



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEx EXV 22.0026X	Page 1 of 3	Certificate history:
Status:	Current	Issue No: 0	
Date of Issue:	2023-03-22		
Applicant:	PELICAN PRODUCTS INC 23215 EARLY AVE., TORRANCE, CA 90505 United States of America		
Equipment:	PELI 3765Z0 Flashlight		
Optional accessory:			
Type of Protection:	Intrinsically safe		
Marking:	Ex ia IIC T3 Ga (when using battery pack) Ex ia IIC T4 Ga (when using individual cells) Ta = -20°C to +40°C		

Approved for issue on behalf of the IECEx
Certification Body:

Sean Clarke CEng MSc FIET

Position:

Certification Manager

Signature:
(for printed version)

Date:
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

ExVeritas Limited
Units 16-18 Abenbury Way
Wrexham Ind. Est.
Wrexham LL 139UZ
United Kingdom





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Manufacturer: **PELICAN PRODUCTS INC**
23215 EARLY AVE., TORRANCE, CA 90505
United States of America

Manufacturing
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[GB/EXV/ExTR22.0053/00](#)

Quality Assessment Report:

[GB/FME/QAR08.0002/14](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Refer to 'Annex'

SPECIFIC CONDITIONS OF USE: YES as shown below:

- Only the rechargeable battery pack "3769", or rechargeable cells "Peli P-NiMH-AA", can be used to power the LED flashlight 3765Z0. It is not permitted to remove this battery pack whilst inside a hazardous area.
- When powered using primary cells use only Panasonic LR6, or Energizer E91. All cells must be exchanged with cells from the same cell manufacturer and same batch.
- Only the charger 3770F can be used to charge the model 3765Z0.

Annex:

[IECEx Certificate Annex_1.pdf](#)

Description Continued:

The 'PELI 3765Z0' is a flashlight used for illuminating dimly lit areas. It is designed to be suitable for explosive gas atmospheres which are continuously present and therefore intended for use in areas classified as IECEx Zone 0 & ATEX Category 1. 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 '3765Z0 Flashlight' 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 (Panasonic Eneloop BK-3MCC branded Peli P-NiMH-AA).
3. A single non-serviceable battery pack (made up of x4 individual AA secondary Tenenergy 10321 Nickel metal hydride)

The '3765Z0 Flashlight' is supplied with the '3769 battery pack' (item 3 above) by default. Only when installed with the '3769 battery pack' the '3765Z0 Flashlight' may be charged in the safe area using the supplied '3770F charger'. Temperature class T4 is only applicable when used with either items 1 or 2 above. When used with the '3769 battery pack' the '3765Z0 Flashlight' is suitable only for Temperature class T3.

Routine Tests:

1. None.

Description	Drawing number	Revision	Date
Led module subassembly, 3715	3713-350-000	H	2021-05-27
Led module assembly, 3715/3765	3713-350-000-02	G	2021-05-27
Battery cover assembly, 3715/3765	3713-350-000-01	B	2012-08-13
Led wire, mpcb, positive	3713-350-000-51	A	2011-11-02
Led wire, mpcb, negative	3713-350-000-50	A	2011-11-02
Buss wire, 3715/3765	3713-350-000-49	A	2011-10-28
Fuse holder, 3715/3765	3713-350-000-43	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
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
Pos contact spring, 3715/3765	3713-350-000-23	A	2011-10-27
Neg contact spring, 3715/3765	3713-350-000-22	A	2011-10-31
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
Heat sink, 3715/3765	3713-350-000-10	A	2011-10-27
Led	3713-350-001-03	B	2015-06-07
Mpcb w/led, 3715/3765	3713-350-001	C	2021-05-27
3713 switch pcba	3713-340-001	A	2011-09-21
3713 main pcb	3713-340-000	J	2021-05-27
3715/3765 Z0 plastic clip	3715-345-000	C	2020-09-21
3715/3765 Z0 plastic clip	3715-345-000-01	B	2018-01-10
3715/3765 Z0 clip base	3715-345-000-02	A	2015-03-10
3715/3765 switch boot	3715-961-CLR	A	2015-03-31
3710 clear lens	3715-920-100	A	2014-11-17
3715/3765 overmold shroud	3715-940-CLR	A	2015-03-10
3765 nimh battery pack cat#3769	3763-302-000	D	2020-03-30
2000 mah nimh "AA" rechargeable battery	3763-302-000-01	A	2015-03-10
Polyswitch, 3765 battery pack	3763-301-000-08	A	2012-01-15
Molded approval insert, 3765 zone 0	3765-002-Z0	C	2022-07-18
3765 Z0 light assembly	3765-022-CLRE-Z0	E	2019-12-10
3765 Z0, decal	3765-365-000E	C	2021-06-22

Description	Drawing number	Revision	Date
3765 zone 0, main housing	3765-950-CLRE-Z0	A	2019-07-15
3765 charger	3765-305-002	B	2022-02-15
3765 charger, side pcba	3765-325-002-014	A	2015-06-02
3763 charger, main pcba	3765-305-002-018	A	2015-06-02
3765Z0 instruction manual	3765-318-505	A	03-2023