


[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 ACE25ATEX015X Rev00
[4] Product Explosion-proof LED Floodlights Model HRNT95-*
[5] Manufacturer WAROM TECHNOLOGY INCORPORATED COMPANY
[6] Address No. 555 Baoqian Road, Jiading District, Shanghai,
201808 China

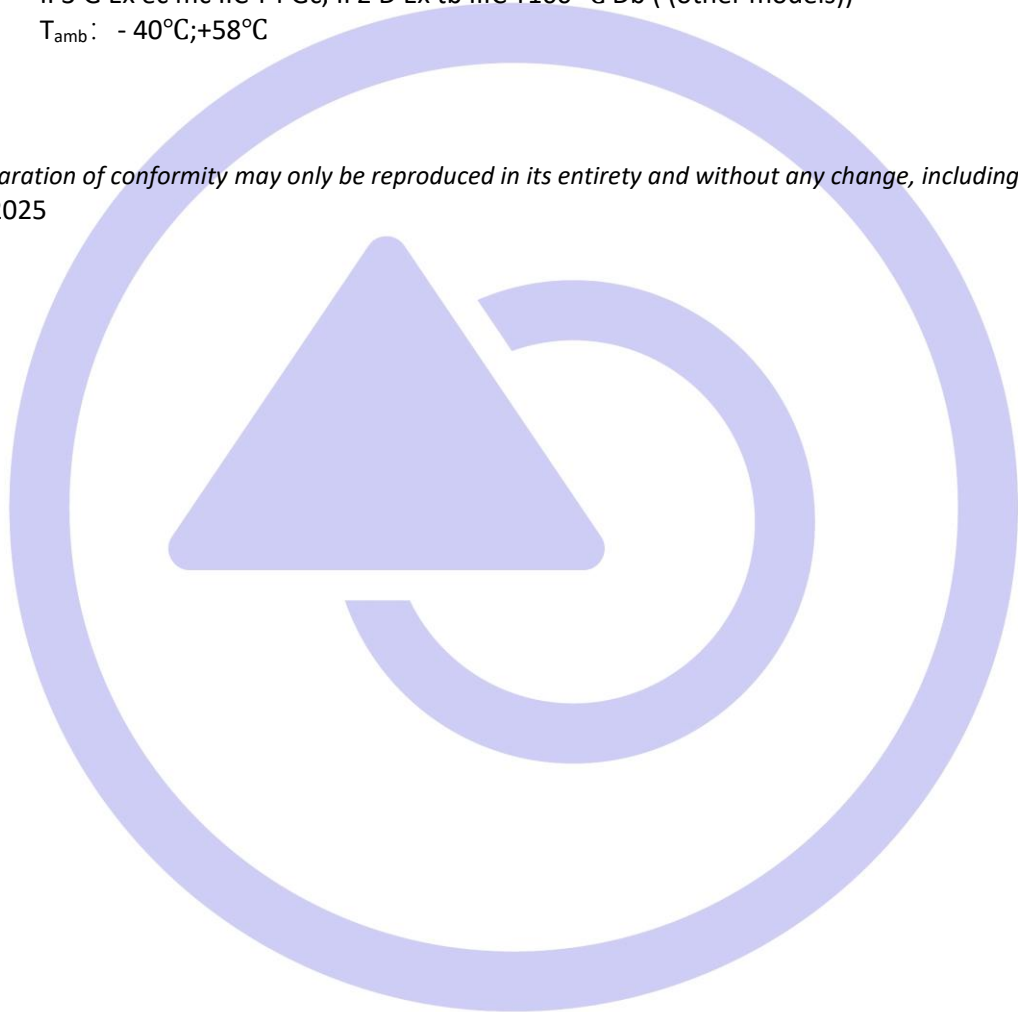
- [7] This equipment or protective system and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- [8] Advanced Consulting and Engineering Iberia SL (A.C.&E. Iberia S.L.), Notified body Accreditation nº: NB3024 in accordance with 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 confidential Report nº. EX_EXE005_25_25-682, EX_EXM003_25_25-682, EX_EXT003_25_25-682
- [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 60079-7: 2015/A1:2018: Explosive atmospheres - Part 7: Equipment protection by increased safety ‘e’
EN 60079- 18:2015/A1:2017: Explosive atmospheres - Part 18: Equipment protection by encapsulation ‘m’
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.

