



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 SIR 05.0009** Issue No.: **2**

Status: **Current**

Date of Issue: **2006-01-23** Page **1** of **4**

Applicant: **Victor Lighting**
388 Hillington Road
Glasgow
G52 4BL
United Kingdom

Electrical Apparatus: **VL147QL Wellglass Luminaire**
Optional accessory:

Type of Protection: **Increased Safety and encapsulation**

Marking: **Ex e m II T3 (Ta = -50°C to +55°C)**

Approved for issue on behalf of the IECEX
Certification Body:

D R Stubbings BA MIET

Position:

Certification Manager

Signature:
(for printed version)

Date:

2006-01-23

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:

SIRA Certification Service

South Hill
Chislehurst
Kent BR7 5EH
United Kingdom

sira
CERTIFICATION



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Manufacturer: **Victor Lighting**
New York Way
New York Industrial Estate
Newcastle-upon-Tyne
NE27 0QF
United Kingdom

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 manufacture'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 : 2000 Edition: 3.1	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-18 : 1992 Edition: 1	Electrical apparatus for explosive gas atmospheres - Part 18: Encapsulation 'm'
IEC 60079-7 : 2001 Edition: 3	Electrical apparatus for explosive gas atmospheres - Part 7: Increased safety 'e'

*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

IECEX ATR:
UK/SIR/05/R51A12704B

File Reference:
51A12704
ITS 04012915



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The VL147QL Wellglass Luminaire is rated at 110 V to 130 V or 220 V to 250 V, AC/DC, 50/60 Hz and can either be ceiling, wall or floor mounted. The VL147QL Wellglass Luminaire comprises:

A **cylindrical main body** manufactured from cast aluminium alloy LM6 or LM25, it houses an encapsulated ballast and an increased safety terminal block and has up to two cable entry points.

A **lampglass ring** manufactured from cast aluminium alloy LM6 or LM25.

A **lampglass retaining plate** manufactured from mild steel or stainless steel.

A **dome shaped lampglass** manufactured from 8 mm thick toughened borosilicate glass, which can be supplied in different colours.

The lampglass is retained within the lampglass ring by the retaining plate and polyurethane resin; this assembly is then secured to the lampglass ring by six M6 x 16 socket head screws. The lampglass ring is secured to the main body by six M8 x 25 socket head cap screws.

The voltage rating, power rating and type of lamp used in the luminaire is indicated on the product label; there are two different lamp options:

- * 55 W QL Induction Lamp
- * 85 W QL Induction Lamp

The VL147QL Wellglass Luminaire, when fitted with associated control gear and different lamps, has a temperature class of T3 when mounted in different orientations in an ambient temperature range of -50°C to +55°C.

CONDITIONS OF CERTIFICATION: NO



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

1. Change of manufacturer name and address
2. Change of manufacturer name