

(1) **CERTIFICATE OF CONFORMITY**

(2) KEMA No. Ex-96.D.3608

(3) This certificate is issued for the electrical apparatus:

Fiber Optic Illuminator Type EPL 60-...-CEN

(4) Manufacturer:

**CLARK-RELIANCE CORP.
16633 Foltz Industrial Parkway
Strongsville OH 44136
USA**

(5) This electrical apparatus and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

(6) KEMA, being an Approved Certification Body in accordance with Article 14 of the Council Directive of the European Communities of 18 December 1975 (76/117/EEC), confirms that the apparatus has been found to comply with the harmonised European standards:

Electrical apparatus for potentially explosive atmospheres

EN 50 014 : 1977 + A1 ... A5, General requirements

EN 50 018 : 1977 + A1 ... A3, Flameproof enclosure "d"

and has successfully met the examination and test requirements which are recorded in a confidential test report.

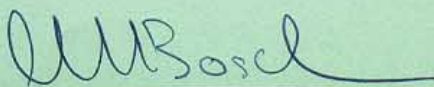
(7) The apparatus marking shall include the code:

EEx d IIB + H₂ T6

(8) The manufacturer of the electrical apparatus referred to in this certificate, has the responsibility to ensure that the apparatus conforms to the specification laid down in the Annex to this certificate and has satisfied routine verifications and tests specified therein.

(9) This apparatus may be marked with the Distinctive Community Mark specified in Annex II to the Commission Directive of 16 January 1984 (84/47/EEC).

Arnhem, 11 April 1997
by order of the Board of Directors of N.V. KEMA



C.M. Boschloo
Certification Manager

° This Certificate including the Annex forms an inseparable whole; reproduction in abridged or modified form is not permitted

A N N E X

to Certificate of Conformity KEMA No. Ex-96.D.3608

Description

Fiber Optic Illuminator Type EPL 60-...-CEN with gas filled lamp, for fixed mounting, consisting of an aluminium enclosure and an aluminium fiber optic panel.

Ambient temperature range -20 °C ... +55 °C.

Electrical data

Supply voltage	max. 230 Vac
Rated power	max. 4.85 W
Frequency	50/60 Hz

Installation instructions

The cable entry device and the closing elements of unused apertures shall be of certified types in type of protection flameproof enclosure "d", suitable for the conditions of use and correctly installed.

Routine tests

Routine tests according to Clause 15 of EN 50 018 are not required since the type test has been made at a static pressure of four times the reference pressure.

Test documentation

1. Drawing No. GD-2042)	<u>signed</u>
V-18977 Rev. 4)	
V-18981 Rev. 3)	
V-18984 Rev. 3)	21.03.1997
V-18986)	
V-18987 Rev. 2)	

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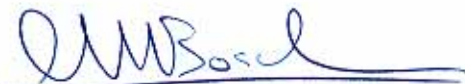
to Certificate of Conformity KEMA No. Ex-96.D.3608

Test documentation (continued)signed

Drawing No. V-18988)	
V-18990)	
V-18996 Rev. 3)	
V-18997)	
V-18998 Rev. 1)	21.03.1997
V-18999)	
V-19365)	
V-19366)	
V-19397)	

2. Samples

Arnhem, 11 April 1997
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Certification Manager