

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No .:	IECEx UL 17.0082	ls	sue No: 0	Certificate history: Issue No. 0 (2017-11-03)
Status:	Current			ISSUE NO. 0 (2017-11-03)
Date of Issue:	2017-11-03	Pa	age 1 of 3	
Applicant:	Bayco Products Inc. 640 S. Sanden Blvd Wylie, TX 75098 United States of America			
Equipment: <i>Optional accessory:</i>	Multifunctional Angle Light - Models Nightstick X	(PP-5566 and Nightstick XI	PR-5568	
Type of Protection:	Intrinsic Safety "ia" and Optical Radiation "op is'	,		
Marking:	Ex ia op is I Ma			
	Ex ia op is IIC T3 Ga			
	-20°C to +40°C			
Approved for issue on L Certification Body:	behalf of the IECEx	Lucy Frieders		
Position:		Staff Engineer		
Signature: (for printed version)				
Date:	-			
	-			
2. This certificate is not	chedule may only be reproduced in full. transferable and remains the property of the issu enticity of this certificate may be verified by visitin		te.	
Certificate issued by:				
	UL LLC 333 Pfingsten Road Northbrook IL 60062-2096 United States of America	U)		



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

Additional Manufacturing location(s):

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 electrical apparatus 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:

<b>IEC 60079-0 : 2011</b> Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-11 : 2011 Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-28 : 2015 Edition:2	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation

This Certificate does not indicate compliance with electrical 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:

US/UL/ExTR17.0093/00

Quality Assessment Report:

GB/ITS/QAR13.0005/04



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Schedule

#### 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

Annex:

Annex to IECEx UL 17.0082 Issue 0.pdf



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## TYPE DESIGNATION

Nomenclature:

Γ	XP	Р	-556	6	G	Х
		II		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

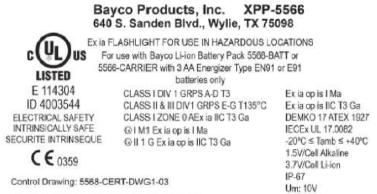
VI - blank or X indicating strobe functionality

## 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:



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

SEE INSTRUCTION MANUAL VOIR MANUEL

MFG MM-YY



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

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

CLASS II & III DIV1 GRPS E-G T135°C

CLASS I ZONE 0 AEx ia IIC T3 Ga @1 M1 Ex ia op is 1 Ma

CLASS I DIV 1 GRPS A-D T3

II 1 G Ex ia op is IIC T3 Ga

LISTED E 114304 ID 4003544 ELECTRICAL SAFETY INTRINSICALLY SAFE SECURITE INTRINSEQUE

C€0359

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 op is I Ma Ex ia op is IIC T3 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

MFG MM-YY