

[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 ACE26ATEX003X Rev00
- [4] Product Explosion-proof Ceiling Lights Model HRY51-G/P Series
- [5] Manufacturer WAROM TECHNOLOGY INCORPORATED COMPANY
- [6] Address No. 555 Baoqian Road, Jiading District, Shanghai, 201808 China
- [7] This equipment or protective system and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- [8] Advanced Consulting and Engineering Iberia SL (A.C.&E. Iberia S.L.), Notified body Accreditation nº: NB3024 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and 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 the confidential Report nº. EX_EXE003_26_25-1965, EX_EXT002_26_25-1965
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN IEC 60079-0:2018 : Explosive atmospheres — Part 0: Equipment — General requirements
EN 60079-5: 2015: Explosive atmospheres - Part 5: Explosive atmospheres - Part 5: Equipment protection by powder filling ‘q’
EN 60079-7: 2015/A1:2018: Explosive atmospheres - Part 7: Equipment protection by increased safety ‘e’
EN 60079-31:2014: Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure ‘t’
- [10] If the sign “X” is placed after the certificate number, it indicates that the product is subject to the Special Conditions for Use specified in the point 17 of 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 equipment or protective system shall include the following:



II 2G Ex db eb IIC T6 Gb, II 2 D Ex tb IIIC T80°C Db
II 2G Ex db eb q IIC T6/T5 Gb, II 2 D Ex tb IIIC T80°C Db

This Declaration of conformity may only be reproduced in its entirety and without any change, including schedules.

Date: 01/04/2026



**Advanced Consulting and Engineering
Iberia SL**

Notified Body No NB3024
Matteo Marconi, CEO

This certificate may only be reproduced in its entirety and without any change, including schedules.



[13] **SCHEDULE**

[14] EU-Type Examination Certificate No: ACE26ATEX003X Rev00

[15] Description of equipment

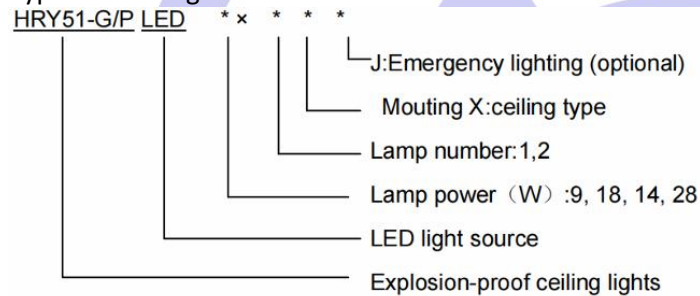
Type HRY51-G/P LED explosion-proof ceiling lights are composed of non-metallic PC transparent covers and carbon steel or stainless steel bodies. The cable entries are either on both sides of the enclosure or at the base. Any unused entries should be fitted with plugs.

Type HRY51-G/P LED explosion-proof ceiling lights are available in two versions: internal power and external power. The internal power version includes either one or two separately certified BT8 LED tubes with type of protection “db eb”.

The external power version is divided into emergency version and non-emergency version. The emergency version includes either one or two separately certified BT8 LED tubes, along with a separately certified emergency controller, an optional certified emergency indicator, and a battery pack.

The non-emergency version includes only a separately certified BT8 LED tube and a separately certified driver power supply. The product fulfills the requirements of IP66 according to EN 60529.

Type code designation:



Model	Ex-mark	Electrical Ratings	Ambient temperature
HRY51-G/P LED 14x**J	II 2G Ex db eb q II C T6 Gb II 2D Ex tb III C T80°C Db	100...277 VAC 50/60 Hz 200...250 V DC	-40°C~+55°C
HRY51-G/P LED 28x**J	II 2G Ex db eb q II C T6 Gb II 2D Ex tb III C T80°C Db		-40°C~+45°C
	II 2G Ex db eb q II C T5 Gb II 2D Ex tb III C T80°C Db		-40°C~+55°C
HRY51-G/P LED 9x** HRY51-G/P LED 18x**	II 2G Ex db eb II C T6 Gb II 2D Ex tb III C T80°C Db	170...264 VAC 50/60 Hz	-40°C~+55°C
HRY51-G/P LED 14x** HRY51-G/P LED 28x**	II 2G Ex db eb q II C T6 Gb II 2D Ex tb III C T80°C Db	100...277 VAC 50/60 Hz 200...250 V DC	-40°C~+55°C

