

EU TYPE-EXAMINATION CERTIFICATE

1. EU type-examination Certificate (Module B)
2. Equipment or Protective System intended for use in potentially explosive atmospheres (Directive 2014/34/EU)



3. EU type examination certificate Nr **ITS16ATEX201022X R.1**

4. **Product:** I.S. LED Rechargeable Dual Task Light (XPP-5522GMX)

5. **Manufacturer:** Bayco Products, Inc. **Applicant:** Bayco Products, Inc.

6. **Address:** 640 Sanden Blvd
Wylie, TX 75098
USA **Address:** 640 Sanden Blvd
Wylie, TX 75098
USA

7. This product and any acceptable variation thereto are specified in the schedule to this certificate and therein referred to.
8. 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-023.
9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with standards EN IEC 60079-0:2018, EN 60079-11:2012 and EN 60079-28:2015 except in respect of those requirements referred to at item 16 of the Schedule.
10. If the sign X is placed after the certificate number, it indicates that the product 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 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.

12. The marking of the product shall include the following:



II 1 G
Ex ia op is IIC T3 Ga
-10°C ≤ Ta ≤ +40°C

26 September 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 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

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13. DESCRIPTION OF THE EQUIPMENT OR PROTECTIVE SYSTEM

The product covered by this certificate is a portable I.S. Dual-Light Rechargeable Flashlight. It consists of a flashlight and a floodlight. The user can operate either light independent of the other so that the user has the appropriate pattern of light for whatever the task at hand is. Both lights can also be turned on simultaneously in a dual-light mode. The Nightstick dual task light is powered by one rechargeable lithium battery of 3.8V (Samsung ICR18650-26F) which is inside a battery pack. Battery is the only source of power to the dual task light. Battery is charged using a charging station in a non-hazardous area. Charging station is not a part of evaluation and there are appropriate warnings that state that the product shall be charged in the non-hazardous area.

The entity parameters of the charging contacts of the flashlight are as follows:

$U_i = 4.75V$, $I_i = 500mA$, $L_i = 0.0 \mu H$, $C_i = 0.0 \mu F$, $P_i = 0.59W$

CE Marking shall be accompanied by the identification number of the Notified Body responsible for surveillance of production.

14. DRAWINGS AND DOCUMENTS

TITLE	DOCUMENT Nr	LEVEL	DATE
*Certification Master Design File(Total sheets=3)	5522-CERT-DWG1-01	C	10/01/2019
*Electrical Master Design File (Total sheets = 10)	5522-ELEC-DWG1-01	C	10/01/2019
Mechanical Master Design File (Total sheets=8)	5522-MECH-DWG1-01	B	01/30/2017

*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. SPECIAL CONDITIONS FOR SAFE USE

- The capacitance measure on two magnets and side clip exceeds 3pF for Group IIC. Following are the values of measured capacitance. The user shall determine the suitability of the equipment in the end application.

Metal Part	Measured Capacitance in pF
Magnet on the base of enclosure	4.03
Magnet on the side of enclosure	3.1
Side Clip on enclosure	4.3

16. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS



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The relevant essential Health and Safety Requirements have been identified and assessed in Intertek Report Nr. 104092972DAL-023 dated December 06, 2021.

17. ROUTINE (FACTORY) TESTS

- None

18. DETAIL OF CERTIFICATE CHANGES

Issue 1:

Model XPP-5522GMX has been added where the suffix 'X' denotes that the product has a black bezel and black clip rather than the green bezel and green clip from the original model. No other changes have been made to the product.

Title:	Drawing No.:	Rev. Level:	Date:
Top Level Design File (Total sheets = 1)	5522-GENL-MAST-00	B	01/30/2017
Certification Master Design File (Total sheets=3)	5522-CERT-DWG1-01	B	01/30/2017
Electrical Master Design File (Total sheets = 10)	5522-ELEC-DWG1-01	B	01/30/2017
Mechanical Master Design File (Total sheets=8)	5522-MECH-DWG1-01	B	01/30/2017

R.0:

Transfer to Italy, no changes.

R.1:

- 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.
- Standard EN 60079-0: 2012 has been updated to EN 60079-0: 2018.
- XPR-5522GM model has been removed.
- Update polymer from RTP 2599 X 123981 to RTP 2599 X 133889.