

1 **EU - Type Examination Certificate**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: ExVeritas 23ATEX1613X Issue: 0

4 Equipment: Flashlight PELI 3715Z0

5 Manufacturer: Pelican Products Inc.

6 Address: 23215 Early Avenue, Torrance, CA 90505, USA.

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

8 ExVeritas, Notified Body number 2804 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems for use in potentially explosive atmospheres given in Annex II to the Directive

9 Compliance with the applicable Essential Health and Safety Requirements has been assured by compliance with the following Standards and section 16 of this certificate:

EN IEC 60079-0:2018

EN IEC 60079-11:2011

10 If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EU-Type Examination Certificate relates only to the design, construction, examination and tests of the specified equipment or protective system in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment shall include the following:



II 1G Ex ia IIC T4 Ga
II 1D Ex ia IIIC T₂₀₀70°C Da
Ta = -20°C to +40°C

Schedule

13 Description of equipment

The "PELI 3715Z0" is a flashlight used for illuminating dimly lit areas. It is designed to be suitable for explosive gas and dust atmospheres which are continuously present and therefore intended for use in areas classified as ATEX Category 1G/1D. The device uses an array of LED's which is controlled electronically to achieve different lighting effects and is intended to be held by the user during use. The device has a battery compartment which can accept the one of the following approved power sources:

1. x4 individual AA primary Zinc-Manganese dioxide cells (Panasonic LR6 or Energizer E91).
2. x4 individual AA secondary Nickel metal hydride cells (branded Peli P-NiMH-AA).

The flashlight does not have charging facilities and therefore the secondary cells in item 2 cannot be recharged whilst installed in the device. These must be removed and charged externally.

14 Descriptive documents

14.1 Associated report and certificate history:

Report	Date	Issue	Comment
R4585/A/1	29/09/2023	0	Initial issue of the Prime Certificate

14.2 Compliance drawings:

Title	Drawing	Revision	Date
3715/3765Z0 LED MODULE SUB-ASSEMBLY	3715-350-000	H	27/05/2021
BATTERY COVER ASSEMBLY, 3715/3765	3715-350-000-01	A	10/03/2015
KNOB, BATTERY COVER, 3715/3765	3715-350-000-31	A	10/03/2015
3715/3765 BATTERY COVER	3715-350-000-32	A	10/03/2015
LED MODULE ASSEMBLY, 3715/3765	3713-350-000-02	G	27/05/2021
HEAD SINK, 3715/3765	3713-350-000-10	A	27/10/2011
WIRE, MAIN PCB TO SWITCH PCB, 3715/3765	3713-350-000-18	A	28/10/2011
BATTERY SPACER, 3715/3765	3713-350-000-20	A	27/10/2011
O-RING, 3715/3765	3713-350-000-39	A	31/10/2011
O-RING, 3715 KNOB	3713-350-000-40	A	28/10/2011
FUSE HOLDER	3713-350-000-43	A	28/10/2011
BUSS WIRE, 3715/3765	3713-350-000-49	A	28/10/2011
LED WIRE, MCPCB, NEGATIVE	3713-350-000-50	A	02/11/2011
LED WIRE, MCPCB, POSITIVE	3713-350-000-51	A	02/11/2011
MCPCB W/LED, 3715/3765	3713-350-001	C	27/05/2021
LED	3713-350-001-03	B	17/06/2015
3713 MAIN PCB	3713-340-000	J	27/05/2021
3713 SWITCH PCBA	3713-340-001	A	21/09/2011
3715/3765Z0 Plastic clip	3715-345-000	C	21/09/2020
3715/3765 REFLECTOR ASSEMBLY	3713-925-000	C	03/06/2021
3715/3765 OVERMOLD SHROUD	3715-940-CLR	A	10/03/2015
3710 CLEAR LENS	3715-920-100	A	17/11/2014
MOLDED APPROVAL INSERT, 3715Z0	3715-003-Z0	C	02/10/2023
MAIN HOUSING, 3715Z0	3715-949-CLRE-Z0	A	09/09/2019
O-RING, HEADS-UP LIGHT	2603-322-000	A	30/07/2001
ASSY, PELICAN 3715Z0	3715-020-CLRE-Z0	D	02/10/2023
3715/3765Z0 SWITCH BOOT	3715-961-CLR	A	31/03/2015
DECAL, 3715Z0	3715-365-110E	B	22/06/2021
3715Z0 instruction manual	3715-318-503	A	OC/23

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Issue 0

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Schedule

15 Conditions of Certification

15.1 Special Conditions for Safe Use

1. It is not permitted to remove the batteries whilst inside a hazardous area.
2. When replacing with primary cells use only Panasonic LR6, Energizer E91.
3. When replacing with secondary cells use only Peli P-NIMH-AA
4. All cells must be exchanged completely with cells from the same cell manufacturer and same batch.
5. The cells must only be charged whilst in a safe area.

15.2 Conditions for Use (Routine tests)

- None

16 Essential Health and Safety Requirements

Essential Health and Safety Requirements are addressed by the standards listed in section 9 and where required the report listed in section 14.1

The manufacturer shall inform the Notified Body of any modifications to the design of the product described by this schedule.