

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

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Certificate No.:	IECEx SIR 06.0108X	issue No.:1	Certificate history: Issue No. 1 (2007
Status:	Current		Issue No. 0 (2007
Date of Issue:	2007-09-05	Page 1 of 4	
Applicant:	Chalmit Lighting PO Box 5575 Glasgow G52 9AP United Kingdom		
Electrical Apparatus: Optional accessory:	Sterling Mk II and Sterlin	g Mk II E Luminaires	
Type of Protection:	Type nA and Dust		
Marking:	Ex nA II T* Tamb = -20°C Ex tD A21 IP6X or Ex tD A22 IP6X (* See Annexe for applic ranges and temperatures	able temperature classes, ambier	nt temperature
Approved for issue on be Certification Body:	half of the IECEx	C Ellaby	
Position:		Certification Officer)
Signature: (for printed version)			<u></u>
Date:		2007-09-05	
2. This certificate is not tr		ced in full. property of the issuing body. be verified by visiting the Official IEC	CEx Website.

Certificate issued by:

SIRA Certification Service Rake Lane **Eccleston** Chester CH4 9JN United Kingdom





IECEx Certificate of Conformity

Certificate No.:

IECEx \$IR 06.0108X

Date of Issue:

2007-09-05

Issue No.: 1

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Manufacturer:

Chalmit Lighting PO Box 5575 Glasgow G52 9AP 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'rs 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: 2004

Electrical apparatus for explosive gas atmospheres - Part 0: General requirements

Edition: 4.0

IEC 60079-15 : 2005-

Electrical apparatus for explosive gas atmospheres Part 15: Contruction, test and

Electrical apparatus for use in the presence of combustible dust - Part 0: General

Marking of Type of Protection "n" electrical apparatus

Edition: Ed 3

IEC 61241-0: 2004

Edition: 1

Edition: 1

IEC 61241-1: 2004

Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by

Edition: 1 enclosures "tD"

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

Test Report:

GB/SIR/ExTR07.0050/00 GB/SIR/ExTR07.0079/00

Quality Assessment Report: GB/BAS/QAR06.0027/00



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Sterling Mk II and Sterling Mk II E Fluorescent Luminaires are manufactured with single or twin T8 bipin lamps. They are used with either a 120 or 240 V a.c. high frequency ballast or via a 120 to 240 V a.c step up transformer with the 240V Hf ballast or with the copper/iron control gear. The Luminaires comply with EN 60598. For a full description, see Certificate Annexe.

CONDITIONS OF CERTIFICATION: YES as shown below:

- The Luminaire shall only be installed where there is a low risk of mechanical damage. When
 refitting the diffuser, the fixing clamps shall be re-secured with the original or replacement selftapping screws.
- The Luminaires shall be fitted with suitably certified cable glands and blanking devices
 maintaining with the enclosure an ingress protection rating minimum of IP54 (non-combustible
 dusts) or IP64 (combustible dusts).
- 3. Fasteners through the enclosure used for mounting purpose shall be fitted with appropriate sealing washers to maintain the ingress protection rating of the enclosure.



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

This Issue introduced the following changes:

- Table B for the Range of Emergency Luminares with HF Control Gear was corrected to rectify typographical errors.
- 2. Tables A and B were amended to recognise the addition of new Luminaires to these ranges.
- 3. Tables D and E were introduced to recognise the addition of new, 120 254 Volts rated, Non-Emergency and Emergency Luminares with HF Control Gear to the range.
- 4. The information shown on the product marking label was rationalised.

Annexe: 06.0108X_lssue1_Annexe.pdf

Annexe to:

IECEX SIR 06.0108X Issue 1

Applicant:

Chalmit Lighting

Apparatus:

Sterling II or Sterling II E Luminares



Product Description

The Sterling Mk II Fluorescent Luminaires are manufactured with single or twin T8 bi-pin lamps. For use with either a 120 or 240 V a.c. high frequency ballast or via a 120 to 240 V a.c step up transformer with the 240V Hf ballast, or also as specified below with the copper/iron control gear. The Luminaires comply with EN 60598.

