



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 ITS 18.0005X** Page 1 of 4 [Certificate history:](#)
Issue 0 (2018-01-24)

Status: **Current** Issue No: 1

Date of Issue: 2023-01-12

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

Equipment: **Portable Intrinsically Safe LED Dual-light Flashlight - Type XPP-5414GX**

Optional accessory:

Type of Protection: **Intrinsic Safety "i", Optical Radiation "op is"**

Marking: Ex ia op is IIC T3 Ga
-20°C ≤ Ta ≤ +40°C
IECEX ITS 18.0005X

Approved for issue on behalf of the IECEx
Certification Body:

Mark Newman

Position:

Certificate 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 or use of this QR Code.



Certificate issued by:

Intertek Testing & Certification Limited
ITS House, Cleeve Road
Leatherhead
Surrey, KT22 7SA
United Kingdom



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Date of issue: 2023-01-12

Issue No: 1

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

Manufacturing locations: **Bayco Products, Inc.**
640 S. Sanden Blvd., Wylie, TX 75098,
U.S.A.
United States of America

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

[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 Report:

[GB/ITS/ExTR22.0031/00](#)

Quality Assessment Report:

[GB/ITS/QAR13.0005/09](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The product is a portable intrinsically safe Dual-Light Flashlight, consisting 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 the intended use. Both lights can also be turned on simultaneously in a dual-light mode. The flashlight is powered by two AA Alkaline Cells. XPP-5414GX – Green enclosure color

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. XPP-5414GX model is to be used only with two AA cells in series, types Energizer E91, or Energizer EN91.
2. See Instructions 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.
- XPP-5414RX model has been removed.
- Standard IEC 60079-0: 2011 has been updated to IEC 60079-0: 2017

Annex:

[Annex for IECEx Certificate of Conformity - IECEx ITS 18.0005X.pdf](#)



Annex to IECEx Certificate of Conformity

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Technical Documents			
Title:	Drawing No.:	Rev. Level:	Date:
*5414 IS MULTI-FUNCTION ANGLE LIGHT GENERAL TOP LEVEL DESIGN FILE	5414-GENL-MAST-01	B	10/01/19
*5414 IS MULTI-FUNCTION ANGLE LIGHT CERTIFICATION	5414-CEDRT-DWG1-01	B	10/01/19
*5414 IS MULTI-FUNCTION ANGLE LIGHT ELECTRICAL MASTER DESIGN FILE	5414-ELEC-DWG1-01	B	10/01/19
*5414 IS MULTI-FUNCTION ANGLE LIGHT ELECTRICAL TOP LEVEL SCHEMATIC	5414-ELEC-DWG1-02	B	10/01/19
*5414 IS MULTI-FUNCTION ANGLE LIGHT ELECTRICAL PCB1 SCHEMATIC	5414-ELEC-DWG1-03	B	10/01/19
*5414 IS MULTI-FUNCTION ANGLE LIGHT ELECTRICAL FLASH PCB2 SCHEMATIC	5414-ELEC-DWG1-04	B	10/01/19
*5414 IS MULTI-FUNCTION ANGLE LIGHT ELECTRICAL FLOOD PCB3 SCHEMATIC	5414-ELEC-DWG1-05	B	10/01/19
*5414 IS MULTI-FUNCTION ANGLE LIGHT ELECTRICAL BLOCK DIAGRAM	5414-ELEC-DWG1-06	B	10/01/19
*5414 IS MULTI-FUNCTION ANGLE LIGHT ELECTRICAL PCB LAYOUT FILES	5414-ELEC-DWG1-07	B	10/01/19
*5414 IS MULTI-FUNCTION ANGLE LIGHT ELECTRICAL ENCAPSULATE	5414-ELEC-DWG1-08	B	10/01/19
*5414 IS MULTI-FUNCTION ANGLE LIGHT ELECTRICAL FUSE ENCAPSULATION	5414-ELEC-DWG1-09	B	10/01/19
*5414 IS MULTI-FUNCTION ANGLE LIGHT ELECTRICAL CERTIFICATION MARK	5414-ELEC-DWG1-10	B	10/01/19
5414 IS IS NON-RECHARGEABLE 2 AA MECHANICAL GENERAL ASSEMBLY, LIGHT	5414-MECH-DWG1-02	B	08/10/17
5414 IS IS NON-RECHARGEABLE 2 AA MECHANICAL GENERAL LAYOUT, LIGHT	5414-MECH-DWG1-03	B	08/10/17
5414 IS IS NON-RECHARGEABLE 2 AA MECHANICAL SPECIFICATION	5414-MECH-DWG1-04	B	08/10/17
*XPP-5414G	XPP-5414-DWG1-01 MARKING	A	07/15/2021
*Instruction Manual XPP-5414GX-K01	INS-XPP-5414GX-K01-DL-22	--	09-07-2022
*Instruction Manual XPP-5414GX	INS-XPP-5414GX-DL-22	--	09-07-2022

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SFT-IECEX-OP-19f (26 October 2018)



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



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IECEX Certified Components on Which Conformance Depends
NA

Required Manufacturer Routine Testing
NA