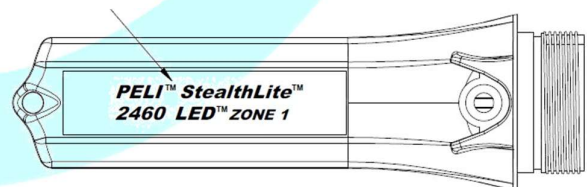
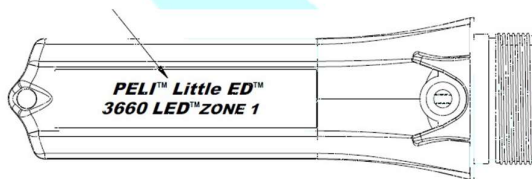
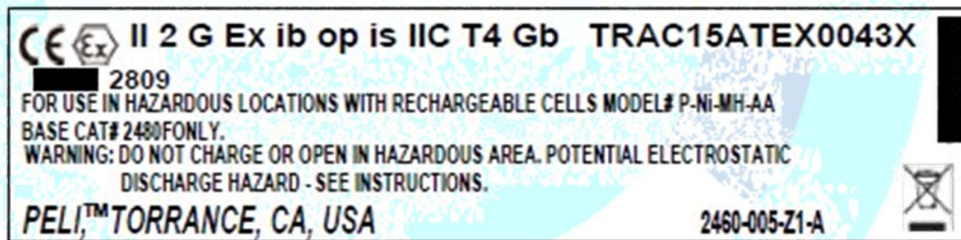


3660Z1 'Little Ed LED'



2460Z1 'Stealthlite'

23 Details of Markings



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24 Details of Variations to this Certificate

This certificate is a consolidated certificate and reflects the latest status of the certification, including the following variations:

- Variation V1 – Battery pack replaced with 4 x separate AA size rechargeable cells and EN 60079-28 is applied for optical Radiation.
- Variation V2 – This certificate was originally issued by Notified Body number 0891 under Directive 2014/34/EU. The technical file has been transferred to Element Notified Body number 2812 without further assessment or evaluation.
- Variation V3 – LED replaced with new part. Marking label and instructions updated. Minor re-wording of specific conditions of use. Other non-critical drawing changes.

25 Notes to CE marking

In respect of CE Marking, Element Materials Technology accepts no responsibility for the compliance of the product against all applicable Directives in all applications.

26 Notes to this certificate

Element Materials Technology certification reference: ERO032645P02 (GU-PCNQ-0024).

Throughout this certificate, the date format yyyy-mm-dd (year-month-day) is used.

Notified Body number 2812 is the designation for Element Materials Technology Rotterdam BV.

In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Variation certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20 April 2016.

27 Conditions for the validity of this certificate

This certificate remains valid for so long as:

- (i) The equipment listed in section 4 is manufactured in accordance with the documents listed in Appendix A of this certificate.
- (ii) The standards listed in section 9 of this certificate continue to satisfy the Essential Health and Safety Requirements of Annex II of Directive 2014/34/EU and the generally acknowledged state of the art (e.g. as determined by the publishers of those standards).

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APPENDIX A - TECHNICAL DOCUMENTS

Title:	Drawing No.:	Rev. Level:	Date:
2460Z1:			
Peli 2460 Z1 Light Assembly With Single Cell	2460-050-CLRE-Z1	C	2020-03-15
2460Z1 (instruction sheet)	2463-318-507	D	2020
Peli 2460 Z1, Rechargeable Body With 2 Ribs	2462-950-CLRE-Z1	A	2019-04-15
3660Z1:			
3600 Anti-Static Transition Holder	3602-946-CLR	A	2014-11-07
3600 Anti-Static Transition Adaptor	3603-946-CLR	A	2014-11-07
3600 Anti-Static Transition / Adaptor Assembly	3606-946-CLR	A	2014-11-07
Peli 3660 Z1 Light Assembly With Single Cell	3660-050-CLRE-Z1	C	2020-03-18
3660Z1 LED (instruction sheet)	3663-318-507	D	2020
3660 LED Zone 1 Rechargeable Body With 2 Ribs	3662-950-CLRE-Z1	A	2019-04-15
Common Drawings:			
2460 Anti-Static Shroud	2463-947-CLR	A	2015-02-17
Fuse Epoxy Holder	2013-359-000-015	A	2010-11-01
2460Z1 Rechargeable Contact Module (2 Pages)	2466-626-110	B	2016-07-15
Driver Board, 2410 LED Module	2413-359-000-04	B	2016-02-05
Circuit Board Assy (3 pages)	2413-359-000-014	E	2020-04-15
2460 Z1 Approval With Single Cell	2460-005-Z1	A	2019-06-12
2460Z1 / 3660Z1 Body With 2 Ribs (2 sheets)	2462-950-CLR	A	2019-06-12
Berquist Thermal Pad	2013-359-000-016	A	2010-11-04
MPCB W/LED, 2010/2410	2013-359-001	B	2015-11-30
LED	2013-359-002	C	2015-10-21
LED Module, 2414	2413-359-000	G	2020-04-18
2460Z1/3660Z1 Battery Separator	2463-522-000	A	2017-05-25
Peli, AA NiMH Cell	2463-301-000E	D	2018-06-26
2463-301-000E (instruction sheet supplement)	2463-317-000E	A	2017-07