



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx LCIE 15.0020X issue No.: 0 Certificate history: _____

Status: **Current**

Date of Issue: **2015-04-03** Page 1 of 3

Applicant: **FEAM**
Via Pagano 3
20090 Trezzano s/n
Milan
Italy

Electrical Apparatus: **Floodlight for discharge lamp**
Optional accessory: Type : SFDN...

Type of Protection: **Ex nR, Ex tc**

Marking: Ex nR IIC T3/T2 Gc
Ex tc IIIB T200°C/T300°C Dc

Full marking in Annex

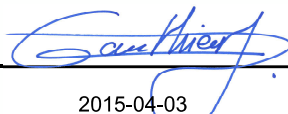
Approved for issue on behalf of the IECEx
Certification Body:

Julien GAUTHIER

Position:

Certification Officer

Signature:
(for printed version)



Date:

2015-04-03

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 the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

Laboratoire Central des Industries Electriques (LCIE)
33 Avenue du General Leclerc
FR-92260 Fontenay-aux-Roses
France

Documents relative to LCIE certification activities (Certificates, QARs, ExTRs) can be registered under the references "LCI" or "LCIE".





IECEX Certificate of Conformity

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Date of Issue: **2015-04-03**

Issue No.: **0**

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Manufacturer: **FEAM**
Via Pagano 3
20090 Trezzano s/n
Milan
Italy

Additional Manufacturing location(s):

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 electrical apparatus 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 : 2011 Edition: 6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-15 : 2010 Edition: 4	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
IEC 60079-31 : 2008 Edition: 1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'

*This Certificate **does not** indicate compliance with electrical 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:
[FR/LCIE/ExTR15.0021/00](#)

Quality Assessment Report:
[IT/CES/QAR09.0003/05](#)



IECEx Certificate of Conformity

Certificate No.: IECEx LCIE 15.0020X

Date of Issue: **2015-04-03**

Issue No.: **0**

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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Floodlight composed of two compartments. one with the discharge lamp and one with the electronics.

It is constituted of :

- a ballast for discharge lamp
- a power correction factor capacitor
- an igniter
- lampholders
- a tubular lamp
- a terminal block

Routine test and list of models detailed in Annex

CONDITIONS OF CERTIFICATION: YES as shown below:

Equipment shall not be exposed to high risk of mechanical danger.

Ambient temperature :

+45°C : T3 / T200°C

+60°C : T2 / T300°C



Annex 01 to Certificate IECEX LCIE 15.0020 X issue 00



Marking :

FEAM
 Address : ...
 Type : SFDN...
 Serial number : ...
 Year of construction : ...
 Ex nR IIC T3/T2 Gc
 Ex tc IIIB T200°C/T300°C Dc
 IECEX LCIE 15.0020 X
 - 40°C ≤ Tamb ≤ +60°C or +45°C
 WARNING – DO NOT OPEN WHEN ENERGIZED
 WARNING – AFTER DE-ENERGIZING, DELAY 20 MINUTES BEFORE OPENING

Routine test :

According to clause 23.2.3.2.1.1 of standard IEC 60079-15 each apparatus shall be submitted to a test for restricted-breathing enclosures.

List of models :

SFDN-*.**-***	SFDN	.*	**	***
	Type	Rated power	ILCOS code lamp type (IEC 61231)	Optic floodlight
		150W 250W 400W	ST : tubular high pressure sodium lamp MT : Tubular metal halide Lamp QT : Tubular High Pressure mercury lamp	SM : symmetric AS : asymmetric CT : concentrating beam



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Certificate No.: **IECEx LCIE 15.0020X** issue No.:1

Status: **Current**

Date of Issue: **2015-10-19** Page 1 of 4

Applicant: **FEAM**
Via Pagano 3
20090 Trezzano s/n
Milan
Italy

Electrical Apparatus: **Floodlight for discharge lamp**
Optional accessory: Type : SFDN...

Type of Protection: **Ex nR, Ex tc**

Marking: **Ex nR IIC T3/T2 Gc**
Ex tc IIIB T200°C/T300°C Dc

Full marking in Annex


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Certification Body:

Julien GAUTHIER

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Certification Officer

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2015-10-19

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TEST & ASSESSMENT REPORTS:

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FR/LCIE/ExTR15.0021/00

FR/LCIE/ExTR15.0116/00

Quality Assessment Report:

IT/CES/QAR09.0003/05



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Ambient temperature :

For model 250W / 400W:

+45°C : T3 / T200°C

+60°C : T2 / T300°C

For model 150W:

+60°C : T3/T200°C



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Issue 01 :

Normative update according to IEC 60079-31 Ed.2 standard
Modification of temperature class for model 150W.

Annex: LCIE 15.0020 X issue 01 - FEAM - Annex.pdf

