



# Epsilon

## 1 EC - Type Examination Certificate

2 Equipment intended for use in potentially explosive atmospheres

3 Certificate Number: EPSILON 07 ATEX 2280X

4 Equipment: LED Flashlight, L1 1930 LED Zone 0

5 Manufacturer: Peli Products S.A.

6 Address: C/Casp, 33-B, Pral 08010 Barcelona Spain.

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

8 Epsilon, Notified Body number 1712 in accordance with Article 9 of the Council directive 94/9/EC of 23 March 1994, 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

The examination and test results are recorded in confidential report no RETS(A)2569/A/1

9 Compliance with the applicable Essential Health and Safety Requirements has been assured by compliance with:

BS EN60079-0:2006, BS EN60079-11:2007, BS EN60079-26:2004

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 EC-Type Examination Certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by the certificate.

12 The marking of the equipment shall include the following:



II 1 G Ex ia IIC T6/T4( -40°C ≤Ta≤+60°C)



On behalf of Epsilon

S Clarke  
Director

Date: 24 September 2007



### 13 **Schedule**

14 Certificate Number: EPSILON 07 ATEX 2280X

### 15 Description of Equipment or protective system

The equipment is an LED flashlight type: L1 1930 LED Zone 0. It is constructed using a conductive plastic, uses four 1.5V batteries size LR44. The light source is an LED-Light Emitting diode. The following battery types are permitted:

<u>Battery Type</u>	<u>Hazardous area Coding</u>
Panasonic LR14	Ex ia IIC T4 ( -40°C Tamb 60°C)
Philips A76	Ex ia IIC T4 ( -40°C Tamb 60°C)
Energizer® LR 44	Ex ia IIC T6 ( -40°C Tamb 60°C)
Vinnic LR 44	Ex ia IIC T6 ( -40°C Tamb 60°C)
Duracell type LR 44	Ex ia IIC T6 ( -40°C Tamb 60°C)

### 16 Descriptive Documents

16.1 Report No: RETS(A)2569/A/1

16.2 Drawings:

Document No.	Sheets	Document Title	Issue	Date (mm/dd/yyyy)
1931-948-111	1 of 1	Body Zone 0 1930 Led Light	B	06/13/2005
1931-949-111	1 of 1	Approval Drawing 1930 Zone 1	A	09/04/2007
1930-000-Z0	1 of 1	CE Zone 0 Approval engravings 1930 L1 Insert (Epsilon)	PR	09/05/2007
1930-020-000	1 of 1	1930 LED Zone 0 Lights Assembly	B	09/25/2001
1933-920-100	1 of 1	Lens 1930 LED Light	B	02/02/2001
1936-350-CLR	1 to 2	Battery tray, switch and LED assembly	E	09/06/2007

### 17 Conditions of Certification

#### 17.1 Special Conditions for Safe Use

Use only Energizer®, Vinnic, Duracell, Panasonic or Philips type LR 44 batteries.

#### 17.2 Conditions for Use *None*

### 18 Essential Health and Safety Requirements

Essential Health and Safety Requirements not covered by section 9:  
Are covered by manufacturer's instructions.

The manufacturer shall inform the notified body of any modifications to the design of the product described by this schedule