

[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 ACE26ATEX002X Rev00  
[4] Product Explosion-proof Pendant Lights Model HRY51-G/C LED  
\*X\*\*\*  
[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\_EXE002\_26\_25-1964, EX\_EXT001\_26\_25-1964  
[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/T5 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

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Date: 01/04/2026



**Advanced Consulting and Engineering**  
**Iberia SL**  
Notified Body No NB3024  
Matteo Marconi, CEO

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[13]

## SCHEDULE

[14]

EU-Type Examination Certificate No: ACE26ATEX002X Rev00

[15]

Description of equipment

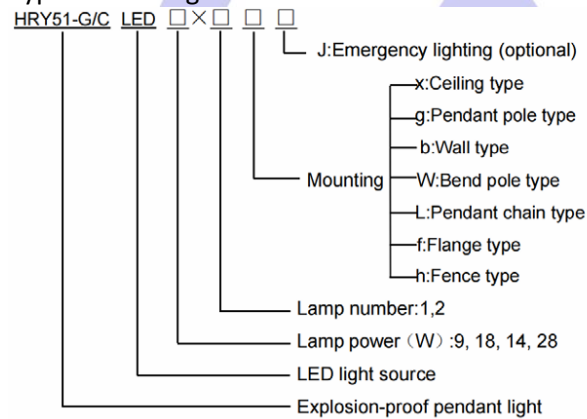
Type HRY51-G/C LED explosion-proof pendant lights are composed of non-metallic PC transparent covers and carbon steel or stainless steel bodies. The cable entries are located on both sides of the enclosure. Any unused entries should be fitted with plugs.

Type HRY51-G/C LED explosion-proof pendant 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/IP67 according to EN60529.

Type code designation:



Model	Ex-mark	Ambient temperature
HRY51-G/C LED 9x**	II 2G Ex db eb II C T6 Gb	-40°C~+57°C
HRY51-G/C LED 18x**	II 2D Ex tb III C T80°C Db	
	II 2G Ex db eb II CT5 Gb	-40°C~+58°C
	II 2D Ex tb III C T80°C Db	
HRY51-G/C LED 14x**	II 2G Ex db eb q II C T6 Gb	-40°C~+53°C
HRY51-G/C LED 28x**	II 2D Ex tb III C T80°C Db	
	II 2G Ex db eb q II C T5 Gb	-40°C~+58°C
	II 2D Ex tb III C T80°C Db	
HRY51-G/C LED 14x**J	II 2G Ex db eb q II C T6 Gb	-40°C~+48°C
HRY51-G/C LED 28x**J	II 2D Ex tb III C T80°C Db	
	II 2G Ex db be q II C T5 Gb	-40°C~+53°C
	II 2D Ex tb III C T80°C Db	

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## EU-Type Examination Certificate

Certificate No:  
ACE26ATEX002X  
Rev00

Issued: 01/04/2026

The equipment includes the following separately certified parts:

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
Terminal blocks	WAROM	MUT6/MUT6-PE	SEV 13ATEX0178U
Switch	WAROM	BA-X	TUV 20ATEX8561U
Stopping plug	WAROM	BPT	ACE 25ATEX020X
Explosion-proof indicator	WAROM	BD8060	CML 24ATEX1227U

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[13] **SCHEDULE**

[14] EU – Type Examination Certificate No: ACE26ATEX002X Rev00

[16] Test documents are listed in the test report nº  
EX\_EXE002\_26\_25-1964, EX\_EXT001\_26\_25-1964

[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	635464005401	2.0	2025.9.24
Assembly drawing	3HR 576 303.1-12	2.0	2025.9.25
Assembly drawing	3HR 576 304.1-6	2.0	2025.9.25
Assembly drawing	3HR 576 305.1-12	2.0	2025.9.25
Assembly drawing	3HR 576 306.1-6	2.0	2025.9.25
Wiring diagram	0HR 360 359	1.0	2025.9.25
Body assembly	5HR 002 1052	0.0	2024.7.24
Body assembly	5HR 002 1053	0.0	2024.7.24
Body assembly	5HR 002 1054	0.0	2024.7.24
Body assembly	5HR 002 1059	0.0	2024.7.24
Body assembly	5HR 002 1060	0.0	2024.7.24
Body assembly	5HR 002 1061	0.0	2024.7.24
Body	8HR 004 368	0.0	2024.7.24
Body	8HR 004 369	1.0	2024.7.24
Reflector	8HR 064 278	0.0	2024.7.24
Reflector	8HR 064 279	0.0	2024.7.24
Mounting plate	8HR 064 285	1.0	2024.7.24
Mounting plate	8HR 064 286	1.0	2024.7.24
Transparent cover (For): HRY51- G/C	8HR 409 098	0.0	2024.7.24
Transparent cover 2 (For): HRY51- G/C	8HR 409 101	1.0	2024.7.24

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Sealing ring	8HR 370 1539	0.0	2024.7.24
Sealing ring	8HR 370 1540	0.0	2024.7.24
Lamp holder	WM5HR 101 215	1.0	2024.7.24
HRE Explosion-proof LED drive electric schematic diagram	OHRW 010 133	00	2021.3.24
Charger of battery	1HRW 010 002	0.0	2024.7.24
Emergency battery	5HR 900 068	0.0	2024.7.24
Emergency battery	6HR 290 130	0.0	2024.7.24
Nameplate (For): HRY51-G/C	8HR 860 2601.1	0.0	2024.7.24
Nameplate (For): HRY51-G/C	8HR 860 2601.2	0.0	2024.7.24
Nameplate (For): HRY51-G/C	8HR 860 2601.3	0.0	2024.7.24
Filing Description for HRY51-G/C Product	/	/	2024.7.6
IECEX report	Report No: CN/CQM/ExTR24.0082/01 Lab: Shanghai institute of Quality Inspection and Technical Research Co.,Ltd-China National Lighting Fitting Quality Supervision Testing Centre.(SQI_ZM)	01	2025.11.9

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
ACE26ATEX002X	00	First emission	01/04/2026

Date: 01/04/2026



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

Matteo Marconi, CEO

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