



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEx EXV 17.0007X Issue No: 0 Certificate history:  
Issue No. 0 (2017-04-26)

Status: **Current** Page 1 of 4

Date of Issue: **2017-04-26**

Applicant: **Pelican Products Inc**  
23215 Early Avenue  
Torrance  
CA 90505  
**United States of America**

Equipment: **9455 Remote Area Lighting System**  
*Optional accessory:*

Type of Protection: **Intrinsic safe level "ia"**

Marking: Ex ia op is IIC T4 Ga

*Approved for issue on behalf of the IECEx  
Certification Body:*

S L D'Henin

*Position:*

Certification Manager

*Signature:  
(for printed version)*

*Date:*

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 the [Official IECEx Website](http://www.iecex.com).

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 Avenue  
Torrance  
CA 90505  
**United States of America**

Additional Manufacturing location(s):

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 electrical apparatus 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:

<b>IEC 60079-0 : 2011</b> Edition:6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-11 : 2011</b> Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
<b>IEC 60079-26 : 2014-10</b> Edition:3.0	Explosive atmospheres – Part 26: Equipment with Equipment Protection Level (EPL) Ga
<b>IEC 60079-28 : 2015</b> Edition:2	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation

*This Certificate **does not** indicate compliance with electrical 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/ExTR17.0009/00](#)

Quality Assessment Report:

[GB/FME/QAR08.0002/08](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

Remote Area Lighting System 9455 comprised of non-metallic anti-static main enclosure, the light head and its pole are made in aluminium. In the light head is situated the Light Engine Board that includes the LED's and their protective circuit. In the main enclosure is situated a rechargeable battery pack, the Charger Protection Board and its secondary enclosure, the internal cabling and a plug for connection to an external charger (non-powered in hazardous location).

Charger input rating:

Um = 14.4 V

### SPECIFIC CONDITIONS OF USE: YES as shown below:

- The Light Head and its pole are made in aluminium and represent an ignition hazard, avoid risk of mechanical impact or friction.
- Remote Area Lighting System 9455 shall be charged only in safe area, charging in explosive atmospheres invalidates this certification.
- The lens is coated to avoid risks of electrostatics charges, refer to the user manual for information about periodic inspections and services on this part.



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**Additional information:**

**Annex:**

[IECEX EXV 17.0007X - Certificate Annex.pdf](#)

<b>Description Continued:</b>
N/A

<b>Routine Tests:</b>
N/A

<b>Special Conditions for manufacture:</b>
N/A

<b>Manufacturer's documents:</b>			
Title:	Drawing No.:	Rev	Date:
9455 Main Assy – BOM Drawing	009455-000-245 (E)	C	2017/04/12
CPC Cable Gland Cover, 9455	009455-2063-000	D	2017/02/28
Battery Sealing Gland B, 9455	009455-2099-000	A	2016/10/25
Light Head Spacer, ATEX – 9455	009455-2407-110	C	2017/02/10
Pole Assy, 2 Section, 9455, ATEX	009455-2489-000	B	2017/01/26
Coiled Cable Assy, 9455	009455-3097-000	K	2017/01/09
NiMH Battery Pack, Raw 9455	009455-3520-000	G	2017/04/20
Battery Loom, 9455	009455-3520-000A	B	2017/04/18
Lamp Head Assy ATEX, Heat Sink, BLK – 9455	009455-3554-110	B	2017/01/04
Head Heat Sink, 9455	009455-3554-110A	K	2017/04/12
Gasket, Lamp Head 9455	009455-3554-110B	B	2017/02/20
Bezel, 9455 Lamphead	009455-3554-110C	C	2017/01/26
Bezel Inner, Lamphead, 9455	009455-3554-110D	C	2017/02/20
Thermal Interface, 9455 Lamphead	009455-3554-110E	C	2017/02/27
Antistatic Lens, 9455	009455-3554-110F	A	2016/12/19
Light Engine, 9455	009455-3554-110G	N	2017/03/23
Lens Gasket, 9455	009455-3554-110J	C	2017/02/20
CPC PCB, 9455	009455-3600-000	J	2017/02/27
Potted Fuse, CPC – 9455	009455-3600-000A	A	2017/02/16
CPC Housing Front, Rear & Gasket, 9455	009455-3650-000	C	2016/12/20
CPC Housing, 9455	009455-3650-000A	F	2017/03/21
CPC Cover Plate, 9455	009455-3650-000B	F	2017/03/21
CPC Gasket, 9455	009455-3650-000C	D	2017/01/26
Serial Number Plate, ATEX, US – 9455	009455-5077-000	C	2017/04/20
Serial No. Label Artwork, Pelican – 9455	009455-5078-000	D	2017/04/05
Bottom Moulding Black ATEX, 9455	009455-6042-110	A	2016/12/21
Top Mould, Yellow ATEX Gland Insert	009455-6043-245	A	2016/12/21
9455 Top Moulding Pad Print - Pelican	009455-6044-245	A	2016/12/20

<b>Manufacturer's documents:</b>			
Title:	Drawing No.:	Rev	Date:
9455 Top Moulding Pad Print - Peli	009455-6044-245E	A	2016/12/20
Pole Bracket Assy, ATEX, BLK – 9455	009455-6240-110	F	2017/03/21
Light Head Bracket Assembly 9460_70	009466-3556-000	06	2017/04/18
Peli 9455 User Manual	009455-5510-000E	7	-
Pelican 9455 User Manual	009455-5510-000	7	-

