


UK-TYPE EXAMINATION CERTIFICATE

Product or Protective Systems Intended for Use in Potentially Explosive Atmospheres


UKSI 2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1

- UK-Type Examination Certificate Number:** ITS21UKEX0265X **Issue 00**
- Product:** Portable LED Intrinsically Safe Headlamp (XPP-5456G and XPP-5458G)
- Manufacturer:** Bayco Products, Inc.
- Address:** 640 Sanden Blvd
Wylie, TX 75098
USA
- This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- Intertek Testing and Certification Limited, Approved Body number 0359, in accordance with Regulation 42 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended by UKSI 2019:696), certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations.
The examination and test results are recorded in the confidential report **104092972DAL-011**.
- 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 within item 14 of the Schedule.
- If the sign “X” is placed after the certificate number, it indicates that the product is subject to the special conditions of use specified in the Schedule to this certificate.
- This UK-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Regulations 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

Certification Officer:


Todd L. Relyea

Date:

21 July 2022

SCHEDULE:

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11. Description of Product 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.

12. Report Number

Intertek Report: 104092972DAL-011 Dated: December 05, 2021.

13. Special Conditions of Certification

(a). Special 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.

(b). Conditions of Manufacture - Routine Tests

None.

14. Essential Health and Safety Requirements (EHSRs)

The relevant Essential Health and Safety Requirements (EHSRs) have been identified and assessed in Intertek Report: 104092972DAL-011 Dated: December 05, 2021.

15. Drawings and Documents

Title:	Drawing No.:	Rev. 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	C	10/02/2019