Each unit comprises a glass filled polyester or stainless steel body with a polycarbonate diffuser secured by stainless steel clips. The enclosure is sealed by an EPDM gasket, which fits between the body and diffuser. At each end of the body, there are cable entry holes, which are fitted with blanks.

Inside the luminaire, there is a gear tray and, when fitted with an electronic ballast, comprises lamp holders, terminal blocks and optional transformer. When fitted with the alternative copper iron wound ballast additionally has a capacitor and starter fitted.

The gear tray is held in place by stainless steel spring clips, which are mounted directly to the body. Additionally the gear tray is fitted with suspension cords to the main body to aid maintenance.

The Sterling Mk II E Fluorescent Luminaires are the emergency versions of the Sterling Mk II Fluorescent Luminaires and are supplied in single or twin lamp versions. On failure of the supply, a single lamp is maintained by the internal battery pack. The emergency versions are further fitted with a battery pack and charger/inverter unit.

The battery pack comprises five nickel-cadmium cells connected in series as a single unit. The battery is rated at 6.0 V, 4 Ah.

The Luminaires may be supplied as through wired versions with a terminal block at each end of the gear tray. With the stainless steel bodied Luminaires also having the facility for looping conductors.

Fixing of the Luminaire is by holes drilled in the enclosure body. Sealing washers are provided to ensure the enclosure is sealed. For Luminaires intended to be used in hazardous dust atmospheres, self-tapping screws are provided to secure the lens clips in position.

The rating marking, including the voltage rating, the type of lamp and the power rating is indicated on the product label.

Attitude positions

Standard & Emergency Luminaires with either: Ceiling / pendant mounting, horizontal wall mounting-lamp forward or outreach pole facing down or horizontal-lamp forward mountings.

Conditions of Manufacture

The manufacturer shall note the following conditions of manufacture:

- i An electrical strength test of 1890V, rms [1.2x1.05(2U+1000)] shall be applied between live and neutral for at least 100 ms as required by clause 34.2.1 of EN 60079-15:2005.
- ii When Arlen EFAFTB1 fused type supply terminals are fitted. A label is to be fitted close to the fuse holder to indicate the correct fuse type and rating.

Sira Certification Service

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Date:

