



1 EU – Type Examination Certificate

2 Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU

3 EU – Type Examination Certificate Number: **KIWA 19ATEX0039 X Issue: 2**

4 Product: **LED Work Light, Model Ultra3**

5 Manufacturer: **Artidor Explosion Safety B.V.**

6 Address: **Emopad 38, 5663 PB Geldrop
The Netherlands**

7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Kiwa Nederland B.V., Notified Body number 0063 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the 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 ATEX Assessment Report No. No. 190601226, issue 2.

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 EN 60079-18 : 2015 + A1 : 2017

10 If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of 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 this certificate.

12 The marking of the product shall include the following:



**II 2 G Ex ib mb IIC T4 Gb
II 2 D Ex ib mb IIIC T 135 °C Db**

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Kiwa Nederland B.V.

Ron Scheepers
Management Director

Issue date:

30 April 2020

First issue:

17 July 2019

This certificate shall, as far as applicable, be revised before the date of cessation of presumption of conformity of (one of) the included standards above as communicated in the Official Journal of the European Union.

© Integral publication of this certificate in its entirety and without any change is allowed.

13 **SCHEDULE**

14 **EU – Type Examination Certificate KIWA 19ATEX0039 X Issue No. 2**

15.1 **Description of Product**

The LED Work Light Model Ultra3 is a portable luminaire with non-metallic enclosure. The main board containing the electronics circuits for the LEDs is in type of protection Encapsulation “m”, the LEDs are in type of protection Intrinsic safety “i”. The luminaire is fitted with 3 strings of each 9 LEDs in parallel.

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

15.2 **Electrical Data**

$U_n = 24 - 48 \text{ Vac/dc}$
 $U_m = 125 \text{ V}$

15.3 **Instructions**

The instructions provided with the product shall be followed in detail to assure safe operation.

16 **ATEX Assessment Report Number**

190601226, issue 2.

17 **Specific Conditions of Use**

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

18 **Essential Health and Safety Requirements**

All relevant Essential Health and Safety Requirements are covered by the standards listed at section 9.

19 **Drawings and Documents**

As listed in ATEX Assessment Report No. 190601226, issue 2.

20 **Description of Certificate Changes (for Issue 2 and above)**

Issue 2, Kiwa reference no. 200400377:
- ATEX Assessment report No. 190601226 amended, change of manufacturer.