

1 **EC TYPE EXAMINATION CERTIFICATE**

2 Equipment or protective system intended for use in potentially explosive atmospheres –
Directive 94/9/EC – Annex III

3 EC Type Examination **TRAC12ATEX0018X**
Certificate No.:

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

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

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

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

8 TRaC Global Ltd, Notified Body number 0891 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment or protective system 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**.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in section 18 of the schedule to this certificate, has been assured by compliance with:

EN60079-0:2009

EN60079-11:2012

EN60079-26:2007

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

11 This EC-Type Examination certificate relates only to the design and construction of the specified equipment in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this equipment.

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

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

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

S.P. Winsor

S P Winsor, Certification Officer

Issue date: 2012-11-23

Copy No.: 1e

Page 1 of 5

Form RF355 is16

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13 **SCHEDULE TO EC TYPE EXAMINATION CERTIFICATE**

14 **TRAC12ATEX0018X**

15 **General description of equipment or protective system included within the scope of this certificate**

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.

A list of controlled Manufacturer's Documents is given in Appendix A to this schedule.

16 **Test report No.:** **TRA-009590-33-00A.**

17 **“Special Conditions of Safe Use” for Ex Equipment, if any:**

1. The following cell types are permitted: Energiser E91, Philips LR6 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.

18 **Essential health and safety requirements**

Covered by application of the standards listed in section 9 of this certificate and the assessment conducted in the test report listed in section 16 of this certificate.

19 **Additional information**

“Routine tests”, if any:

None.

“Special conditions for manufacture”, if any:

None.

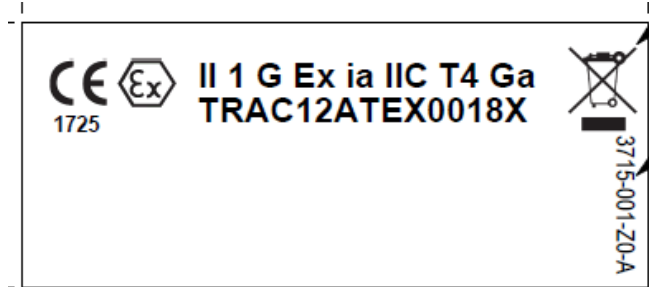
Other information, if any:

None.

Photographs



Details of markings



APPROVED FOR USE WITH FOUR SIZE "AA" ALKALINE CELLS (ENERGIZER E91, PHILIPS LR6, 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



Details of variations to this certificate

- None.

Notes to CE marking

In respect of CE Marking, TRaC Global Ltd accepts no responsibility for the compliance of the equipment against all applicable Directives in all applications.

Notes to this certificate

TRaC certification reference: **TRA-009590-32-00.**

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

CONTINUATION OF SCHEDULE TO CERTIFICATE TRAC12ATEX0018X

APPENDIX A - LIST OF CONTROLLED MANUFACTURER'S DOCUMENTS

Title:	Drawing No.:	Rev. Level:	Date:
LED Module Sub Assembly 3715/3765	3713-350-000	A	2011-10-28
LED Module Assembly 3715/3765 (2 sheets)	3713-350-000-02	A	2011-11-17
Battery Cover Assembly 3715/3765	3713-350-000-01	A	2011-10-27
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
MPCB 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 Battery Cover	3713-350-000-32	A	2011-10-27
Knob Battery Cover 3715/3765	3713-350-000-31	A	2011-10-27
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
Wire Main PCB to Switch PCB 3715/3765	3713-350-000-18	A	2011-10-28

CONTINUATION OF SCHEDULE TO CERTIFICATE TRAC12ATEX0018X

Title:	Drawing No.:	Rev. Level:	Date:
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	A	2011-09-06
Plastic Clip 3715/3765	3713-345-000	A	2011-07-25
Plastic clip 3715/3765	3713-345-000-01	A	2011-12-08
Clip base 3715/3765	3713-345-000-02	A	2011-12-08
Slotted spring pin	3713-345-000-03	A	2011-12-08
Torsion spring 3715/3765	3713-345-000-04	A	2011-12-08
Decal, 3715Z0	3713-365-110E	A	2012-01-15
Mold Approval Insert 3715 Zone 0	3715-001-Z0	A	2012-04-04
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
3710 overhead shroud	3713-940-000	A	2011-07-21
3715/3765 overhead shroud	3713-940-CLR	A	2011-07-21
3715/3765 switch boot	3713-961-CLR	B	2011-11-17
Assembly Peli 3715Z0 (2 sheets)	3715-000-CLRE-Z0	A	2012-01-05
3715Z0 LED (ATEX Instructions 2 sheets)	3712-318-500	C	NO/12