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[12] The marking of the equipment or protective system shall include the following:

-  II 3 G Ex ec mc IIC T5 Gc, II 2 D Ex tb IIIC T88 °C Db (200W 415V AC,50/60HZ) T_{amb}: -40°C;+40°C
II 3 G Ex ec mc IIC T4 Gc, II 2 D Ex tb IIIC T106 °C Db (200W 415V AC,50/60HZ) T_{amb}: - 40°C;+58°C
II 3 G Ex ec mc IIC T5 Gc, II 2 D Ex tb IIIC T82 °C Db ((other models))
T_{amb}: - 40°C ;+ 40°C
II 3 G Ex ec mc IIC T4 Gc, II 2 D Ex tb IIIC T100 °C Db ((other models))
T_{amb}: - 40°C;+58°C

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Date: 26/05/2025



**Advanced Consulting and Engineering
Iberia SL**

Notified Body No NB3024
Matteo Marconi, CEO

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[13] **SCHEDULE**

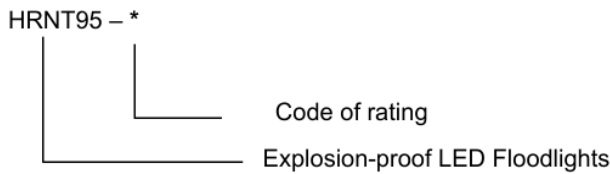
[14] EU-Type Examination Certificate No: ACE25ATEX015X Rev00

[15] Description of equipment

The enclosure of HRNT95 series Explosion-proof LED Floodlights is made of aluminium alloy material and the light transmitting part is made of tempered glass. The LED modules and other electrical components (such as LED driver and terminal blocks) are tested as a whole with the entire equipment and the built-in increased safety certified terminal is provided. The enclosure body is provided with a threaded cable entry and internal earth connections are provided.

The degree of protection of the enclosure is IP66.

Type code designation:



*: Code of rating

- 80W (110-277V AC,50/60Hz;130-250V DC)
- 120W (110-277V AC,50/60Hz;130-250V DC)
- 150W (110-277V AC,50/60Hz;130-250V DC)
- 200W (110-277V AC,50/60Hz;130-250V DC)
- 240W (110-277V AC,50/60Hz;130-250V DC)
- 300W (110-277V AC,50/60Hz;130-250V DC)
- 200W (415V AC,50/60Hz)
- 300W (415V AC,50/60Hz)

The relation between input power, ambient temperature, temperature class and maximum surface temperature is listed in the following table:

Input power	Temperature class/maximum surface temperature			
	Tamb:-40°C ~ +40°C		Tamb:-40°C ~ +58°C	
80W,120W,150W,200W,240W, 300W	Gas	Dust	Gas	Dust
		T5	T82°C	T4
200W (415V AC,50/60Hz)	T5	T88°C	T4	T106°C

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[13] **SCHEDULE**

[14] EU – Type Examination Certificate No: ACE25ATEX015X Rev00

[16] Test documents are listed in the test report nº
EX_EXE005_25_25-682, EX_EXM003_25_25-682, EX_EXT003_25_25-682

[17] Special conditions for safe use

1. Ambient temperature:

200W 415V AC,50/60Hz:-40°C ~ +40°C(T5 or T88°C), -40°C ~ +58°C(T4 or T106°C).

Other models:-40°C ~ +40°C(T5 or T82°C), -40°C ~ +58°C(T4 or T100°C).

2. Observe the warning:

WARNING-DO NOT OPEN WHEN ENERGIZED.

WARNING-DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT.

WARNING-POTENTIAL ELECTROSTATIC CHARGING HAZARD-SEE INSTRUCTIONS.

3. Low risk of mechanical danger of Explosion-proof LED Floodlights is applied, high risk of impact danger of foreign objects during installation.

