

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.: **TRAC12ATEX0018X (incorporating Variations V1 and V2)**

4 Product: **LED Flashlight, model 3715Z0**

5 Manufacturer: **Pelican Products Inc.,**

6 Address: **23215 Early Avenue, Torrance, California 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-009590-33-00A and TRA-023363-33-00A.**

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN60079-0:2012

EN60079-11:2012

EN60079-26:2007

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.

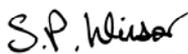
11 This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of this product shall include the following:

 **II 1 G Ex ia IIC T4 Ga**

II 1 D Ex ia IIIC T130°C Da

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, Certification Manager

Issue date: 2019-11-01

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13 SCHEDULE TO EU - TYPE EXAMINATION CERTIFICATE

14 CERTIFICATE NUMBER TRAC12ATEX0018X (incorporating Variations V1 and V2)

15 Description of Product

The type 3715Z0 flashlight is powered by 4 x AA alkaline primary cells. The flashlight light source consists of an LED array that is arranged to give differing light outputs. The light output is controlled via an electronic circuit, which is mounted within the flashlight body. The flashlight comprises of a main enclosure, a removable battery tray and lens assembly. There is a spring-actuated clip at the rear of the flashlight main enclosure.

16 Test Report No. (as added for this issue of the certificate): N/A

17 Specific Conditions of Use

1. The following cell types are permitted: Energiser E91 and Panasonic LR6.
2. Replace all cells at the same time.
3. Do not mix cell brands.
4. Cells not to be replaced in the hazardous area.



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.

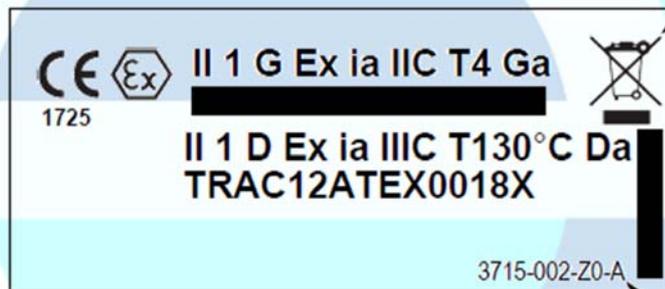
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22 Photographs



23 Details of Markings



APPROVED FOR USE WITH FOUR SIZE "AA"
ALKALINE CELLS (ENERGIZER E91 OR
PANASONIC LR6)
WARNING: RISK OF IGNITION-DO NOT OPEN IN
HAZARDOUS AREA. DO NOT MIX CELLS FROM
OTHER MANUFACTURERS. REPLACE ALL CELLS
AT THE SAME TIME
PELI,™ TORRANCE, CA, USA



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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 – Update to latest standard EN60079-0:2012, change in enclosure materials and removal of battery type.
- 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.