Annexe to: IECEx SIR 06.0108X Issue 1

Applicant: Chalmit Lighting

Apparatus: Sterling II or Sterling II E Luminares



Temperature Ratings

		TABLE A		
			vith HF Control Gear	
Nom. Volts:		Inverter:		ırface Temp (Dust):
120 V - 240) V with HF Ballast	N/A	T4	+85°C
Lamp	Body	Body Material	Ballast	Tamb Max
1 x 18 W	Single	GRP	1 x 18 W	+45°C
1 x 18 W	Twin	GRP	1 x 18 W	+45°C
1 x 18 W	Twin	SS	1 x 18 W	+45°C
2 x 18 W	Twin	GRP	2 x 18 W	+45°C
2 x 18 W	Twin	SS	2 x 18 W	+45°C
1 x 36 W	Single	GRP	1 x 36 W	+45°C
1 x 36 W	Twin	GRP	1 x 36 W	+45°C
1 x 36 W	Twin	SS	1 x 36W	+45°C
2 x 36 W	Twin	GRP	2 x 36 W	+45°C
2 x 36 W	Twin	SS	2 x 36 W	+45°C
1 × 58 W	Single	GRP	1 x 58 W	+45°C
1 x 58 W	Twin	GRP	1 x 58 W	+45°C
1 × 58 W	Twin	SS	1 x 58 W	+35°C
2 x 58 W	Twin	GRP	2 x 58 W	+45°C
2 x 58 W	Twin	SS	2 × 58 W	+45°C
	1 17(1)	45	2 X 50 11	, ,,,
	om. Volts:	Inverter:		urface Temp (Dust):
No	om. Volts:			
No 120 V with step-		Inverter:	T Class: Max Si	ırface Temp (Dust):
No 120 V with step- V	om. Volts: up Transformer and 240	Inverter:	T Class: Max Si T4 Ballast	ırface Temp (Dust):
No 120 V with step- V Lamp	om. Volts: up Transformer and 240 HF Ballast	I nverter: N/A	T Class: Max St	urface Temp (Dust): +85°C
120 V with step- V Lamp 1 x 18 W	om. Volts: up Transformer and 240 HF Ballast Body	Inverter: N/A Body Material GRP GRP	T Class: Max Si T4 Ballast	rface Temp (Dust): +85°C Tamb Max +30°C +30°C
No 120 V with step-	om. Volts: up Transformer and 240 HF Ballast Body Single	Inverter: N/A Body Material GRP	T Class: Max St T4 Ballast 1 x 18 W	rface Temp (Dust): +85°C Tamb Max +30°C
120 V with step- V Lamp 1 x 18 W 1 x 18 W 1 x 18 W	om. Volts: up Transformer and 240 HF Ballast Body Single Twin	Inverter: N/A Body Material GRP GRP	T Class: Max St T4 Ballast 1 x 18 W 1 x 18 W	Tamb Max +30°C +30°C +30°C +30°C +30°C
120 V with step- V Lamp 1 × 18 W 1 × 18 W 1 × 18 W 2 × 18 W	pm. Volts: up Transformer and 240 HF Ballast Body Single Twin Twin	Inverter: N/A Body Material GRP GRP SS	T Class: Max St T4 Ballast 1 × 18 W 1 × 18 W 1 × 18W	#85°C Tamb Max +30°C +30°C +30°C
120 V with step- V Lamp 1 x 18 W 1 x 18 W 1 x 18 W 2 x 18 W	pm. Volts: up Transformer and 240 HF Ballast Body Single Twin Twin Twin	Inverter: N/A Body Material GRP GRP SS GRP	T Class: Max St T4 Ballast 1 × 18 W 1 × 18 W 1 × 18W 2 × 18 W	Tamb Max +30°C +30°C +30°C +30°C +30°C
120 V with step- V Lamp 1 x 18 W 1 x 18 W 1 x 18 W 2 x 18 W 2 x 18 W 1 x 36 W	om. Volts: up Transformer and 240 HF Ballast Body Single Twin Twin Twin Twin Twin	Inverter: N/A Body Material GRP GRP SS GRP SS GRP SS	T Class: Max St T4 Ballast 1 x 18 W 1 x 18 W 1 x 18W 2 x 18 W 2 x 18 W	Tamb Max +30°C +30°C +30°C +30°C +30°C +30°C +30°C
120 V with step- V Lamp 1 × 18 W 1 × 18 W 1 × 18 W 2 × 18 W 2 × 18 W	pm. Volts: up Transformer and 240 HF Ballast Body Single Twin Twin Twin Twin Twin Single	Inverter: N/A Body Material GRP GRP SS GRP SS GRP SS GRP	T Class: Max Start T4 Ballast 1 x 18 W 1 x 18 W 1 x 18 W 2 x 18 W 2 x 18 W 1 x 36 W	Tamb Max +30°C +30°C +30°C +30°C +30°C +30°C +30°C +30°C +30°C
