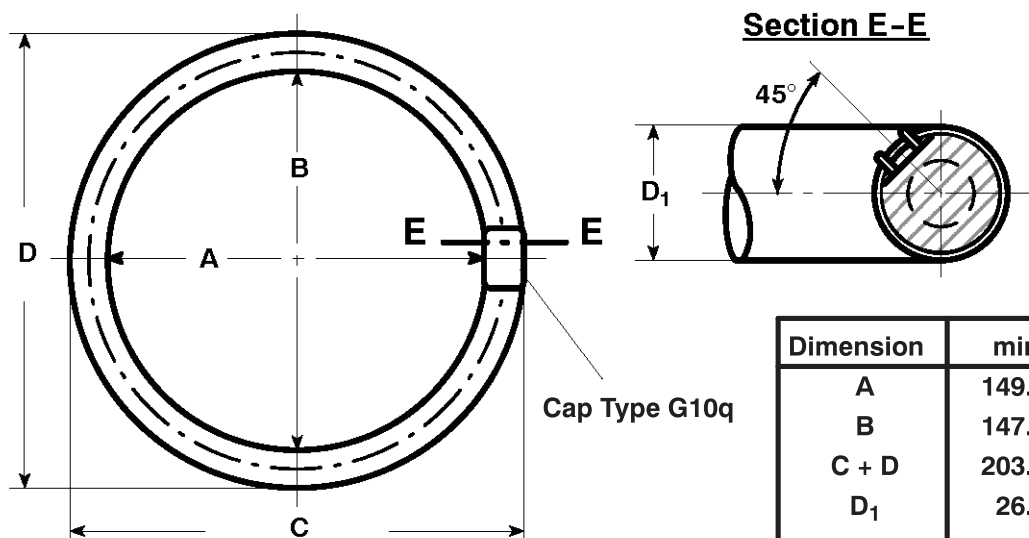


DIMENSIONS (mm) :



Dimension	min.	max.
A	149.1	155.6
B	147.6	157.2
C + D	203.2	215.9
D ₁	26.2	30.9

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

ELECTRICAL DATA

		NOMINAL VALUE	MIN.	MAX.
Frequency	(Hz) :	50/60		
Lamp nominal wattage	(W) :	32		
Lamp rated wattage	single operation (W) :	22.0	20.4	23.6
	series operation (W) :			
Lamp operating voltage	(r.m.s.) (V) :	62.0	55.0	69.0
Lamp current	single operation (mA) :	400		
	series operation (mA) :			
Preheat current	single operation (mA) :			
	series operation (mA) :			

OPERATING CONDITIONS

		NOMINAL VALUE	MIN.	MAX.
Lamp ambient temperature	(°C) :		-20	
Ballast	(Ω/V) :	415/220, 445/230, 470/240		
Lamp operation with standard ballast	:	32W, 230V/50Hz		
Starter	:	FS-11, COP-11		
Burning position	:	any		

LAMP LIFE *

Average life (50% failure rate)	(h) :			
Individual life	(h) :		8000	

ATTENTION:

This UV energy source emits UV radiation. Avoid exposure to skin and eyes.
Lamps comply with the requirements of EN 60081 and EN 61195, respectively.
Starter and ballast must comply with EN 60155 and EN 60921, respectively.
* Life test according to EN 60081, Annex C.

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<u>PHOTOMETRIC DATA:</u>	CONDITIONS	MIN	NOM	Max	UNIT
Rated Lumen	0hr	120	130		lm
Rated Lumen	100hr	113	123		lm
Color Point X,Y	100hr	X 0.221 / Y 0.238			
Color Rendering Index	100hr	20	25		
Peak wave Length			370		nm
Average Wave			374		nm
UV parameter UVA+UVB			1.75		mW/klm
Average Life			8,000		hrs
COLOUR	UV-A irradiance 1m distance bare lamp (315-400nm) ($\mu\text{W}/\text{cm}^2$)	UV-B irradiance 1m distance bare lamp (280-315nm) ($\mu\text{W}/\text{cm}^2$)		ILCOS-Code	
BLACKLIGHT average at 0 h	42,2	0,31		XUV/FC-32-E-G10q-	

