

# EU-TYPE EXAMINATION CERTIFICATE



[1]

[2]

## Equipment or Protective System intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

[3]

EU-Type Examination Certificate Number: **DEMKO 16 ATEX 1773 Rev. 0**

[4]

Product: **Multifunction angle light**

[5]

Manufacturer: **Bayco**

[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 Demko A/S, notified body number 0539 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.  
The examination and test results are recorded in confidential report no. **4787276143**

[9]

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

**EN 60079-0:2012+A11:2013**

**EN 60079-11:2012**

[10]

If the sign "X" is placed after the certificate number, it indicates that the product is subject to special conditions for safe use specified in the schedule to this certificate.

[11]

This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by the certificate.

[12]

The marking of the equipment or protective system shall include the following:

**II 2G Ex ia IIC T4 Gb**

### Certification Manager

Jan-Erik Storgaard

This is to certify that the sample(s) of the Equipment described herein ("Certified Equipment") has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the ATEX Equipment Certification Program Requirements. This certificate and test results obtained apply only to the equipment 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 equipment. UL has not established Follow-Up Service or other surveillance of the equipment. The Manufacturer is solely and fully responsible for conformity of all equipment to all applicable Standards, specifications, requirements or Directives. 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:** 2016-10-14

### Notified Body

UL International Demko A/S, Borupvang 5A, 2750 Ballerup, Denmark  
Tel. +45 44 85 65 65, [info.dk@ul.com](mailto:info.dk@ul.com), [www.ul.com](http://www.ul.com)



## Schedule

### EU-TYPE EXAMINATION CERTIFICATE No.

DEMKO 16 ATEX 1773 Rev. 0

[13]

[14]

[15] Description of Product

The Models Nightstick XPP-5570G, Nightstick XPP-5570R, Nightstick XPR-5572G, and Nightstick XPR-5572R are multifunction angle lights that are portable, hand-held, containing several LEDs and are powered by either an alkaline battery pack or a rechargeable Li-ion battery pack. The device is provided in either red or green both with black color bezel, clear lens, black pushbuttons and black battery pack cover.

Model Nomenclature:

Nightstick XP	I	II	III
Nightstick XP	P	5570	R

I – P for primary battery or R for rechargeable battery

II – 5570 for primary battery or 5572 for rechargeable battery

III – R for red enclosure material or G for green enclosure material

The optical radiation output of the product with respect to explosion protection, according to Annex II clause 1.3.1 of the Directive 2014/34/EU is not covered in this certificate .

Temperature range

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

Electrical data

Intrinsically safe specifications:

U<sub>m</sub> : 4.75 V

Installation instructions

- Use only the approved Nightstick 5572-BATT Lithium-ion rechargeable battery pack or the approved non-rechargeable batteries listed below.
- To prevent ignition of a hazardous atmosphere, do not open the battery compartment or attempt to exchange any of the supplied battery packs while in the hazardous environment. This task must ONLY be performed in an area known to be non-hazardous.
- To prevent ignition of a hazardous atmosphere, the approved Nightstick 5572-BATT Lithium-ion rechargeable battery pack must only be charged in an area known to be non-hazardous.
- When using non-rechargeable batteries in the Nightstick 5570-BATT, use only **Energizer EN91** or **Energizer E91** batteries.
- To prevent ignition of a hazardous atmosphere, non-rechargeable AA batteries must only be changed in an area known to be non-hazardous.
- To reduce the risk of explosion, do not mix new non-rechargeable batteries with used non-rechargeable batteries, or mix non-rechargeable batteries from different manufacturers.
- Substitution of components may impair intrinsic safety.

[16]

Descriptive Documents

The scheduled drawings are listed in the report no. provided under item no. [ 8 ] on page 1 of this EU-Type Examination Certificate.

[17]

Specific conditions of use:

None

[18]

Essential Health and Safety Requirements

The Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9.

Additional information

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in Annex III to Directive 2014/34/EU of the European Parliament and the Council of 26 February 2014.