The equipment includes the following separately certified parts:

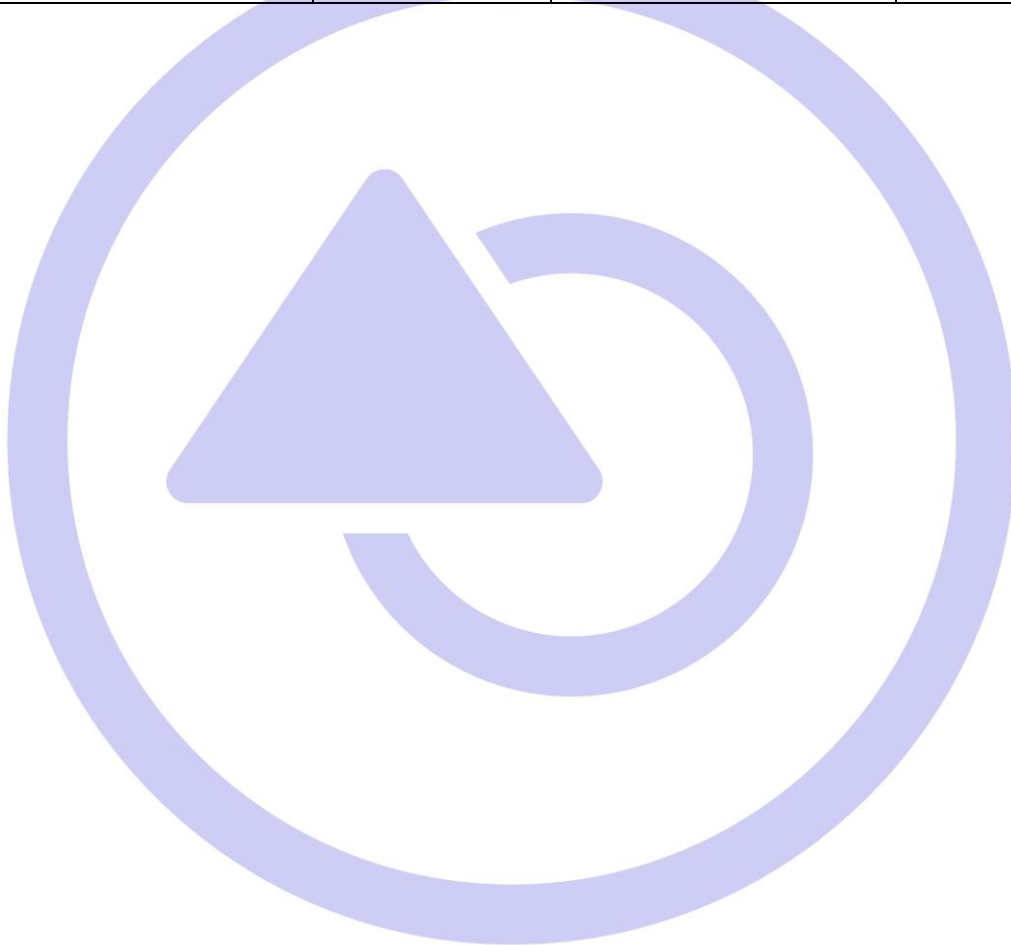
This certificate may only be reproduced in its entirety and without any change, including schedules.

EU-Type Examination Certificate

Certificate No:
ACE26ATEX003X
Rev00

Issued: 01/04/2026

Components	Manufacturer	Type	Certificate
LED Tube	WAROM	BT8	CML 19ATEX1287U
LED Emergency controller	WAROM	HRE14-2C HRE28-2C	CML 19ATEX5201U
LED driver	WAROM	HRB14-2C HRB28-2C	CML 19ATEX5115U
Stopping plug	WAROM	BPT-e	EPT 16ATEX2502
Terminal blocks	Connectwell Industries	CMB4/CMT4	CSANe 21ATEX3017U
Switch	WAROM	BA-X	TUV 20ATEX8561U
Stopping plug	WAROM	BPT	ACE 25ATEX020X
Explosion-proof indicator	WAROM	BD8060	CML 24ATEX1227U



This certificate may only be reproduced in its entirety and without any change, including schedules.

