



Compliance with relevant ASTM and ISO Standards as well as Industry Engineering specifications

Labino AB LED UV Lights	Built in White Light LED	UV Intensity at 38 cm (15") (µW/cm ²)	COMPLIES WITH ASTM E3022-2018 Standard	COMPLIES WITH Rolls-Royce RRES90061 Specification	COMPLIES WITH Airbus AITM6-1001 Testing Method	COMPLIES WITH Pratt & Whitney Requirements	COMPLIES WITH The Boeing Co Requirements	COMPLIES WITH ISO 3059-12 Standard	COMPLIES WITH USAF Requirements
GX SERIES – OVERHEAD LIGHT									
GX Orion REMOTE	✓	1 500-7 000	✓	-	-	-	-	✓	-
GX Orion UV & WH	✓	≈ 7 000	✓	✓	✓	✓	-	✓	-
GX Orion UV	-	≈ 4 500	✓	✓	✓	✓	✓	✓	✓
BB 2.0 SERIES – HANDHELD LIGHT									
BB 2.0 Helios	-	≈ 9 000	✓	-	✓	✓	-	✓	✓
BB 2.0 Ikaros	-	≈ 4 000	✓	✓	✓	✓	✓	✓	✓
BB 2.0 Artemis	-	≈ 22 000	✓	-	-	-	-	✓	-
MB 3.0 SERIES – HANDHELD LIGHT									
Hercules Ex	-	≈ 4 000	✓	✓	✓	✓	✓	✓	✓
MB 3.0 Zeus	✓	≈ 4 500	✓	✓	✓	✓	✓	✓	-
MB 3.0 Zeus with Athena	✓	≈ 4 500	✓	✓	✓	✓	✓	✓	-
MB 3.0 Hermes	-	≈ 4 500	✓	✓	✓	✓	✓	✓	✓
MB 3.0 Hermes with Athena	-	≈ 4 500	✓	✓	✓	✓	✓	✓	✓
MB 3.0 Selene	✓	≈ 9 000	✓	-	✓	✓	-	✓	-
MB 3.0 Selene with Athena	✓	≈ 9 000	✓	-	✓	✓	-	✓	-
MB 3.0 Atlas	-	≈ 9 000	✓	-	✓	✓	-	✓	✓
MB 3.0 Atlas with Athena	-	≈ 9 000	✓	-	✓	✓	-	✓	✓
MB 2.0 SERIES – FLASHLIGHT / HEADLIGHT									
UVG3 2.0 Spotlight	-	≈ 80 000	✓	-	-	-	-	✓	-
UVG3 2.0 Midlight	-	≈ 9 000	✓	-	✓	✓	-	✓	✓
UVG3 2.0 Floodlight	-	≈ 4 000	✓	✓	✓	✓	✓	✓	✓
UVG5 2.0 Spotlight	optional	≈ 80 000	✓	-	-	-	-	✓	-
UVG5 2.0 Midlight	optional	≈ 9 000	✓	-	✓	✓	-	✓	✓
UVG5 2.0 Floodlight	-	≈ 4 000	✓	✓	✓	✓	✓	✓	✓

PLEASE NOTE: The above models are in compliance with the above ASTM and ISO standards as well as industry specifications as indicated on the table above irrespective of the power source (Battery or Mains).



HERCULES EX

EXPLOSION PROOF UV INSPECTION LIGHT



**PREVENTS
LOSS OF LIFE**



**PROTECTS
YOUR ASSETS**



Hercules Ex has successfully completed all tests leading to the **ATEX certification** for Group II, Zone II (Cert. No. ITS17ATEX402144), **NFPA 70 Article 500** for Class I (divisions II locations), the **Salt Fog Test** as per military standard 810F and the **Explosive Atmosphere Test** as per military standard 810G. This unique product complies with **ASTM E3022-15**, **Rolls-Royce RRES 90061** and **Airbus AITM6-1001**.