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: **NR-PCNQ-0003**

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:
3715/3765 Z0 LED Module Sub-assembly	3715-350-000	A	2015-03-10
LED Module Assembly 3715/3765 (2 sheets)	3713-350-000-02	B	2012-08-14
3715/3765 Z0 Battery Cover Assembly	3715-350-000-01	A	2015-03-10
LED wire MPCB Positive 3715/3765	3713-350-000-51	A	2011-11-02
LED wire MPCB Negative 3715/3765	3713-350-000-50	A	2011-11-02
Buss Wire 3715/3765	3713-350-000-49	A	2011-10-28
Reflector Holder 3715/3765	3713-350-000-48	A	2011-10-27
Insert 3715/3765	3713-350-000-47	A	2011-10-27
#2 Panhead self tapping ¼" L	3713-350-000-46	A	2011-10-28
#4 Panhead self tapping 3/8" L	3713-350-000-45	A	2011-10-28
Fuse Holder 3715/3765	3713-350-000-43	A	2011-10-28
MCPCB Retaining Ring 3715/3765	3713-350-000-42	A	2011-10-28
Eyelet 3715/3765	3713-350-000-41	A	2011-10-28
O Ring 3715 Knob	3713-350-000-40	A	2011-10-28
O Ring 3715/3765	3713-350-000-39	A	2011-10-31
Retaining ring (Fit 3/16 ID)	3713-350-000-38	A	2011-10-27
Polarity Spacer 3715/3765	3713-350-000-37	A	2011-10-27
Battery Spring 3715/3765	3713-350-000-36	A	2011-10-27
Steel braided tether 3715/3765	3713-350-000-35	A	2011-10-27
Threaded stud 3715/3765	3713-350-000-34	A	2011-10-27
Top Battery Cover 3715/3765	3713-350-000-33	A	2011-10-27
3715/3765 Z0 Battery Cover	3715-350-000-31	A	2015-03-10
3715/3765 Z0 Knob, Battery Cover	3715-350-000-32	A	2015-03-10
Eyelet NiMH signal 3715/3765	3713-350-000-30	A	2011-10-28
Contact Spring NiMH 3715/3765	3713-350-000-29	A	2011-10-31
Battery Contact 3715/3765	3713-350-000-27	A	2011-10-28
Charging Contact 3715/3765	3713-350-000-26	A	2011-10-28
Contact Spacer 3715/3765	3713-350-000-25	A	2011-10-28
Eyelet Battery Contact 3715/3765	3713-350-000-24	A	2011-10-28
Pos Spring Contact 3715/3765	3713-350-000-23	A	2011-10-27
Neg Contact Spring 3715/3765	3713-350-000-22	A	2011-10-31
M5 insert 3715/3765	3713-350-000-21	A	2011-10-28
Battery Spacer 3715/3765	3713-350-000-20	A	2011-10-27
Main Spacer 3715/3765	3713-350-000-19	A	2011-10-28

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Wire Main PCB to Switch PCB 3715/3765	3713-350-000-18	A	2011-10-28
Heat Sink 3715/3765	3713-350-000-10	A	2011-10-27
Charging Contact 3715/3765	3713-350-000-09	A	2011-10-28
Contact Protector 3715/3765	3713-350-000-08	A	2011-10-28
CREE XP-E LED	3713-350-001-03	A	2011-10-28
MCPCB W/LED	3713-350-001	A	2011-05-12
3713 Switch PCBA (2 sheets)	3713-340-001	A	2011-09-21
3713 Main PCB (4 sheets)	3713-340-000	C	2012-08-14
3715/3765 Z0 Plastic Clip	3715-345-000	A	2015-03-10
3715/3765 Z0 Plastic Clip	3715-345-000-01	A	2015-03-10
3715/3765 Z0 Clip Base	3715-345-000-02	A	2015-03-10
Slotted spring pin	3713-345-000-03	B	2012-03-07
Torsion spring 3715/3765	3713-345-000-04	B	2012-03-07
Mold Approval Insert 3715 Zone 0	3715-002-Z0	A	2015-01-29
3715/3765 reflector assembly	3713-925-000	A	2011-07-21
3715/3765 reflector	3713-925-000-10	A	2011-10-27
3715/3765 PCB downcast	3713-925-000-11	A	2011-07-21
Downcast contact spring	3713-925-000-12	A	2011-10-27
5mm LED	3713-925-000-13	A	2011-10-27
#2 S.S. Screw 3/8" Length	3713-925-000-14	A	2011-10-27
Reflector cover 3715/3765	3713-925-000-15	A	2011-10-27
3715/3765 Overmold Shroud	3715-940-CLR	A	2015-03-10
Assy, Peli 3715Z0 (2 sheets)	3715-020-CLRE-Z0	A	2015-03-18
Main Housing 3715 Zone 0	3715-948-CLRE-Z0	A	2015-03-10
3710 Clear Lens	3715-920-100	A	2014-11-17
3715Z0 Decal	3715-365-110E	A	2015-03-09
3715Z0 LED (Instructions)	3715-318-502	B	2015-02
O'Ring Heads-up Light	2603-322-000	A	2001-07-30