

1 EU - Type Examination Certificate

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

3 Certificate Number: ExVeritas 15 ATEX 0073 X Issue: 2

4 Equipment: LED Flashlight 3765Z0

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 2585 in accordance with Article 9 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 60079-0:2012+A11:2013 EN 60079-26:2015
EN 60079-11:2012 EN 60079-28:2015

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:

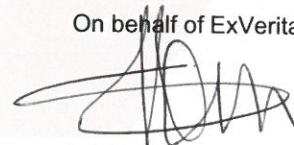
 II 1G Ex ia op is T3 Ga (battery pack 3769)

 II 1G Ex ia op is T4 Ga (battery pack Peli P-NiMH-AA)



No. 8613

On behalf of ExVeritas



S D'Henin
Certification Manager

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Schedule

13 Description of Equipment or Protective System

The type 3765Z0 flashlight is powered by a rechargeable battery pack 3769 or Peli P-NiMH-AA. 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 and the charger contacts are provided outside of the enclosure at the front side.

The type 3765Z0 is provided with the standard charger 3770F that is intended to be used only in safe area. This charger includes a protective circuit for transients from the mainline.

14 Descriptive Documents

14.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
R0760/A/1	2015/10/14	1	Initial issue of the Prime Certificate
R0760/B/1	2017/07/18	2	Inclusion of the rechargeable battery pack with cells Peli P-NiMH-AA. Updated of the analysis to the new standards version EN 60079 26:2015, EN 60079-28:2015 Inclusion of the marking T4 for the battery pack Peli P-NiMH-AA. Inclusion of a jumper between NiMH-GND and BAT- to allow the charging of the cells P-NiMH-AA that are installed loosely in the tray (refer to drawing 3713-340-000, REV E). ATEX Directive updated. Small change in the dimensions of the decal.

14.2 Compliance Drawings:

Issue 1

Number	Date	Issue	Description
3715-350-000	2015/05/12	B	LED MODULE SUBASSEMBLY, 3715/3765 Z0
3715-350-000-01	2015/03/10	A	BATTERY COVER ASSEMBLY, 3715/3765 Z0
3713-350-000-02	2014/10/15	D	LED MODULE ASSEMBLY, 3715/3765
3713-350-000-10	2011/10/27	A	HEAT SINK, 3715/3765
3713-350-000-18	2011/10/28	A	WIRE, MAIN PCB TO SWITCH PCB, 3715/3765
3713-350-000-19	2011/10/28	A	MAIN SPACER, 3715/3765
3713-350-000-20	2011/10/27	A	BATTERY SPACER, 3715/3765
3713-350-000-22	2011/10/31	A	NEG CONTACT SPRING, 3715/3765
3713-350-000-23	2011/10/27	A	POS CONTACT SPRING, 3715/3765
3715-350-000-31	2015/03/10	A	KNOB BATTERY COVER, 3715/3765 Z0
3715-350-000-32	2015/03/10	A	3715/3765 Z0, battery cover
3713-350-000-39	2011/10/31	A	O-RING 3715/3765
3713-350-000-40	2011/10/28	A	O-RING 3715 KNOB
3713-350-000-43	2011/10/28	A	FUSE HOLDER, 3715/3765

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Number	Date	Issue	Description
3713-350-000-49	2011/10/28	A	BUSS WIRE, 3715/3765
3713-350-000-50	2011/11/02	A	LED WIRE, MPCB, NEGATIVE
3713-350-000-51	2011/11/02	A	LED WIRE, MPCB, POSITIVE
3713-350-001	2011/12/05	A	MCPCB WITH LED 3715/365
3713-350-001-03	2011-10/28	A	CREE XP-E LED
3713-340-001	2011/09/21	A	3713 SWITCH PCBA
3713-340-000	2012/08/14	C	3713 MAIN PCB
3715-345-000	2015/03/10	A	3715/3765 Z0, PLASTIC CLIP
3715-961-CLR	2015/03/31	A	3715/3765 Z0 SWITCH BOOT
3715-345-000-01	2015/03/10	A	3715/3765 Z0, PLASTIC CLIP
3715-345-000-02	2015/03/10	A	3715/3765 Z0, CLIP BASE
3715-920-100	2014/11/17	A	3715 ZONE 0 CLEAR LENS
3715-940-CLR	2015/03/10	A	3715/3765 Z0, OVERMOLD SHROUD
3763-302-000	2015/03/10	A	3765 NiMH BATTERY ASSEMBLY
3763-302-000-01	2015/03/10	A	2000mA NiMH BATTERY
3763-301-000-08	2012/01/05	A	POLYSWITCH, 3765 BATTERY PACK
3765-318-500	Au 2015	A	PELI 3765Z0 USER INSTRUCTION
3765-000-Z0	2015/03/17	A	MOLDED APPROVAL INSERT 3765 ZONE 0
3765-022-CLRE-Z0	2015/03/10	A	3765 Z0 LIGHT ASSEMBLY
3765-365-000E	2015/03/10	A	3765 Z0 DECAL
3765-948-CLRE-Z0	2015/03/10	A	3765 ZONE 0, MAIN HOUSING
3763-305-002	2015/06/02	A	3765 CHARGER
3763-305-000-014	2015/06/02	A	3763 CHARGER, SIDE PCBA
3763-305-000-018	2015/06/02	A	3763 CHARGER, MAIN PCBA
3765-318-500	Au/2015	A	PELI 3765Z0 USER INSTRUCTIONS

Issue 2

Number	Date	Issue	Description
3715-350-000	2017/06/12	C	LED MODULE SUBASSEMBLY, 3715/3765 Z0
3765-001-Z0	2017/06/04	A	MOLDED APPROVAL INSERT 3765 ZONE 0
3765-022-CLRE-Z0	2017/05/31	B	3765 Z0 LIGHT ASSEMBLY
3765-365-000E	2015/07/15	B	3765 Z0 DECAL
3713-340-000	2017/03/24	E	3713 MAIN PCB
3765-318-502	2017/06/26	A	PELI 3765Z0 USER INSTRUCTIONS

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Schedule

15 Conditions of Certification

15.1 Special Conditions for Safe Use

- Only the battery pack 3769 or the cells Peli P-NiMH-AA can be used to power the LED flashlight 3765Z0. This battery pack is not allowed to be removed in hazardous areas. See instructions to replace the batteries.
- Only the charger 3770F can be used to charge the model 3765Z0. The use of another type of charger will invalidate the protection concept and this approval.

15.2 Conditions for Use
(Routine Tests)

N/A

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.

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