120 V with step- V Lamp 1 x 18 W 1 x 18 W 1 x 18 W 2 x 18 W 2 x 18 W 1 x 36 W 1 x 36 W	pm. Volts: up Transformer and 240 HF Ballast Body Single Twin Twin Twin Twin Twin Single Twin	Inverter: N/A Body Material GRP GRP SS GRP SS GRP SS GRP GRP GRP	T Class: Max Start T4 Ballast 1 x 18 W 1 x 18 W 1 x 18 W 2 x 18 W 2 x 18 W 1 x 36 W 1 x 36 W	#85°C Tamb Max +30°C +30°C +30°C +30°C +30°C +30°C +30°C +30°C +30°C
120 V with step- V Lamp 1 x 18 W 1 x 18 W 1 x 18 W 2 x 18 W 2 x 18 W 1 x 36 W 1 x 36 W 1 x 36 W	pm. Volts: up Transformer and 240 HF Ballast Body Single Twin Twin Twin Twin Single Twin Single Twin	Inverter: N/A Body Material GRP GRP SS GRP SS GRP SS GRP SS GRP SS	T Class: Max Start T4 Ballast 1 x 18 W 1 x 18 W 1 x 18 W 2 x 18 W 2 x 18 W 1 x 36 W 1 x 36 W 1 x 36 W	#85°C Tamb Max +30°C
120 V with step- V Lamp	pm. Volts: up Transformer and 240 HF Ballast Body Single Twin Twin Twin Single Twin Single Twin Single Twin Twin Twin Twin Twin Twin Twin Twin	Inverter: N/A Body Material GRP GRP SS GRP SS GRP SS GRP SS GRP GRP GRP GRP	T Class: Max Start T4 Ballast 1 x 18 W 1 x 18 W 1 x 18 W 2 x 18 W 2 x 18 W 1 x 36 W 1 x 36 W 2 x 36 W	Tamb Max +30°C
120 V with step- V Lamp 1 x 18 W 1 x 18 W 1 x 18 W 2 x 18 W 2 x 18 W 2 x 18 W 1 x 36 W 1 x 36 W 1 x 36 W 2 x 36 W	pm. Volts: up Transformer and 240 HF Ballast Body Single Twin Twin Twin Twin Single Twin Single Twin Twin Single Twin Twin Twin Twin Twin Twin Twin Twin	Inverter: N/A Body Material GRP GRP SS GRP SS GRP SS GRP GRP GRP SS GRP SS	T Class: Max Start T4 Ballast 1 x 18 W 1 x 18 W 1 x 18 W 2 x 18 W 2 x 18 W 1 x 36 W 1 x 36 W 2 x 36 W 2 x 36 W 2 x 36 W	#85°C Tamb Max +30°C
120 V with step- V Lamp 1 x 18 W 1 x 18 W 1 x 18 W 2 x 18 W 2 x 18 W 1 x 36 W 1 x 36 W 1 x 36 W 2 x 36 W 2 x 36 W 2 x 36 W 1 x 58 W 1 x 58 W	pm. Volts: up Transformer and 240 HF Ballast Body Single Twin Twin Twin Single Twin Single Twin Twin Single Twin Twin Twin Twin Twin Twin Twin Twin	Inverter: N/A Body Material GRP GRP SS GRP SS GRP SS GRP GRP SS GRP GRP SS GRP SS GRP	T Class: Max Start T4 Ballast 1 x 18 W 1 x 18 W 1 x 18 W 2 x 18 W 2 x 18 W 1 x 36 W 1 x 36 W 1 x 36 W 2 x 36 W 2 x 36 W 1 x 58 W	Tamb Max +30°C
120 V with step- V Lamp 1 x 18 W 1 x 18 W 1 x 18 W 2 x 18 W 2 x 18 W 2 x 18 W 1 x 36 W 1 x 36 W 1 x 36 W 2 x 36 W 2 x 36 W 2 x 36 W 2 x 36 W 1 x 58 W	pm. Volts: up Transformer and 240 HF Ballast Body Single Twin Twin Twin Single Twin Twin Single Twin Twin Twin Single Twin Twin Twin Twin Twin Twin Twin Twin	Inverter: N/A Body Material GRP GRP SS GRP SS GRP SS GRP GRP GRP SS GRP GRP GRP SS	T Class: Max Start T4 Ballast 1 x 18 W 1 x 18 W 1 x 18 W 2 x 18 W 2 x 18 W 1 x 36 W 1 x 36 W 1 x 36 W 2 x 36 W 2 x 36 W 1 x 58 W 1 x 58 W	#85°C Tamb Max +30°C +30°C

