





- (1) **EC-TYPE EXAMINATION CERTIFICATE**
- (2) Equipment or protective system intended for use in potentially explosive atmospheres  
Directive 94/9/EC
- (3) EC-Type Examination Certificate number: **LOM 02ATEX2019 X**
- (4) Equipment or Protection System      Fluorescent luminaries  
Type EVF...
- (5) Applicant:                                  Cooper, Crouse-Hinds Division, CEAG  
CEAG Nortem, S.A.
- (6) Address:                                    Avda. Santa Eulalia, 290  
08223 TARRASA (BARCELONA)  
SPAIN
- (7) This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) Laboratorio Oficial J.M. Madariaga (LOM), notified body number 0163 in accordance with Article 9 of the Directive 94/9/EC of the European Parliament of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II to the Directive.  
The examination and test results are recorded in confidential report nr. **LOM 00.427 LP**
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
- Standards    **EN 50014:1997 + A1:1999 + A2:1999**  
                     **EN 50018:2000**
- (10) If the sign X is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in this certificate schedule.
- (11) This EC-Type Examination Certificate relates only to the design and construction of this specified equipment or protective system in accordance with the Directive 94/9/EC. Further requirements of the Directive applies to the manufacture and supply of this equipment or protective system. These are not covered by this certificate.
- (12) The marking of the equipment or protective system shall include the following:
-  II 2 G      BEx d IIC T5..T6  
Ta: -20 °C / +55 °C

  
Carlos Fernández Ramón  
DIRECTOR OF THE LABORATORY



Madrid, 14 May 2002  
  
Angel Vega Remesal  
Head of ATEX area

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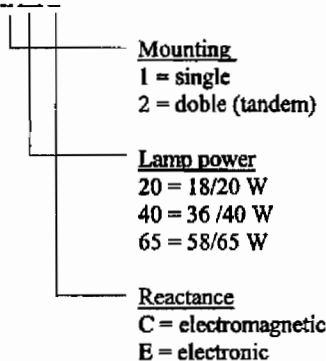
(A1) **SCHEDULE**

(A2) EC-Type Examination Certificate: **LOM 02ATEX2019 X**

(A3) Description of equipment or protective system

Cilindric luminaires for tubular fluorescent lamps. They are intended to be single mounted or in tandem, joined by cable entries.

Codification: EVF



Temperature class:

| Lamp power (W) | Temperature class   |                     |
|----------------|---------------------|---------------------|
|                | Ta: -20 °C / +40 °C | Ta: -20 °C / +55 °C |
| 18/20          | T6                  | T6                  |
| 36/40          | T6                  | T6                  |
| 56/65          | T6                  | T5                  |

Rated voltage :    - Electromagnetic ballast:            220-230 V, 50/60 Hz  
                          - Electronic ballast:                    189-254 Vca  
   176-280 Vcc

(A4) Test report: n° LOM 00.427 LP

(A5) Special conditions for safe use

These luminaires only can be use in places with low risk of mechanical danger.

(A6) Essential Health and Safety Requirements

Each manufactured unit must be submitted to a static pressure test of 1050 kPa, according to paragraph 15.3.1 of EN 50018:2000.

Explosion safe requirements are covered by application of the standards indicated in page 1/3 of this certificate.



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(A1) **SCHEDULE**

(A2) EC-Type Examination Certificate: **LOM 02ATEX2019 X**

(A7) Descriptive documents:

|                 |                | <u>Rev.</u> | <u>Date</u> |
|-----------------|----------------|-------------|-------------|
| Description nr. | EVF.doc (6 pp) | 1           | 2002-05-02  |
| Part list nr.:  | N507111A0001   | A           | 2000-12-13  |
| Drawings nr.:   | N507111A0001   | A           | 2000-12-13  |
|                 | N601114A0106   | A           | 2002-05-02  |
| Schemas nr.:    | N507114-0009   | -           | 2000-12-13  |
|                 | N507114-0010   | -           | 2000-12-13  |
|                 | N507114-0011   | -           | 2000-12-13  |
|                 | N507114-0012   | -           | 2000-12-13  |



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