



UNITED KINGDOM CONFORMITY ASSESSMENT

1 **UKCA UK TYPE EXAMINATION CERTIFICATE**

2 Equipment Intended for use in Potentially Explosive Atmospheres
UKSI 2016:1107 (as amended) – Schedule 3A, Part 1

3 Certificate Number: **CSAE 22UKEX1112X** Issue: **0**

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 CSA Group Testing UK Limited, Approved Body number 0518, in accordance with Regulation 42 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), 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 Schedule 1 of the Regulations. The examination and test results are recorded in the confidential reports listed in Section 14.2.

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


EN IEC 60079-0:2018 EN 60079-11:2012 EN 60079-18:2015/A1:2017

Except in respect of those requirements listed at Section 16 of the schedule to this certificate. The above standards may not appear on the UKAS Scope of Accreditation, but have been added through flexible scope of accreditation, which is available on request.

10 If the sign 'X' is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use identified in the schedule to this certificate.

11 This UK TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of this product shall be in accordance with Regulation 41 and include the following:

 II 2G Ex ib mb IIC T4 Gb
II 2D Ex ib mb IIIC T135°C Db
Ta = -20°C to +50°C

Name: Michelle Halliwell
Title: Director of Operations



SCHEDULE

UK TYPE EXAMINATION CERTIFICATE

**CSAE 22UKEX1112X
Issue 0**

13 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 LED's 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.

Electrical Data:

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

$U_m = 125 \text{ V}$

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Reports and Certificate History

Issue	Date	Report number	Comment
0	Inserted on Issue	R80118800A	The release of the prime certificate.

15 SPECIFIC CONDITIONS OF USE (denoted by X after the certificate number)

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

16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS (REGULATIONS SCHEDULE 1)

In addition to the Essential Health and Safety Requirements covered by the standards listed in Section 9, all other requirements are demonstrated in the relevant reports.

17 PRODUCTION CONTROL

17.1 Holders of this certificate are required to comply with production control requirements defined in Schedule 3A, as applicable, and CSA Group Testing UK Regulations for Certificate Holders



Certificate Annexe

Certificate Number: CSAE 22UKEX1112X
Product: LED Work Light, Model Ultra3
Manufacturer: Artidor Explosion Safety B.V.

Issue 0

Drawing	Sheets	Rev.	Date (Stamp)	Title
ATEX-EXD-ULTRA3-Ex	1 to 19	2	12-07-2019	Ex Description
AS190618-01	1 of 1	A	10-07-2019	ULTRA3 LED Work Light
171218-001	1 of 1	6	6-7-2018	Front
171218-003	1 of 1	6	6-7-2018	Kap
ATEX-BOM-200487	1 of 1	-	12-10-2018	Ultra2 LED Board BOM
ATEX-ASY-200487	1 & 2	0	10-10-2018	Ultra2 LED Board PCB Assembly
ATEX-SCH-120487	1 of 1	0	26-04-2018	Ultra2 LED Board TOP Level
ATEX-PCB-120487	1 to 3	0	10-10-2018	Ultra2 LED Board PCB Specification
ATEX-SCH-120480	1 to 4	3	22-07-2016	Ultra1 Main Board Input Stage and Buck
ATEX-PCB-120480	1 to 9	0	28-07-2016	Ultra1 Main Board PCB Specification
ATEX-BOM-200480	1 to 5	-	28-07-2016	Ultra1 Main Board BOM
ATEX-IMS-ULTRA3-EX	1 to 3	3	29 Mar 22	Ultra3 Installation Manual Specification
ATEX-MCH-ULTRA3-EX	1 of 1	3	29 Mar 22	Ultra3 Type Identification Plate



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