

1 EU - Type Examination Certificate

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

3 Certificate Number: ExVeritas 23ATEX1543X Issue: 0

4 Equipment: Peli 2460Z1 Stealthlite & 3660Z1 Little Ed LED

5 Manufacturer: Pelican Products Inc

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

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 60079-11:2012

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 with 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 2G Ex ib IIC T4 Gb
Ta = -20°C to +40°C

Schedule

13 Description of Equipment or Protective System

The 2460Z1 Stealthlite and the 3660Z1 Little Ed Zone 1 are portable flashlights used for illuminating dimly lit areas. Each device is designed to be used in explosive gas atmospheres classified as ATEX Category 2G.

Both devices are powered by four rechargeable AA 2000 mAh NiMH cells, and charging is accommodated using externally exposed, metallic charging contacts. Charging of the cells is only permitted inside a safe area using the "Peli #2480F cradle", which is mains powered associated apparatus. Both models are identical except the 3660Z1 has a 90-degree elbow between the enclosure and the lamp head.

14 Descriptive Documents

14.1 Associated Report and Certificate History:

Report	Date	Issue	Comment
R4148/A/3	04/01/2024	0	Issue of the prime certificate.

14.2 Compliance Drawings:

Description	Drawing number	Revision	Date
Led module, 2414	2413-359-000-AP	A	2023/07/24
Heat sink, 2010/2410 module	2013-359-000-02	B	2020/01/15
Driver board, 2410 led module	2413-359-000-04	D	2023/09/06
Circuit board assy	2413-359-000-014	E	2022/10/24
Circuit board	2413-359-000-014-01	A	2022/10/24
(alternative) circuit board	2413-359-000-025	A	2023/03/01
(alternative) circuit board	2413-359-000-025-01	A	2022/10/21
Mcpcb w/led, 2010/2410	2013-359-001	B	2015/11/30
Led	2013-359-002	D	2023/02/27
2460 z1 approval with single cell	2460-005-z1	B	2023/12/01
2410 shroud overmold	2413-920-clr	F	2023/01/24
Jumper contact	2403-344-000	E	2013/05/08
O-ring switch	2403-321-000	A	2009/04/16
2400 spring switch	2403-349-000	F	2013/01/09
Lever, stealthlite switch	2401-911l-clr	E	2009/05/06
Cam, stealthlite switch	2401-911c-clr	D	2009/03/24
Pushnut, 0.142 stud	2403-348-000	A	2020/06/02
O'ring	2403-323-000	A	2009/04/16
Lanyard assy	2106-300-110	Pr	2004/11/19
Valve, puv	2003-343-000	B	2011/02/11
Cap, puv	2003-942-clr	C	2011/04/26
Peli, aa nimh cell	2463-301-000e	D	2018/06/26
Peli 2460 z1 light assembly with single cell	2460-050-clre-z1	E	2023/01/24
Peli 2460 z1, rechargeable body with 2 ribs	2462-950-clre-z1	A	2019/04/15
2460z1 / 3660z1 body with 2 ribs	2462-950-clr	A	2019/12/06
2460 z1 rechargeable contact module	2466-626-110	B	2016/07/15
Fuse epoxy holder	2013-359-000-015	A	2010/03/18
Berquist thermal pad	2013-359-000-016	A	2010/03/19
2460z1/3660z1 battery separator	2463-522-000	A	2017/05/25
2460-301-000e instructions	2463-317-000e	-	2017/09/07
Peli 3660z1 light assembly with single cell	3660-050-clre-z1	E	2023/01/24
3660 led zone 1, rechargeable body with 2 ribs	3662-950-clre-z1	A	2019/04/15
3600 anti-static transition/adaptor assembly	3606-946-clr	A	2014/07/11
3600 anti-static transition adaptor	3603-946-clr	A	2014/07/11
3600 anti-static transition holder	3602-946-clr	A	2014/07/11
2410 PCBA	2413-359-000-030	A	2023/09/05

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Schedule

15 Conditions of Certification

15.1 Special Conditions for Safe Use

- Do not charge or open in hazardous area
- Use only Peli P-NiMH-AA rechargeable batteries.

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.

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