



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

Certificate No.: **IECEX TUR 22.0062X** Page 1 of 3 [Certificate history:](#)
Status: **Current** Issue No: 0
Date of Issue: 2026-03-13
Applicant: **Shenzhen Hysone Technology Co., Ltd.**
503, Bld. 1 Zhongsheng Zhidi Building
No. 99 Longguan West Road, Gaofeng Community
Dalang Street, Longhua District
Shenzhen City, Guangdong Province
China
Equipment: **Mega Series Explosion Proof Light, Type: EX060M, EX080M, EX100M, EX120M, EX150M, EX200M**
Optional accessory:
Type of Protection: **Equipment protection by flameproof enclosures "db" and Equipment dust ignition protection by enclosure "tb"**
Marking: Ex db IIB T5 Gb
Ex tb IIIC T95°C Db
(Ta range: -30°C to +48°C)

Approved for issue on behalf of the IECEx
Certification Body:

Dipl.-Ing. Yang Wang

Position:

Assigned Certifier

Signature:
(for printed version)

Date:
(for printed version)

2026-03-13

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 or use of this QR Code.



Certificate issued by:

TUV Rheinland Industrie Service GmbH
Am Grauen Stein
51105 Cologne
Germany





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Manufacturer: **Shenzhen Hysone Technology Co., Ltd.**
503, Bld. 1 Zhongsheng Zhidi Building
No. 99 Longguan West Road, Gaofeng Community
Dalang Street, Longhua District
Shenzhen City, Guangdong Province
China

Manufacturing locations: **Shenzhen Hysone Technology Co., Ltd.**
503, Bld. 1 Zhongsheng Zhidi Building
No. 99 Longguan West Road, Gaofeng Community
Dalang Street, Longhua District
Shenzhen City, Guangdong Province
China

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 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-1:2014](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

[IEC 60079-31:2022](#) Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
Edition:3.0

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 Report:

[DE/TUR/ExTR22.0062/00](#)

Quality Assessment Report:

[DE/TUR/QAR25.0020/00](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The Mega series explosion-proof Light is designed for use in explosive atmospheres zone1 and zone21, hereinafter referred to as equipment. The type of protection of the equipment is "db" and "tb".

SPECIFIC CONDITIONS OF USE: YES as shown below:

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.

Annex:

[DE-IECEX_TUR_22.0062X_00_Attachment_2026-03-13.pdf](#)



Attachment to Certificate IECEX TUR 22.0062 X

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

Manufacturer: Shenzhen Hysone Technology Co., Ltd.

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

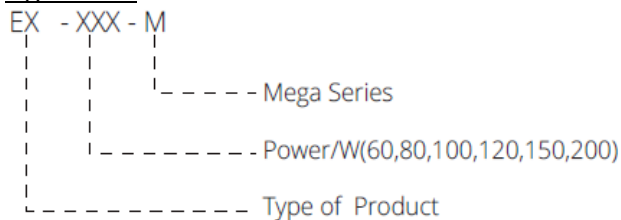
General product information:

Basic Description of Ex Equipment:

The Mega series explosion-proof Light is designed for use in explosive atmospheres zone1 and zone21, hereinafter referred to as equipment. The type of protection of the equipment is "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

Technical Data:

Electrical data

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



Attachment to Certificate
IECEX TUR 22.0062X
Revision 0

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

Routine tests at manufacturer:

Routine overpressure test to be performed in accordance with IEC 60079-1 Cl.16.1.2 for Driver chamber and Light source chamber with 0.85 MPa respectively, and test duration 10s at least.