



(1) EU-TYPE EXAMINATION CERTIFICATE

(2) Equipment and Protective Systems intended for use in
Potentially Explosive Atmosphere - **Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number:

TÜV 22 ATEX 8897 X

Issue: 00

(4) Equipment: **Mega Series Explosion Proof Light**
Type: EX060M, EX080M, EX100M, EX120M, EX150M, EX200M

(5) Manufacturer: **Shenzhen Hysone Technology Co., Ltd.**

(6) Address: **503, Bld. 1 Zhongsheng Zhidi Building, No.99 Longguan West Road, Gaofeng Community, Dalang Street, Longhua District, Shenzhen City, Guangdong Province, P.R. China**

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

(8) The Zertifizierungsstelle für Explosionsschutz of TÜV Rheinland Industrie Service GmbH, Notified Body No. 0035 in accordance with Article 21 of the Council Directive 2014/34/EU of 26th February 2014, certifies this product which has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmosphere, given in Annex II to the Directive.

The examination and test results are recorded in the confidential report GC / Ex 8897.00 / 22.

(9) Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of this certificate, has been assessed by reference to:

EN IEC 60079-0: 2018


EN 60079-1: 2014

EN 60079-31: 2014

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and specification for construction of the equipment or protective system. It does not cover the process for actual manufacture or supply of the equipment or protective system, for which further requirements of the directive are applicable.

(12) The marking of the equipment shall include the following:

 **II 2 G Ex db IIB T5 Gb**
II 2 D Ex tb IIIC T95°C Db

Cologne, 2026-03-13

TÜV Rheinland Zertifizierungsstelle für Explosionsschutz


Yang Wang



This EU-Type Examination Certificate without signature and stamp shall not be valid and may be circulated only without alteration.
Extracts or alterations are subject to approval by Zertifizierungsstelle für Explosionsschutz of TÜV Rheinland Industrie Service GmbH.
Am Grauen Stein • 51105 Köln • Tel. +49 (0) 221 806-0 • Fax. + 49 (0) 221 806 114

(13)

Annex to

(14)

EU-Type Examination Certificate

TÜV 22 ATEX 8897 X

Issue: 00

(15) Description of Equipment

Equipment and type:

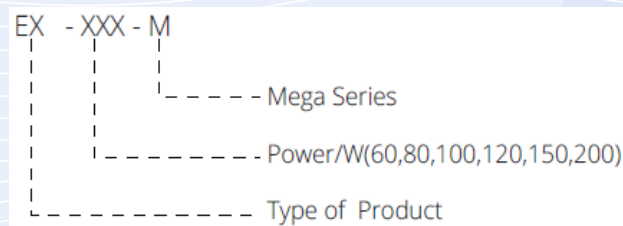
Mega Series Explosion Proof Light, Type: EX060M, EX080M, EX100M, EX120M, EX150M, EX200M

General product information:

The Mega series Explosion proof Light is designed for use in explosive atmospheres zone 1 and zone 21, hereinafter referred to as equipment. The protection types of the equipment are "db" and "tb".

The rated voltage of the equipment is 100 to 277VAC, 50/60Hz, and the rated power is 60 to 200W. This equipment has the same and unique structure, mainly composed of driver chamber and light source chamber. The material of the equipment enclosure is aluminium ADC12.

Type code:



Model name	Description
EX060M	60W
EX080M	80W
EX100M	100W
EX120M	120W
EX150M	150W
EX200M	200W

Details of Change:

N/A, Initial Certification.

Technical data:

Electrical data

Rated Voltage: 100 to 277VAC, 50/60Hz

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Issue: 00

Environmental data
IP Rating: IP65
Tamb: -30°C to +48°C

(16) Test report No.: GC / Ex 8897.00 / 22

(17) Special Conditions for safe use

1. Tamb: -30°C to +48°C.
2. End user shall use certified cable gland with suitable type of protection for installation purpose. Minimum IP65 for chosen cable gland.
3. Electrostatic charging hazard-clean only with a damp cloth.

(18) Essential Health and Safety Requirements

The Essential Health and Safety Requirements are covered by the standards listed at item 9.

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