



[1] **UNITED KINGDOM CONFORMITY ASSESSMENT**
UK-TYPE EXAMINATION CERTIFICATE

[2] **Product or Protective System Intended for use in Potentially Explosive Atmospheres**
UKSI 2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1

[3] UK-Type Examination Certificate No.: **UL22UKEX2430 Rev. 0**

[4] Product: **Headlight, Model Nightstick XPR-5562GX**

[5] Manufacturer: **Bayco Products, Inc.**

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

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

[8] UL International (UK) Ltd, Approved Body number 0843, in accordance with Regulation 44 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 **US/UL/ExTR20.0037/01**.

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

EN IEC 60079-0:2018 EN 60079-11:2012 EN 60079-28:2015

Except in respect of those requirements listed at section 19 of the schedule to this certificate.

[10] If the sign “X” is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the Schedule to this certificate.

[11] 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.

[12] The marking of the product shall include the following:

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Certification Officer
Andrew Moffat

This is to certify that the sample(s) of the Product described herein (“Certified Product”) has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the UKEx Product Certification Program Requirements. This certificate and test results obtained apply only to the product sample(s) submitted by the Manufacturer. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured product. UL has not established Follow-Up Service or other surveillance of the product. The Manufacturer is solely and fully responsible for conformity of all product to all applicable Standards, specifications, requirements or Regulations. The test results may not be used, in whole or in part, in any other document without UL’s prior written approval.

Date of issue: 2022-08-22

Approved Body UL International (UK) Ltd Unit 1-3 Horizon Kingsland Business Park Wade Road, Basingstoke RG24 8AH, UK
Phone : +44 (0)1256 312100

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[15] Description of Product

Model Nightstick XPR-5562GX is an intrinsically safe LED headlight containing two LEDs, which is powered by one rechargeable Li-ion battery pack Part No. 5562-BATT. The device contains two non-metallic enclosures which contains three printed circuit boards connected by a cable, two black push buttons and a headband.

Temperature range

The ambient temperature range is -20 °C to +40 °C.

Electrical data

Intrinsically safe specifications:

U_m : 4.2 V

Routine tests

None.

[16] Test Report No. (associated with this certificate issue)

The test report no. is provided under item no. [8] on page 1 of this UK-Type Examination Certificate.

[17] Specific conditions of use:

None.

[18] Conditions of certification:

None.

[19] Essential Health and Safety Requirements (Regulations Schedule 1)

In addition to the Essential Health and Safety Requirements covered by the standards listed at item 9, all other requirements are demonstrated in the relevant reports.

Additional information

The Model Nightstick XPR-5562GX has in addition passed the tests for Ingress Protection to IP20 in accordance with EN60529:1991+A1:2000+A2:2013.

The manufacturer shall inform the approved body concerning all modifications to the technical documentation as described in Annex III to UKSI 2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1.

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Drawings and Documents

Title:	Drawing No.:	Rev. Level:	Date:
Instruction Manual	INS-XPR-5562-DL-22	-	2022-06-20
5562 IS Multi-Function Angle Light General Top Level Design File	5562-GENL-MAST-01	B	2022-05-24
5562 IS Multi-Function Helmet Light Mechanical Cover Sheet	5562-MECH-DWG1-01	B	2020-05-06
5562-BATT Chemical General Assembly, Battery Pack	5562-CHEM-DWG1-01	A	2015-04-10