[13] **SCHEDULE**

[14] EU – Type Examination Certificate No: ACE26ATEX003X Rev00

[16] Test documents are listed in the test report nº
EX_EXE003_26_25-1965, EX_EXT002_26_25-1965

[17] Special conditions for safe use

1. When installed in hazardous area, only properly certified cable glands or blanking element shall be used.
2. The drivers have been permanently sealed. No attempt shall be made to open or repair them.
3. The equipment shall not be used in areas affected by charge-producing processes, mechanical friction, separation processed electron emission (e.g. in the vicinity of electrostatic coating equipment) or pneumatically conveyed dust.
4. The lamps shall only be replaced by the same type of BT8 tubes.

[18] Essential Health and Safety Requirements
Are fulfilled by the harmonized standard

[19] Documents and technical datasheets:

Title	Object	Revision	Date
Manual	0HR 464 779	3.0	2025.9.25
Electric Connection Diagram*	0HR 354 635	2.0	2025.9.25
Explosion-proof Ceiling Lights (Cable Enters from the Bottom)	3HR 576 301.3~6	3.0	2025.9.24
Explosion-proof Ceiling Lights (Cable Enters from the Bottom)	3HR 576 301.9~10	3.0	2025.9.24
Explosion-proof Ceiling Lights (Cable Enters from the Side)	3HR 576 302.3~6	3.0	2025.9.25
Explosion-proof Ceiling Lights (Cable Enters from the Side)	3HR 576 302.9~10	3.0	2025.9.24
Battery of Charger	1 HRW 010 002.2	1.0	2024.7.24
Enclosure (for) HRY51-G/P	5HR 002 1027.1~2	1.0	2024.7.24
Enclosure (for) HRY51-G/P	5HR 002 1029.1~2	1.0	2024.7.24
Cover Plate (for) HRY51-G/P	5HR 312 789.1	1.0	2024.7.24
Cover Plate (for) HRY51-G/P	5HR 312 789.2	1.0	2024.7.24
Cover Component (for) HRY51G/P	5HR 312 806.1~2	1.0	2024.7.24

This certificate may only be reproduced in its entirety and without any change, including schedules.

Emergency Battery	5HR 900 068	1.0	2024.7.24
Side Plate (for) HRY51-G/P	8HR 050 103	1.0	2024.7.24
Side Plate (for) HRY51-G/P	8HR 050 104	1.0	2024.7.24
Body Board (for) HRY51-G/P	8HR 160 227.1	1.0	2024.7.24
Body Board (for) HRY51-G/P	8HR 160 227.2	1.0	2024.7.24
Body Board (for) HRY51-G/P	8HR 160 227.3	1.0	2024.7.24
Body Board (for) HRY51-G/P	8HR 160 227.4	1.0	2024.7.24
Pressing Ring (for) HRY51-G/P	8HR 171 338.1	1.0	2024.7.24
Pressing Ring (for) HRY51-G/P	8HR 171 338.2	1.0	2024.7.24
Sealing Gasket (for) HRY51-G/P	8HR 370 1558.1	1.0	2024.7.24
Sealing Gasket (for) HRY51-G/P	8HR 370 1558.2	1.0	2024.7.24
Light Transmitting Plate (for) HRY51-G/P	8HR 403 702.1	1.0	2024.7.24
Light Transmitting Plate (for) HRY51-G/P	8HR 403 702.2	1.0	2024.7.24
Mounting Plate (for) HRY51-G/P	8HR 062 1279	1.0	2019.9.19
*Nameplate (for) HRY51-G/P	8HR 860 2553	1.0	2024.7.24
*Nameplate (for) HRY51-G/P...J	8HR 860 2554	1.0	2024.7.24
Nut	8HR 949 289.3	1.0	2024.7.24
Lamp Holder	WM5HR 101 215	0.0	2024.7.24
Connection Base Assembly	WM5HR 512 018	1.0	2024.7.24
Connection Bolt Assembly	WM5HR 906 001	0.0	2024.7.24
Conducting Strip	WM8HR 215 038	1.0	2024.7.24
Product Registration Description for HRY51-G/P	/	/	2024.7.6
IECEX report	Report No: CN/CQM/ExTR24.0082/01	01	2025.11.9

