



CERTIFICATE



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Capitale sociale 8 550 000 €
interamente versato
Codice fiscale e numero
iscrizione CCIAA 00793580150

Registro Imprese di Milano
Sezione Ordinaria
N. R.E.A. 429222
P.I. IT00793580150

[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:
CESI 03 ATEX 074

[4] Equipment: **Luminares series EXEL.**

[5] Manufacturer: **COR.TEM S.p.A.**

[6] Address: **Via Aquileia 10, Villesse (Gorizia - Italy)**

[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] CESI, notified body n. 0722 in accordance with Article 9 of the Council Directive 94/9/EC 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 n. EX-A3/012151.


[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 50014: 1997 + A1..A2 EN 50018: 2000 + A1 EN 50019:2000

[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 the schedule to this certificate.

[11] This EC-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process 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 EEx ed IIC T5**

This certificate may only be reproduced in its entirety and without any change, schedule included.

Date April 4th 2003 translation issued on April 4th 2003

Prepared
Mirko Balaz

Approved
Ulisse Colombo

CENTRO ELETTROTECNICO SPERIMENTALE ITALIANO
Business Unit Certificazione

Schema di certificazione

ATEX

CESI

Il CESI è stato autorizzato dal governo italiano ad operare quale organismo di certificazione di apparecchi e sistemi destinati a essere utilizzati in atmosfera potenzialmente esplosiva con D.M. 1/3/1993, D.M. 19/6/1990, D.M. 20/7/1993 e D.M. 27/9/2000

[13]

Schedule

[14] **EC-TYPE EXAMINATION CERTIFICATE n. CESI 03 ATEX 074**

[15] **Description of equipment**

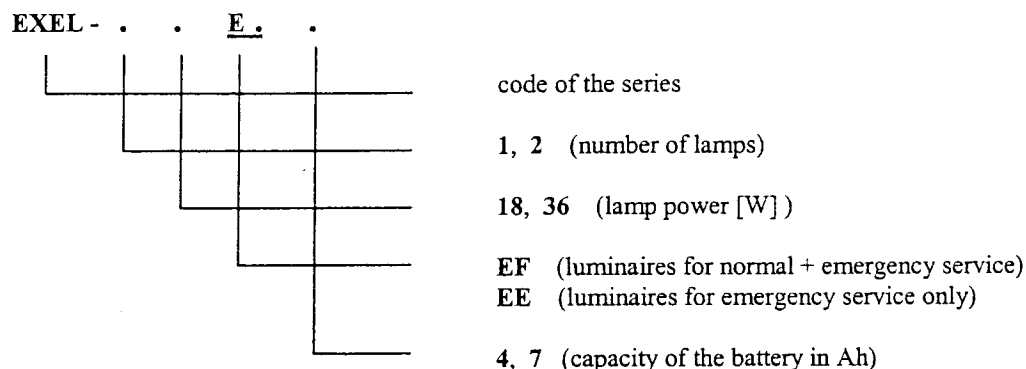
The luminaires series EXEL are made by a body in glass fibre reinforced polyester and by a transparent part in polycarbonate.

They are made in two versions:

- for normal service
- for normal service + emergency service

The luminaires series EXEL are suitable for use of tubular fluorescent lamps with bi-pin cap G13.

The luminaires series EXEL are identified by a code as follows:



In the luminaires series EXEL the following components can be installed:

- bi-pin lampholder type G-0312E, EEx e II, certificate CESI 99 ATEX 095 U;
- electronic reactor series EB., EEx d IIC, certificate CESI 00 ATEX 031 U;
- electronic inverter series EI., EEx d IIC, certificate CESI 00 ATEX 031 U;
- switch BARTEC EEx de IIC or EEx d IIC, certificate PTB 98 ATEX 1032 U
- terminals CABUR type CBD-2 or CBD-4, EEx e II, certificate CESI 01 ATEX 090 U;
- battery group series G-0309, EEx e II, certificate CESI 00 ATEX 032 U;
- signalling led type M-0487, EEx d IIC, certificate CESI 00 ATEX 060 U.

Electrical characteristics

| | |
|----------------------|----------------------------|
| Rated voltage | 110 / 230 V |
| Rated power | 18 W; 36 W; 2x18 W; 2x36 W |
| Rated frequency | 50/60 Hz |
| Degree of protection | IP 65 (EN 60529-1991) |
| Ambient temperature | - 20 ÷ + 50 °C |
| NiCd battery: | |
| - rated voltage | 6 V |
| - capacity | 4 or 7 Ah |

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[13]

Schedule

[14] **EC-TYPE EXAMINATION CERTIFICATE n. CESI 03 ATEX 074**

[15] **Description of equipment (follows)**

Warning label

“Attention to electrostatic charges”
Clean only with wet cloth or antistatic product.

The accessories used for cable entries shall be certified according to the standards EN 50014 and EN 50019 and shall guarantee a degree of protection at least IP 65.

[16] **Report n. EX-A3/012151**

Routine tests

The manufacturer shall carry out the routine tests prescribed at clause 24 of the EN 50014 standard and at clause 7 of EN 50019 standard.
The electric strength test shall be made at the voltage of 1500 V.

Descriptive documents (prot. EX-A3/012152)

| | | |
|---|-------|------------|
| - n° A4-4166 Rev. 1 (3 p.) | dated | 24.03.2003 |
| - n° A1-4163 Rev. 1 | dated | 24.03.2003 |
| - n° A3-4164 Rev. 1 | dated | 24.03.2003 |
| - n° A3-4165 Rev. 1 | dated | 24.03.2003 |
| - n° A3-4450 Rev. 1 | dated | 24.03.2003 |
| - n° A3-4451 Rev. 1 | dated | 24.03.2003 |
| - n° A3-4452 Rev. 1 | dated | 24.03.2003 |
| - n° A4-4015 Rev. 1 | dated | 24.03.2003 |
| - Safety instructions F-263 Rev. 0 (8 p.) | dated | 04.04.2001 |
| - EC declaration of conformity n. CE/0028 | dated | 04.04.2001 |

One copy of all documents is kept in CESI files.

[17] **Special conditions for safe use**

None.

[18] **Essential Health and Safety Requirements**

Covered by standards.