



[1] **EC-TYPE EXAMINATION CERTIFICATE**

[2] **Component intended for use on/in equipment or protective system
intended for use in potentially explosive atmospheres
Directive 94/9/EC**

[3] EC-Type Examination Certificate number:

CESI 99 ATEX 095 U

[4] Component: Bi-pin lampholder type G-0312; G-0312L for tubular fluorescent lamps with bi-pin cap G13

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

[6] Address: Via Aquileia, 6
I - 34070 Villesse (Gorizia)

[7] This component 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 component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of components 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-99/030944.


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

EN 50014: 1997 + A1..A2 EN 50019: 1994 + prAA: May 1999

[10] The sign "U" placed after the certificate number indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

[11] This EC-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified component. If applicable, further requirements of this Directive apply to the manufacture and supply of this component.

[12] The marking of the component shall include the following:

 **II 2 G EEx e II**

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

date 29 December 1999

prepared CERT - M. Balaz 

verified CERT - D. Cavanna 

approved CERT - U. Colombo

CESI

CENTRO ELETTROTECNICO SPERIMENTALE ITALIANO
Responsabile Area Certificazione



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[13]

Schedule

[14] EC-TYPE EXAMINATION CERTIFICATE N° CESI 99 ATEX 095 U

[15] Description of component

Bi-pin lampholders type G-0312 and G-0312L for fluorescent lamps.

The lampholder are made of glass reinforced poliester and are suitable for tubular fluorescent lamps with bi-pin cap G13.

Electrical characteristics

Rated voltage	500 V
Rated current	2 A

[16] Report N° EX-99/030944

Descriptive documents (prot. EX-99/030945)

- n° A4-4055 (pg. 11)	dated 25.11.1999
- n° A3-4054 (pg. 2)	dated 24.11.1999
- n° F-248 (pg. 2)	dated 25.11.1999
- Attestation of conformity	dated 25.11.1999

One copy of all documents is kept in CESI files.

[17] Schedule of limitations

The operating temperature range of the bi-pin lampholder is - 20 °C ÷ 110 °C

[18] Essential Health and Safety Requirements

The verifications and tests on the bi-pin lampholder have been performed in accordance with document **FINAL DRAFT EN 50019 prAA** May 1999 - Requirements for the use of bi-pin lamps in luminaires.

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EXTENSION n. 01/07



to EC-Type Examination Certificate CESI 99ATEX095U

Component: Bi-pin lampholder type G-0312 e G-0312L for tubular fluorescent lamps with bi-pin cap G 13

Manufacturer: **COR.TEM S.p.A.**

Address: Via Aquileia 10, Villesse (Gorizia - Italy)

Admitted variation

- Update to EN 60079-0: 2006 and EN 60079-7 2003 standards
- Update of nameplate.

Identification of component

The marking of the component shall include the following:



II 2GD Ex e II

This extension and annexed descriptive documents must be annexed to the EC-Type Examination Certificate CESI 99ATEX095U.

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date 20.03.2007 - translation issued the 20.03.2007

prepared Pierluigi Molinari

verified Mirko Balaz

approved Fiorenzo Bregani

CESI S.p.A.
Divisione Energia
"Area Tecnica Certificazione"
Il Responsabile

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EXTENSION n. 01/07

to EC-Type Examination Certificate CESI 99ATEX095U

Report n. EX-A7/032645

Electrical characteristics

Rated voltage 500V
Rated current 2A

Descriptive documents (prot. EX-A7/032639)

- Technical note A4-4971 Rev. 0	dated	20.03.2007
- Safety instructions F-248 Rev. 1	dated	20.03.2007
- Attestation of conformity for components n. 0013	dated	20.03.2007

One copy of all documents is kept in CESI files.

Schedule limitations

The operating temperature range of the bi-pin lampholder is - 20 °C ÷ 110 °C

Essential Health and Safety Requirements

Compliance with the Health and Safety Requirements has been assured by compliance with the following standards:
EN 60079-0: 2006 - Electrical apparatus for explosive gas atmospheres. Part 0: General requirements
EN 60079-7: 2005 - Electrical apparatus for explosive gas atmospheres. Part 7: Increased safety "e"

**EXTENSION n. 02/13**

to EC-Type Examination Certificate CESI 99ATEX095U

Component: Bi-pin lampholder type G-0312 and G-0312L for tubular fluorescent lamp with bi-pin cap G-013**Manufacturer:** COR.TEM S.p.A.**Address:** Via Aquileia 10, Villesse (Gorizia - Italia)**Admitted variation**

- New operating temperature from -40°C to + 80°C
- Updating to the new edition of the European harmonized standards

Conformity to new edition of the harmonized European standards

The components subject of the certificate CESI 99 ATEX 095U and annexed extensions are conform to the standards :

EN 60079-0 : 2012 EN 60079-7 : 2007

The components shall include the following markings:

II 2G Ex e IIC Gb

Electrical characteristics

Rated voltage	500 V
Capacity	2 A

This extension and annexed descriptive documents must be annexed to the EC-Type Examination Certificate CESI 99ATEX095U

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Date 01/07/2013 - Translation issued the 01/07/2013

Prepared
Sergio Mezzetti**Verified**
Mirko Balaz**Approved**
Fiorenzo Bregani

CESI S.p.A.
Testing & Certification Division
Business Area Certification
Responsible
Fiorenzo Bregani

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PRD N. 018B
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N. R.E.A. 429222

EXTENSION n. 02/13

to EC-Type Examination Certificate CESI 99ATEX095U

Report n. EX-B3019812

Descriptive documents (prot. EX-B3019813)

- Technical Note A4-5661	Rev. 1	dated	24/05/2013
- Drawing A3-4054 (2 sheets)	Rev. 1	dated	24/05/2013
- Fac-simile of Attestation of Conformity of components N° 0013		dated	24/05/2013
- Safety Instruction F-248 (3 pg)	Rev.2	dated	24/05/2013

One copy of all documents is kept in CESI files.

Schedule limitations

- Operating temperature limit from -40 °C to $+80\text{ °C}$.
- The lampholders shall be installed in an lighting fixture having a degree of protection at least IP54.

Essential Health and Safety Requirements

Covered by compliance to the following standards:

- EN 60079-0 : 2012– Electrical apparatus for explosive gas atmospheres: General requirements
- EN 60079-7: 2007 - Explosive atmospheres: increased safety “e”

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