



# 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](http://www.iecex.com)

Certificate No.: **IECEX KIWA 16.0010X** Page 1 of 4 Certificate history:  
Status: **Current** Issue No: 2 [Issue 1 \(2018-11-29\)](#)  
[Issue 0 \(2017-02-16\)](#)  
Date of Issue: 2020-04-30  
Applicant: **Necplus B.V**  
Emopad 38  
5663 PB Geldrop  
**Netherlands**  
Equipment: **Portable LED luminaire, Model Ultra 1**  
Optional accessory:  
Type of Protection: **Ex i, m**  
Marking: Ex ib mb IIC T4 Gb  
Ex ib mb IIIC T135 °C Db

Approved for issue on behalf of the IECEx  
Certification Body:

**Paul van Nijen**

Position:

**Certification Officer**

Signature:  
(for printed version)

Date:

*30 April 2020*

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](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**Kiwa Nederland B.V. (Unit Kiwa ExVision)**  
Wilmersdorf 50  
7327 AC Apeldoorn  
P.O. Box 137  
Netherlands





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Certificate No.: **IECEX KIWA 16.0010X**

Page 2 of 4

Date of issue: 2020-04-30

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Manufacturer: **ARTIDOR Explosion Safety B.V.**  
Emopad 38  
5663 PB Geldrop  
The Netherlands  
**Netherlands**

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 60079-18:2017** Explosive atmospheres - Part 18: Protection by encapsulation "m"  
Edition:4.1

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:

[NL/KIWA/ExTR16.0012/00](#)

[NL/KIWA/ExTR16.0012/01](#)

[NL/KIWA/ExTR16.0012/02](#)

Quality Assessment Report:

[NL/KIWA/QAR17.0005/02](#)



# IECEx Certificate of Conformity

Certificate No.: **IECEx KIWA 16.0010X**

Page 3 of 4

Date of issue: 2020-04-30

Issue No: 2

## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

Portable LED luminaire Model Ultra 1 is a portable luminaire with non-metallic enclosure. The apparatus is intended to be supplied from an external electrical power source and it is fitted with 3 sets of LED boards behind the window.

Ambient temperature range: -20 °C to +50 °C.

Power supply:

$U_n = 24 - 48 \text{ Vac/dc}$

$U_m = 125 \text{ V}$

## **SPECIFIC CONDITIONS OF USE: YES as shown below:**

The integral cable, intended for connection to external power supply, is to be terminated using a suitable type of protection.



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Certificate No.: **IECEX KIWA 16.0010X**

Page 4 of 4

Date of issue: 2020-04-30

Issue No: 2

**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)**  
Change of applicant and manufacturer