

[1]

EU-TYPE EXAMINATION CERTIFICATE

[2] Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014

[3] EU-Type Examination Certificate Number: **DNV 25 ATEX 47920X** **Issue 0**

[4] Product: **Explosion-Proof Mobile Lighting Equipment (Area Lights)**

[5] Manufacturer: **Shenzhen Goaltek Electric Co., Ltd.**

[6] Address: **1901, Building 1, COFCO Yunjing Plaza, Intersection of Songbai Road and Chuangwei Road, Gongming Street, Guangming New District, Shenzhen, China**

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

[8] DNV Product Assurance AS, notified body number 2460, 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 reports listed in item 16.



[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with: **EN IEC 60079-0:2018, EN 60079-7:2015+A1:2018, EN 60079-11:2012, EN 60079-18:2015+A1:2017, EN 60079-31:2014.**

Where additional criteria beyond those given here have been used, they are listed at item 18 in the Schedule.

[10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to the "Specific Conditions of Use" listed under item 17 of this certificate.

[11] This EU-TYPE EXAMINATION CERTIFICATE relates only to the technical design of the specified product in accordance to the Directive 2014/34/EU. 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 eb ib mb IIC T4 Gb**
 **II 2 D Ex tb IIIC T130°C Db**



Date of issue:
2025-07-02



Asle Kaastad
For DNV Product Assurance AS
The Certificate has been digitally signed.

[13] **Schedule**

[14] **EU-Type Examination Certificate No.:** DNV 25 ATEX 47920X Issue 0

[15] **Description of Product**

The ExMP80R or ExMP81R Ex mobile (Transportable) lighting equipment consists of a main enclosure (base), LED lamp head and connection pole/cable between them.

The encapsulated battery pack, encapsulated control board, terminals are installed inside the main enclosure. The LED light sources are encapsulated within the lamp head. The lamp head can be extended from the main enclosure or retracted back to the main enclosure through the pole.

The ExMP80R and ExMP81R have different size of main enclosure, but all internal parts are the same.

Type designation

Ex	M	P	□	R	-	□-□-□
Not related to Ex						
Type of cell:						
R: Secondary cell						
Lamp type:						
80: Mobile lamp						
81: Mobile lamp						
Case material:						
P: Plastic						
Mobile						
Ex product						

Electrical Data

Um (for charging): 24 V d.c.

Rated voltage of battery pack: 43.2 V d.c.

Rated capacity of battery pack: 5000 mAh

Degrees of protection (IP Code)

IP66

IP67 (1 m, 30 min) according to IEC 60529

Ambient temperature:

-20°C to +55°C

Routine tests

- Visual inspections shall be carried out according to clause 9.1 of EN 60079-18.

- A dielectric strength test shall be carried out at 500 V for at least 1 min according to clause 7.1 of EN IEC 60079-7 and clause 9.2 of EN 60079-18.

[16] **Report No.:** 2025-9028, Rev. 00

Project No.: PRJN-652824

[17] **Specific Condition(s) of Use**

- Do not charge the product in hazardous location.
- The charger shall be SELV or PELV certified with output voltage of 24 V d.c.
- Do not disassemble the product or replace the battery pack in hazardous location.
- Use only replaceable battery pack 21700-12S1P-01.

[18] **Essential Health and Safety Requirements**

Met by compliance with the requirements mentioned in item 9 and EN IEC 60079-31:2024.

[19] **Drawings and documents**

As listed in confidential report 2025-9028.

[20] **Certificate History**

Issue	Description	Issue date	Report no.
0	Original issue	2025-07-02	2025-9028, Rev. 00

Compliance of the product with the applicable safety requirements of the relevant industrial standards has not been verified and is not covered by this certificate.

END OF CERTIFICATE