ATTENTION:

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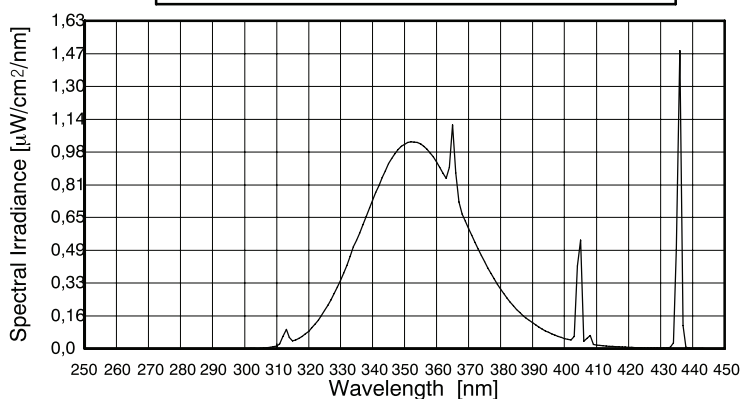
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Evaluation acc. EN60335-2-59

AVG FC32W-8-inch

0 h

A) Spectral Irradiance vs. Wavelength



Spectral Irradiance
@ 1m distance

UVA = 42,2 μW/cm²

UVB = 0,31 μW/cm²

UVB/UVA = 0,74 %

Wavelength range acc. to CIE

UVA : 315 - 400 nm

UVB : 280 - 315 nm

Lamp parameter:

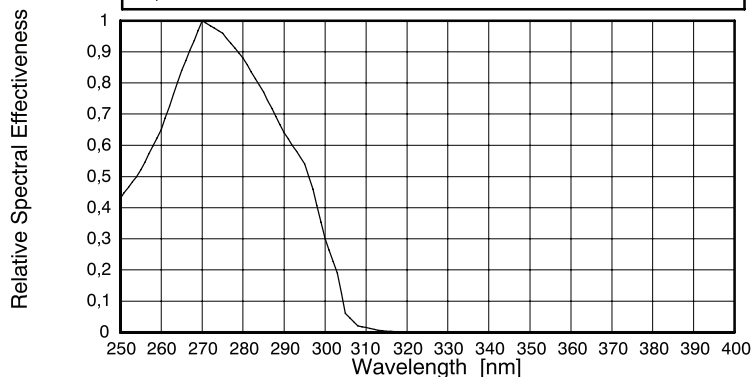
Voltage 57 V

Current 0,480 A

Power 25,0 W

B) UV Action Curve vs. Wavelength

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

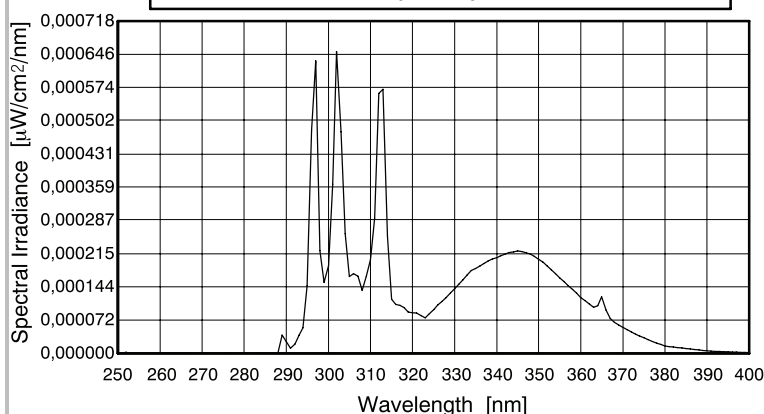


Acc. to EN 60335-2-59 : 1997

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
0,150 mW/m²

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* Life test according to EN 60081, Annex C.

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