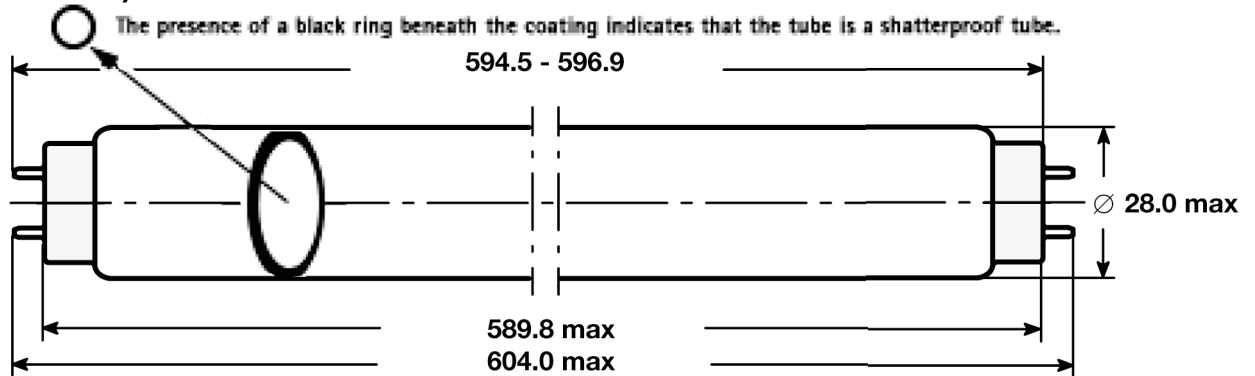




DIMENSIONS (mm):

Nominal dimensions: 600 x 26



Cap: G13 (IEC61-1 sheet 7004-51-8)

ELECTRICAL DATA			NOMINAL VALUE	MIN.	MAX.
Frequency		(Hz):	50		
Lamp nominal wattage		(W):	18		
Lamp rated wattage	Single operation	(W):	18.0	16.6	19.4
	Series operation	(W):	38		
Lamp operating voltage		(V):	57.0	50.0	64.0
Lamp current	Single operation	(mA):	370		
	Series operation (mA):	(mA):	430		
Preheat current	Single operation (mA):	(mA):	550		
	Series operation (mA):	(mA):	650		

OPERATING CONDITIONS			NOMINAL VALUE	MIN.	MAX.
Cap rim temperature		(°C):			125
Lamp ambient temperature		(°C):		- 20	
Ballast impedance	Single operation	(Ω/V):	270/127, 540/220, 580/230, 610/240		
	Series operation	(Ω /V):	390/220, 420/230, 452/240		
Starter	Single operation :		FS-11, FS-22, COP-11, COP-22		
	Series operation:		FS-22, COP22		
Burning position			Any		

LAMP LIFE*				MIN.	MAX.
Average life (50% failure rate)		(h):		14000	
Individual life		(h):		6 000	

RADIATION DATA			
COLOUR No.	UVA-A irradiance 1 m distance To bare lamp (315 - 400nm) (μW/cm2)	UV-B irradiance 1 m distance To bare lamp (280-315nm) (μW/cm2)	ILCOS - Code
BLACKLIGHT Average at 0 h	45.3	0.04	XUV/FD 18-E-G13-26/600

ATTENTION: This UV energy source emits UV radiation. Avoid exposure to skin and eyes. Lamps comply with the requirements of IEC/EN60081 and IEC/EN61195. Starter and ballast must comply with IEC/EN60155 AND IEC/EN60921. *Life test according to IEC/EN60081, Annex C.

Issued by: SLI Lichtsysteme Date: 09.03.2005 Revision Date: 20.05.2005	DATA SHEET	Specification No: 51P-5932A Supersedes:51P-5932 09.03.05 Page 1 of 2
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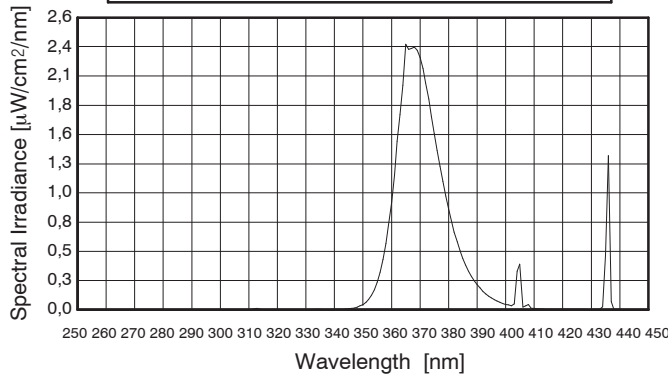
Evaluation acc. EN60335 -2 59

MW from 4 18W Data files

1

0 h

A) Spectral Irradiance vs. Wavelength



Spectral Irradiance @ 1m distance

UVA = 45,3 μW/cm²
UVB = 0,04 μW/cm²
UVB/UVA = 0,08 %

Wavelength range acc. to CIE

UVA : 315 - 400 nm

UVB : 280 - 315 nm

Lamp parameter:

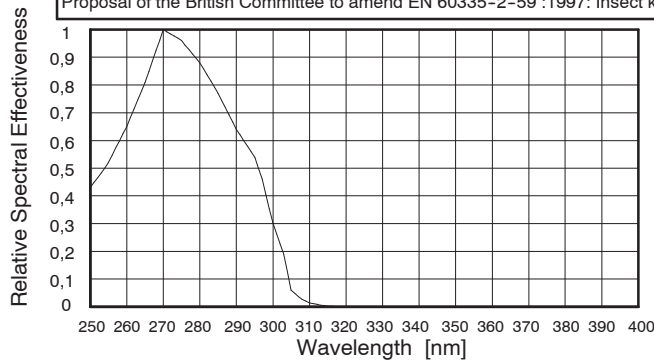
Voltage 57,225V

Current 0,347A

Power 16,4 W

B) UV Action Curve vs. Wavelength

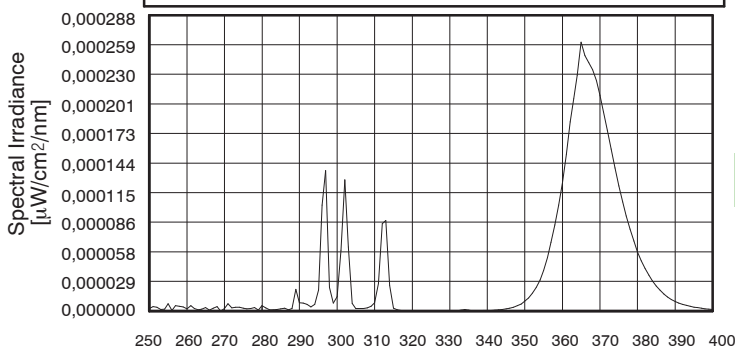
Proposal of the British Committee to amend EN 60335-2-59 :1997: Insect killers



Acc. to EN 60335-2-59 : 1997
CLC/TC61(GB)579

Total Effective Irradiance @ 1m distance
Max. 1 mW/m²

C) Total Effective Irradiance vs. Wavelength = A) x B)



Total Effective Irradiance @ 1m distance
0,052 mW/m²

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DATA SHEET

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Supersedes:51P-5932 09.03.05
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