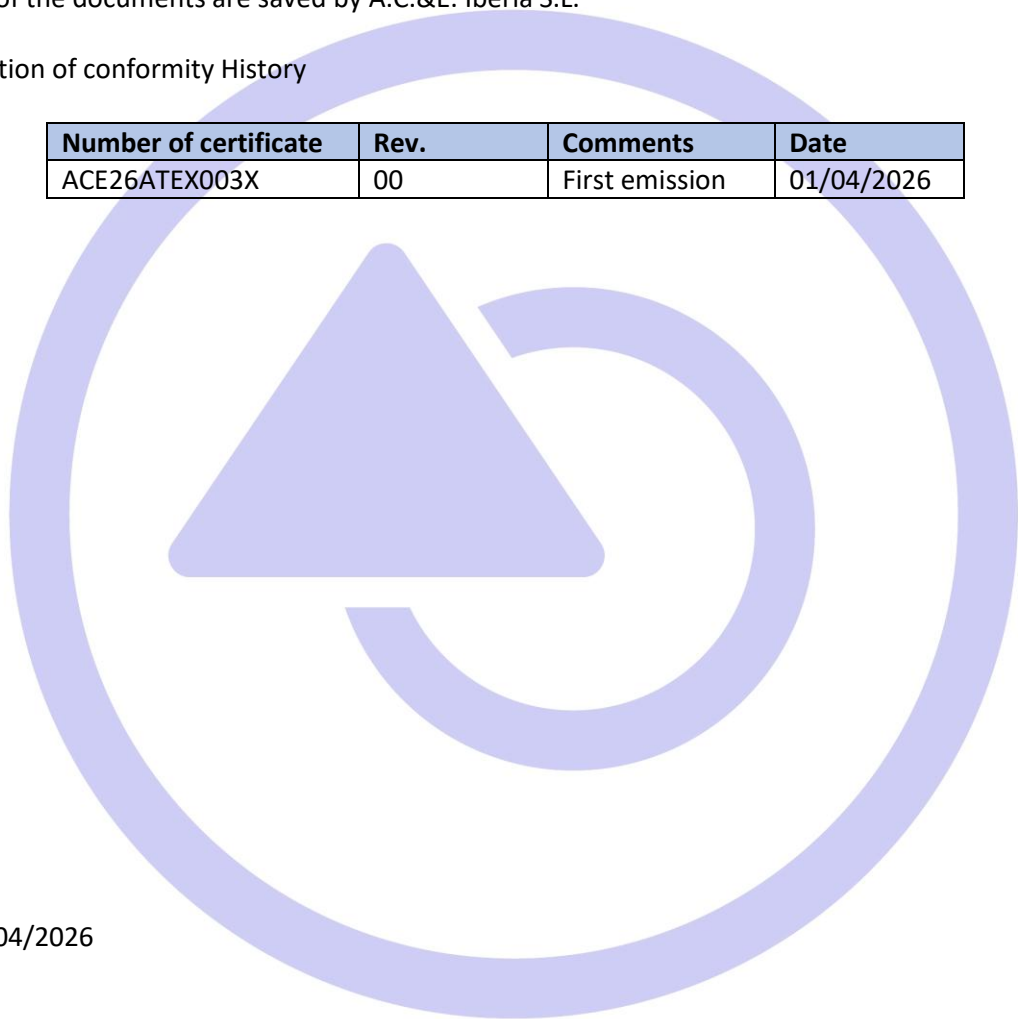
This certificate may only be reproduced in its entirety and without any change, including schedules.

	Lab: Shanghai institute of Quality Inspection and Technical Research Co.,Ltd-China National Lighting Fitting Quality Supervision Testing Centre.(SQI_ZM)		
--	--	--	--

The documents above-mentioned are strictly confidential and they are of only use of authorities.
A copy of the documents are saved by A.C.&E. Iberia S.L.

[20] Declaration of conformity History

Number of certificate	Rev.	Comments	Date
ACE26ATEX003X	00	First emission	01/04/2026



Date: 01/04/2026



**Advanced Consulting and Engineering
Iberia SL**
Notified Body No NB3024

Matteo Marconi, CEO

This certificate may only be reproduced in its entirety and without any change, including schedules.

