



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

Certificate No.: **IECEX UL 17.0082** Page 1 of 4 [Certificate history:](#)
Status: **Current** Issue No: 2 [Issue 1 \(2019-08-15\)](#)
[Issue 0 \(2017-11-03\)](#)
Date of Issue: 2020-01-31
Applicant: **Bayco Products, Inc.**
640 S. Sanden Blvd.
Wylie, TX 75098
United States of America
Equipment: **Multifunctional Angle Light, Models Nightstick XPP-5566 and Nightstick XPR-5568**
Optional accessory:
Type of Protection: **Intrinsic Safety "ia" and Optical Radiation "op is"**
Marking: Ex ia op is I Ma
Ex ia op is IIC T4 Ga
-20°C ≤ Tamb ≤ + 40°C

Approved for issue on behalf of the IECEx
Certification Body:

Katy A. Holdredge

Position:

Senior Staff Engineer

Signature:
(for printed version)

Date:

2020-01-31

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 or use of this QR Code.



Certificate issued by:

UL LLC
333 Pfingsten Road
Northbrook IL 60062-2096
United States of America





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

Additional
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 60079-0:2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

IEC 60079-28:2015 Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation
Edition:2

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/UL/ExTR17.0093/00](#)

[US/UL/ExTR17.0093/01](#)

[US/UL/ExTR17.0093/02](#)

Quality Assessment Report:

[GB/ITS/QAR13.0005/06](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The devices are multifunction flashlights that are portable and powered by either a rechargeable battery pack Nightstick 5568-BATT, or with Nightstick 5566-Carrier containing three primary cells Energizer EN91 or E91. The device is provided in either red or green both with a metal belt clip, clear lens, black pushbuttons and articulating head.

Please see Annex for additional information.

SPECIFIC CONDITIONS OF USE: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Issue 1: Updated temperature code. Revised design of rechargeable packs for Model 5568.

Issue 2: Manufacturer submitted documentation for an alternate component.

Annex:

[Annex to IECEx UL 17.0082 Issue 2.pdf](#)



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TYPE DESIGNATION

Nomenclature:

XP	P	-556	6	G	X
I	II	III	IV	V	VI

- I - Basic Model
- II - P or R
- III = 556
- IV - 6 (only with suffix P) or 8 (only with suffix R)
- V - G for Green or R for Red color
- VI - blank or X indicating strobe functionality

PARAMETERS RELATING TO THE SAFETY

1.5V/Cell Alkaline Energizer EN91 or E91, 3.7V/Cell Li-ion, IP 67, Um = 10V

MARKING

Marking has to be readable and indelible; it has to include the following indications:

Bayco Products, Inc. XPP-5566
640 S. Sanden Blvd., Wylie, TX 75098



Ex ia FLASHLIGHT FOR USE IN HAZARDOUS LOCATIONS

For use with Bayco Li-ion Battery Pack 5568-BATT or 5566-CARRIER with 3 AA Energizer Type EN91 or E91 batteries only

E 467756
ID 4003544

ELECTRICAL SAFETY
INTRINSICALLY SAFE
SECURITE INTRINSEQUE



Control Drawing: 5568-CERT-DWG1-03

For Battery Charger Connection see Instruction Manual Drawing: 5562-68-MECH-DWG1-09

CLASS I DIV 1 GRPS A-D T4
 CLASS II & III DIV1 GRPS E-G T135°C
 CLASS I ZONE 0 AEx ia IIC T4 Ga
 Ⓢ I M1 Ex ia op is I Ma
 Ⓢ II 1 G Ex ia op is IIC T4 Ga

Ex ia op is I Ma
 Ex ia op is IIC T4 Ga
 DEMKO 17 ATEX 1927
 IECEx UL 17.0082
 -20°C ≤ Tamb ≤ +40°C
 1.5V/Cell Alkaline
 3.7V/Cell Li-ion
 IP-67
 Um: 10V

SEE INSTRUCTION MANUAL
VOIR MANUEL

MFG MM-YY



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Bayco Products, Inc. XPR-5568
640 S. Sanden Blvd., Wylie, TX 75098



E 467756
ID 4003544
ELECTRICAL SAFETY
INTRINSICALLY SAFE
SECURITE INTRINSEQUE



Control Drawing: 5568-CERT-DWG1-03

For Battery Charger Connection see Instruction
Manual Drawing: 5562-68-MECH-DWG1-09

SEE INSTRUCTION MANUAL
VOIR MANUEL

Ex ia FLASHLIGHT FOR USE IN HAZARDOUS LOCATIONS
For use with Bayco Li-ion Battery Pack 5568-BATT or
5566-CARRIER with 3 AA Energizer Type EN91 or E91
batteries only

CLASS I DIV 1 GRPS A-D T4
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MFG MM-YY