



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.:	<b>IECEX ETL 13.0025X</b>	Page 1 of 4	<u>Certificate history:</u>
Status:	<b>Current</b>	Issue No: 3	Issue 2 (2020-10-26)
Date of Issue:	2021-12-15		Issue 1 (2015-06-30)
Applicant:	<b>Bayco Products, Inc</b> 640 S. Sanden Blvd, Wylie, TX, 75098 <b>United States of America</b>		Issue 0 (2014-03-24)
Equipment:	<b>Portable LED Intrinsically Safe Headlamp</b>		
Optional accessory:			
Type of Protection:	<b>Intrinsic Safety 'ia'</b>		
Marking:	Ex ia I Ma; Ex ia IIC T3 Ga Tamb: -20°C to +40°C IECEX ETL 13.0025X		

Approved for issue on behalf of the IECEx  
Certification Body:

**Todd L. Relyea**

Position:

**Certification Officer**

Signature:  
(for printed version)

Date:  
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**Intertek**  
3933 US Route 11 South  
Cortland NY 13045-2995  
United States of America

**intertek**



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Manufacturer: **Bayco Products, Inc**  
640 S. Sanden Blvd, Wylie, TX, 75098  
**United States of America**

Manufacturing  
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

## STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

[IEC 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition:6.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

## TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

[US/ETL/ExTR13.0030/00](#)

[US/ETL/ExTR13.0030/01](#)

[US/ETL/ExTR13.0030/02](#)

Quality Assessment Report:

[GB/ITS/QAR13.0005/08](#)



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

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.

Model Similarity: 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.

Ratings: 4.5 V nominal, powered by three AA cells in series, types Duracell PC1500, Energizer EN91, or Energizer Lithium L91.

## **SPECIFIC CONDITIONS OF USE: YES as shown below:**

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



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## **DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)**

- 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 IEC 60079-26: 2006 has been removed.

## **Annex:**

[Annex for IECEx Certificate of Conformity - IECEX ETL 13.0025X.pdf](#)



# Annex to IECEx Certificate of Conformity

<b>Certificate No:</b>	<b>IECEX ETL 13.0025X</b>	<b>Issue No. 3</b>
<b>Annex No. 1</b>		

<b>Technical Documents</b>			
<b>Title:</b>	<b>Drawing No.:</b>	<b>Rev. Level:</b>	<b>Date:</b>
*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

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



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<b>Annex No. 1</b>		

<b>IECEx Certified Components on Which Conformance Depends</b>
NA

<b>Required Manufacturer Routine Testing</b>
NA