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Annexe to:

IECEx SIR 06.0108X Issue 1

Applicant:

Chalmit Lighting

Apparatus:

Sterling II or Sterling II E Luminares



		TABLE B		
		rgency Luminares with		
	. Volts:	Inverter:		rface Temp (Dust)
120 V - 240 V	with HF Ballast	VL111 with or without	T4	+85°C
Lamp	Body	auto test facility Body Material	Ballast	Tamb Max
Lamp 1 x 18 W	Twin	GRP	1 x 18 W	+40°C
1 × 18 W	Twin	SS	1 x 18 W	+40°C
2 × 18 W	Twin	GRP	2 x 18 W	+40°C
2 × 18 W	Twin	SS	2 x 18 W	+40°C
1 x 36 W	Twin	GRP	1 x 36 W	+40°C
1 × 36 W	Twin	SS	1 x 36 W	+40°C
2 x 36 W	Twin	GRP	2 x 36 W	+40°C
2 x 36 W	Twin	SS	2 x 36 W	+40°C
1 x 58 W	Twin	GRP	1 x 58 W	+40°C
1 × 58 W	Twin	SS	1 x 58 W	+30°C
2 × 58 W	Twin	GRP	2 x 58 W	+40°C
2 x 58 W	Twin	SS	2 x 58 W	+40°C
			2 X 30 VV	T-10 C
	. Voits:	Inverter:		rface Temp (Dust)
	Transformer and 240	VL111 with or without	T4	+85°C
	Ballast	auto test facility		
Lamp	Body	Body Material	Ballast	Tamb Max
1 × 18 W	Twin	GRP	1 x 18 W	+30°C
1 x 18 W	Twin	SS	1 x 18 W	+30°C
2 x 18 W	Twin	GRP	2 x 18 W	+30°C
2 x 18 W	Twin	SS	2 x 18 W	+30°C
1 x 36 W	Twin	GRP	1 x 36 W	+30°C
1 x 36 W	Twin	SS	1 x 36 W	+30°C
2 x 36 W	Twin	GRP	2 x 36 W	+30°C
2 x 36 W	Twin	SS	2 x 36 W	+30°C
1 × 58W	Twin	GRP	1 x 58 W	+30°C
1 × 58W	Twin	SS	1 x 58 W	+20°C
2 x 58 W	Twin	GRP	2 x 58 W	+30°C
2 x 58 W	Twin	SS	2 x 58 W	+30°C

Date: 5 September 2007

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Annexe to: IECEx SIR 06.0108X Issue 1

Applicant: Chalmit Lighting

Apparatus: Sterling II or Sterling II E Luminares



			TABLE C			
	Range	of Non-Emergenc		ith Cu / Fe Co	ntrol Gear	
T Class: Max Surface Temp (Dust):					ıst):	
		<u>[4</u>	+85°C			
Lamp	Body	Body Material	Nom. Volts	Choke	Circuit Type	Tamb Max
1 x 18 W	Single	GRP	200 - 250	1 x 18 W	Series	+35°C
1 × 18 W	Twin	GRP	100 - 130	1 x 18 W	Series	+40°C
1 x 18 W	Twin	SS	100 - 130	1 x 18 W	Series	+40°C
1 x 18 W	Twin	GRP	200 - 250	1 × 18 W	Series	+40°C
1 × 18 W	Twin	SS	200 - 250	1 x 18 W	Series	+40°C
2 x 18 W	Twin	GRP	100 - 130	2 x 18 W	Parallel	+45°C
2 x 18 W	Twin	SS	100 - 130	2 x 18 W	Parallel	+45°C
2 x 18 W	Twin	GRP	200 - 250	1 x 36 W	Series	+50°C
2 x 18 W	Twin	SS	200 - 250	1 x 36 W	Series	+50°C
2 x 18 W	Twin	GRP	200 - 250	2 x 18 W	Parallel	+40°C
2 × 18 W	Twin	SS	200 - 250	2 x 18 W	Parallel	+40°C
1 x 36 W	Single	GRP	100 - 130	1 x 36 W	Series	+35°C
1 x 36 W	Single	GRP	200 - 250	1 x 36 W	Series	+40°C
1 x 36 W	Twin	GRP	100 - 130	1 x 36 W	Series	+45°C
1 x 36 W	Twin	SS	100 - 130	1 x 36 W	Series	+35°C
1 x 36 W	Twin	GRP	200 - 250	1 x 36 W	Series	+50°C
1 x 36 W	Twin	SS	200 - 250	1 × 36 W	Series	+40°C
2 x 36 W	Twin	GRP	100 - 130	2 x 36 W	Parallel	+40°C
2 x 36 W	Twin	SS	100 - 130	2 x 36 W	Parallel	+40°C
2 x 36 W	Twin	GRP	200 - 250	2 x 36 W	Parallel	+45°C
2 x 36 W	Twin	SS	200 - 250	2 x 36 W	Parallel	+45°C
1 × 58 W	Single	GRP	100 - 130	1 x 58 W	Series	+25°C
1 x 58 W	Single	GRP	200 - 250	1 × 58 W	Series	+30°C
1 × 58 W	Twin	GRP	100 - 130	1 × 58 W	Series	+35°C
1 × 58 W	Twin	SS	100 - 130	1 × 58 W	Series	+25°C
1 × 58 W	Twin	GRP	200 - 250	1 x 58 W	Series	+40°C
1 x 58 W	Twin	SS	200 - 250	1 × 58 W	Series	+30°C
T Class: Max Surface Temp (Dust): (150°C) T3 +85°C			ıst):			
Lamp	Body	Body Material	Nom. Volts	+85°C Nom. Volts Choke Circuit Type Tamb Ma		
2 x 58 W	Twin	GRP	100 - 130	2 x 58 W	Parallel	+25°C
2 x 58 W	Twin	SS	100 - 130	2 × 58 W	Parallel	+25°C
2 x 58 W	Twin	GRP	200 - 250	2 x 58 W	Parallel	+30°C
2 x 58 W	Twin	SS	200 - 250	2 x 58 W	Parallel	+30°C

