



1 **TYPE EXAMINATION CERTIFICATE**

2 **Equipment Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 Type Examination Certificate Number: **Baseefa07ATEX0119X**
4 Equipment: **VL71 Range of Floodlights**
5 Manufacturer: **Victor Lighting**
6 Address: **PO Box 5571, Glasgow, G52 9AH**

7 This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Baseefa (2001) Ltd. certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment of Category 3 intended for use in potentially explosive atmospheres given in Annex II to European Union Directive 94/9/EC of 23 March 1994.

The examination and test results are recorded in confidential Report No. **GB/BAS/ExTR07.0061/00**

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

EN 60079-15:2003, EN 61241-0:2006 and EN 61241-1:2004

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

11 This TYPE EXAMINATION CERTIFICATE relates only to the design of the specified equipment and not to specific items of equipment subsequently manufactured.

12 The marking of the equipment shall include the following :

⊕ II 3GD Ex nR II T(see schedule) Ex tD A22 T(see schedule) IP66 and IP67 Tamb (see schedule)

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

Baseefa Customer Reference No. **5421**

Project File No. **07/0306**

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

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R S SINCLAIR
DIRECTOR
On behalf of
Baseefa (2001) Ltd.



13

Schedule

14

Certificate Number Baseefa07ATEX0119X

15 Description of Equipment

The Victor Lighting VL71 Range of Floodlights consist of a fabricated stainless steel enclosure with a glass cover held in a stainless steel frame. The cover is secured to the enclosure using 6 clips and ingress protection is ensured by a silicone sponge gasket adhered to the glass cover. A 'U' shaped bracket is bolted to the enclosure body to enable the luminaire to be mounted in the chosen orientation.

Control gear, if required, is mounted behind the reflector in the base of the luminaire enclosure. The control gear is component certified under BAS98ATEX3379U. An auto-transformer may be used which can either be located within the luminaire enclosure or in a separate gear box. The optional gear box consists of a fabricated rectangular stainless steel enclosure and cover. The cover is secured to the enclosure using six M5 screws and ingress protection is ensured by a silicone sponge gasket adhered to the cover. The gear box may also contain capacitors and certified Ex e terminals.

The optional gear box may be marked:

Ⓔ II 3GD Ex nA II T(see schedule) Ex tD A22 T(see schedule) IP66 Tamb (see schedule)

The VL71 Range of Luminaires consists of the following models:

CAT REF	LAMP	WATTS	LAMP CAP	VOLTAGE	CAPACITOR	AUTO TRANSFORMER	T CLASS	AMB. °C	MAX SURFACE TEMP °C
REGN/150/MS	SON/T	150	E40	220-254V 50Hz, 60Hz	20MF	-	T4	60	110
REGN/250/MS	SON/T	250	E40	"	2 x 15MF	-	T4	55	125
REGN/400/MS	SON/T	400	E40	"	2 x 20MF	-	T3	50	145
REGN/150/MS	MBI/T	150	E40	"	20MF	-	T4	60	105
REGN/250/MS	MBI/T	250	E40	"	2 x 15MF	-	T4	55	130
REGN/400/MS	MBI/T	400	E40	"	2 x 20MF	-	T3	50	150
REGN/150/MS*	SON/T	150	E40	110-120v 50Hz	20MF	500VA	T4	55	95
REGN/250/MS*	SON/T	250	E40	"	2 x 15MF	500VA	T4	55	120
REGN/400/MS**	SON/T	400	E40	"	2 x 20MF	500 to 1250VA	T3	55	145
REGN/150/MS*	MBI/T	150	E40	"	20MF	500VA	T4	55	95
REGN/250/MS*	MBI/T	250	E40	"	2 x 15MF	500VA	T4	55	120
REGN/400/MS**	MBI/T	400	E40	"	2 x 20MF	500 to 1250VA	T3	55	160
REGN/500/TH	T/HAL	≤ 500	E40		-	-	T3	55	155

16 Report Number

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17 Special Conditions for Safe Use

1. Atex approved cable entry devices which are proven to maintain the restricted breathing properties and ingress protection rating of the enclosure must be used.

18 Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
D6117	1	00	4/4/07	General arrangement
D6117	2	00	4/4/07	Gear box and wiring diagram

The above drawings are common to, and held on, IECEX BAS 07.0025X.