Four UV LEDs
≈ 4 000 μW/cm²
Battery Operated
Labino Article Number: L3000

COMPLIES WITH
ASTM E3022-2015
Standard

COMPLIES WITH
Rolls-Royce RRES 90061
Specification

COMPLIES WITH
Airbus AITM6-1001
Testing Method



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 17.0056X** Page 1 of 4 Certificate history:
Status: **Current** Issue No: 2 [Issue 1 \(2018-06-11\)](#)
[Issue 0 \(2017-10-12\)](#)
Date of Issue: 2021-09-06
Applicant: **Labino AB**
Fågelsångsvägen 16
SE-186 42 Vallentuna
Sweden
Equipment: **MB Hercules Ex**
Optional accessory:
Type of Protection: **Equipment protection by type of protection 'n'**
Marking: Ex ec nC IIC T4 Gc
-20°C ≤ Tamb ≤ +40°C

Approved for issue on behalf of the IECEx
Certification Body:

Paul Moss

Position:

Certification Officer

Signature:
(for printed version)

Date:

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

intertek

TYPE-EXAMINATION CERTIFICATE



1. Type-examination Certificate (Module A)
2. Equipment or Protective System intended for use in potentially explosive atmospheres (Directive 2014/34/EU)
3. Type examination certificate Nr **ITS17ATEX402144X**
4. **Product:** MB Hercules Ex
5. **Manufacturer:** Labino AB **Applicant:** Labino AB
6. **Address:** Fågelsångsvägen 16,
186 42 Vallentuna,
Swede **Address:** Fågelsångsvägen 16,
186 42 Vallentuna,
Sweden
7. This product and any acceptable variation thereto are specified in the schedule to this certificate and therein referred to.
8. INTERTEK ITALIA S.p.A., certifies that the equipment or protective system has been found to comply with the essential Health and Safety Requirements relating to the design and construction of equipment and protective system intended for use in potentially explosive atmosphere, given in Annex II of the Directive.

The examination and tests results are recorded in confidential technical evaluation Intertek Report Nr. 104666450LHD-001, Revision 0, Dated 28 July 2021.
9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN IEC 60079-0:2018, EN IEC 60079-7:2015+A1:2018 N IEC 60079-15:2019 except in respect of those requirements referred to at item 16 of the Schedule
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 certifica
11. This 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 this certificate.
12. The marking of the product shall include the following:



II 3G Ex ec nC IIC T4 Gc
-20°C ≤ Tamb ≤ +40°C

06-Sep-2021

Certificate issue date

Paul Moss

Certification Officer
Intertek Italia S.p.A.

This certificate has been issued by Intertek Italia S.p.A. on transfer from Intertek Testing & Certification Ltd. using the same issued original certificate number.



This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

Intertek Italia S.p.A. Via Miglioli, 2/A - 20063 Cernusco sul Naviglio, Milano - Ital

LFT-EMEA-IT-ATEX-OP-23p (29 August 2019)

TYPE EXAMINATION CERTIFICATE

Product or Protective Systems Intended for Use in Potentially Explosive Atmospheres

UKSI 2016:1107 (as amend)

1. **Type Examination Certificate Number:** ITS21UKEX0249X Issue 0
2. **Product:** MB Hercules Ex
3. **Manufacturer:** Labino AB
4. **Address:** Fågelsångsvägen 16, SE-186 42 Vallentuna, Sweden.
5. This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
6. Intertek Testing and Certification Limited, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of the products intended for use in potentially explosive atmospheres given in Schedule 1 of UKSI 2016:1107 (as amended).


The examination and test results are recorded in the confidential report 104666450LHD-00

7. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN IEC 60079-0:2018, EN IEC 60079-7:2015+A1:2018 and EN IEC 60079-15:2019 except in respect of those requirements referred to within item 14 of the Schedule
8. If the sign "X" is placed after the certificate number, it indicates that the product is subject to the special conditions of use specified in the Schedule to this certificate.
9. This Type Examination Certificate relates only to the design of the specified product and not to specific items subsequently manufac
10. The marking of the product shall include the following:



II 3 G Ex ec nC IIC T4 Gc

-20°C ≤ Ta ≤ +40°C

Certification Officer: 
P Moss

Date: 06-Sep-2021