Date: 5 September 2007 Page 4 of 5 Rake Lane, Ecclesi

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Applicant:

Chalmit Lighting

Apparatus:

Sterling II or Sterling II E Luminares



		TABLE D				
Range of Non-Emergency Luminares with HF Control Gear						
Nom. Volts: Inverter: T Class: Max Surface Temp (Du						
120 V - 254 V with HF Ballast		N/A	T4	+85°C		
Lamp	Body	Body Material	Ballast	Tamb Max		
1 x 18 W	Single	GRP	1 x 18 W	+35C°		
1 x 18 W	Twin	GRP	1 x 18 W	+35°C		
1 × 18 W	Twin	SS	1 x 18 W	+35°C		
2 x 18 W	Twin	GRP	2 x 18 W	+32°C		
2 x 18 W	Twin	SS	2 x 18 W	+32°C		
1 x 36 W	Single	GRP	1 x 36 W	+35°C		
1 x 36 W	Twin	GRP	1 x 36 W	+35°C		
1 x 36 W	Twin	SS	1 x 36 W	+35°C		
2 x 36W	Twin	GRP	2 x 36 W	+35°C		
2 x 36W	Twin	SS	2 x 36 W	+35°C		
1 x 58 W	Single	GRP	1 × 58 W	+35°C		
1 x 58 W	Twin	GRP	1 x 58 W	+35°C		
1 x 58 W	Twin	SS	1 × 58 W	+25°C		
2 x 58 W	Twin	GRP	2 x 58 W	+35°C		
2 x 58 W	Twin	SS	2 x 58 W	+35°C		

2 x 58 W	Twin	SS	2 x 58 W		+35°C	
TABLE E						
Range of Emergency Luminares with HF Control Gear						
Nom. \	/olts:	Inverter:	Inverter: T Class: Max		x Surface Temp (Dust):	
120 V - 254 V v	vith HF Ballast	VL111 with or without auto	uto T4		+85°C	
		test facility				
Lamp	Body	Body Material	Ballast		Tamb Max	
1 x 18 W	Twin	GRP	1 x 18 W		+35°C	
1 x 18 W	Twin	SS	1 x 18 W		+35°C	
2 x 18 W	Twin	GRP	2 x 18 W		+35°C	
2 x 18 W	Twin	SS	2 x 18	W	+35°C	
1 x 36 W	Twin	GRP	1 x 36 W		+35°C	
1 x 36 W	Twin	SS	1 x 36 W		+35°C	
2 x 36 W	Twin	GRP	2 x 36 W		+35°C	
2 x 36 W	Twin	SS	2 x 36 W		+35°C	
1 x 58 W	Twin	GRP	1 x 58	W	+35°C	
1 x 58 W	Twin	SS	1 x 58	W	+25°C	
2 × 58 W	Twin	GRP	2 × 58	W	+35°C	
2 x 58 W	Twin	SS	2 x 58	W	+35°C	

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