4. When the product is installed in explosive gas atmosphere, the separated certified cable gland that comes with a sealing gasket fulfills the requirements of EN IEC 60079-0 and EN 60079-7, with an Ex marking of II 2G Ex eb IIC Gb, and IP66 shall be incorporated.

5. When the product is installed in combustible dust atmosphere, the separated certified cable gland that comes with a sealing gasket fulfills the requirements of EN IEC 60079-0 and EN 60079-31, with an Ex marking of II 2D Ex tb IIIC Gb, and IP66 shall be incorporated.

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

[19] Documents and technical datasheets:

Title	Object	Revision	Date
Manual	610464038201	02	2025.4.10
HRNT95 -80W/120W series explosion-proof floodlights	7202000002	1	2025.4.10
HRNT95 - 150W/200W/240 W series explosion-proof floodlights	7202000005	1	2025.4.10
HRNT95 -300W series explosion-proof floodlights	7202000004	1	2025.4.10
Nameplate	870860083401	2	2025.4.10
Nameplate	870860083402	2	2025.4.10
Shell body for HRNT95 80W/120W	850003010101	0	2025.4.10

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Shell body for HRNT95-150W/200W/240W	850003004001	0	2024.3.15
Shell body for HRNT95-300	850003003901	0	2024.3.15
Shell Cover for HRT95 80/120W	850313004201	0	2024.3.15
Shell Cover for HRNT95 150W/200/240W	850313001501	0	2024.3.15
Shell Cover for HRNT95-300W	850313001601	0	2024.3.15
Glass board for HRNT95 80/120W	880403015801	0	2024.3.15
Glass board for HRNT95 150/200/240W	880403031501	0	2024.3.15
Glass board for HRT95-300W	880403015701	0	2024.3.15
Reflector for HRNT95 80/120W	850303003901	0	2024.3.15
Reflector for HRNT95 150/200/240W	850303004002	0	2024.3.15
Reflector for HRNT95-300W	850303004003	0	2024.3.15
Mounting bracket for HRNT-240/300W	870043030801	0	2024.3.15
Mounting bracket for HRNT -150/200/240	870043017701	0	2024.3.15
Mounting bracket for HRNT 300W	870043017601	0	2024.3.15
Pinch plate for HRNT 80/120/150/200/240W	850251000201	0	2024.3.15
Sealing ring for HRNT95	8603700812	0	2024.3.25
Sealing ring for HRNT95(For Glass plate)	8603700813	0	2024.3.25
LED driver PCB for HRNT95 80W	665362003701	0	2024.3.15
LED driver PCB for HRNT95 120W	665362003702	0	2024.3.15
LED driver PCB for HRNT95 150W	665362003703	0	2024.3.15
LED driver PCB for HRNT95 200/240W	665362003704	0	2024.3.15
LED driver PCB for HRNT95 300W	665362003705	0	2024.3.15
LED driver PCB for HRNT95 200W(415V)	665362004101	1	2024.3.15

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LED driver PCB for HRNT95 300(415V)	665362004102	0	2024.3.15
SS-240M-56BH/SS-320M 428BH for HRNT95 200W/300W(415V)	6652930032	0	2024.3.15
ELG-100-48A for HRNT95 80W	665293003202	0	2024.3.15
XLG-150 for HRNT95-120W	665293003201	1	2024.3.15
ELG-150-48A for HRNT95 150W	665293003203	0	2024.3.15
ELG-200-48A/ELG-240-48A for HRNT95-200/240W	665293003204	1	2024.3.15
ELGC-300-H-A for HRNT95 300W	665293003205	0	2024.3.15
Driver ATEX Certificate	DNV_21_ATEX_09722U	/	2022.5.6
IECEX report	Report No: CN/NEP/ExTR24.0051/00 Lab:Shanghai inspection and testing institute of instruments and automatic systems Co.,Ltd (SITIIAS)	/	2024.12.9

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
ACE25ATEX015X	00	First emission	26/05/2025

Date: 26/05/2025



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

Matteo Marconi, CEO

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