

EU TYPE-EXAMINATION CERTIFICATE

EU type-examination Certificate (Module B)

Equipment or Protective System intended for use in potentially explosive atmospheres
(Directive 2014/34/EU)



EU type examination certificate Nr **ITS13ATEX27838X R.0**

Product: Portable LED Intrinsically Safe Headlamp (XPP-5456G and XPP-5458G)

Manufacturer: Bayco Products, Inc.

Applicant: Bayco Products, Inc.

Address: 640 Sanden Blvd
Wylie, TX 75098
USA

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Wylie, TX 75098
USA

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

INTERTEK ITALIA S.p.A., Notified Body n° 2575 in accordance with article 17 of the Directive 2014/34/EU of the European Parliament and Council of the 26 February 2014, certifies that the equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective system intended for use in potentially explosive atmosphere, given in Annex II of the Directive.

The examination and tests results are recorded in confidential technical evaluation Intertek Report Nr. 104092972DAL-005

Compliance with the Essential Health and Safety Requirements has been assured by compliance with standards EN IEC 60079-0:2018 and EN 60079-11:2012 except in respect of those requirements referred to at item 16 of the Schedule.

If the sign X is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use specified in the schedule to this certificate.

This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

The marking of the product shall include the following:



I M1

Ex ia Ma

II 1 G Ex ia IIC T3 Ga

-20°C ≤ Ta ≤ +40°C

06 October 2022

Certificate issue date

Todd L. Relyea
Certification Officer
Intertek Italia S.p.A. (NB 2575)



PDR N° 277B

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC

Signatory of EA, IAF and ILAC Mutual Recognition Agreements

This certificate has been issued by Intertek Italia S.p.A. NB 2575 on transfer from Intertek Testing & Certification Ltd. (NB 0359) using the same issued original certificate number.



This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

Intertek Italia S.p.A. Via Miglioli, 2/A - 20063 Cernusco sul Naviglio, Milano - Italy

LFT-EMEA-IT-ATEX-OP-23a (8 March 2022)



SCHEDULE

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13. DESCRIPTION OF THE EQUIPMENT OR PROTECTIVE SYSTEM

The product covered by this report is a portable LED flashlight and a floodlight in one enclosure. The user can operate either light independently of the other so that the user has the appropriate pattern of light for whatever the task at hand is. In dual-light mode, both lights can be turned on simultaneously. The Nightstick consists of four printed circuit boards, and has two separate compartments, a battery box, and the lighting box. The printed circuit boards and components are mechanically captive by the design of the housing. After properly inserting the three AA alkaline batteries, the assembly is mechanically locked via a cover locking screw.

The models are identical except for the XPP-5458G has a higher lumens output, and the color of the LED floodlight is different: XPP-5456G has a red floodlight and the XPP-5458G has a green floodlight.

14. DRAWINGS AND DOCUMENTS

TITLE	DOCUMENT Nr	LEVEL	DATE
*5456/58 I.S. LED Multi-Function Head Lamp General Top Level Design File (Total Sheet(s)=1)	5456-58-GENL-MAST-00	C	10/02/2019
*5456/58 I.S. LED Multi-Function Head Lamp Certification Master Design File (Total Sheet(s)=4)	5456-58-CERT-MAST-00	C	10/02/2019
*5456/58 I.S. LED Multi-Function Head Lamp Electrical Master Design File (Total Sheet(s)=39)	5456-58-ELEC-MAST-00	C	10/02/2019
5456/58 I.S. LED Multi-Function Head Lamp Mechanical Master File (Total Sheet(s)=6)	5456-58-MECH-MAST-00	B	08/20/2013

*Note: An * is included before the title of documents that are new or revised.*

Copies of the above listed documents are kept at Intertek Italia S.p.A. archive.

15. SPECIFIC CONDITIONS OF USE

- Product covered under this report to be used only with three AA cells in series, types Duracell PC1500, Energizer EN91, or Energizer Lithium L91.
- See Instruction manual for warnings.

16. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS

The relevant Essential Health and Safety Requirements have been identified and assessed in Intertek Intertek Report: 104092972DAL-011 Dated: December 06, 2021.

17. ROUTINE (FACTORY) TESTS

None



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18. DETAIL OF CERTIFICATE CHANGES

R.0 Changes:

- Initial release by Intertek Italia S.p.A. NB 2575 based on the assessment performed on December 2021 and on the certificate legal ownership transferred from Intertek Testing & Certification Ltd. (NB 0359); the same issued original certificate number is used.
- Alternate LED model GW PUSRA1.PM-N4N6-XX51-1-700-R18 (could be N3N5 instead of N4N6 as the difference is in the Luminous Flux) has been added.
- Update polymer from RTP 2599 X 123981 to RTP 2599 X 133889.
- Standard EN 60079-0:2012 has been updated to EN 60079-0:2018.
- Standard EN 50303:2000 has been removed.
- Updated ATEX directive; In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20 April 2016.