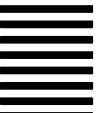




FLUORESCENT LAMP

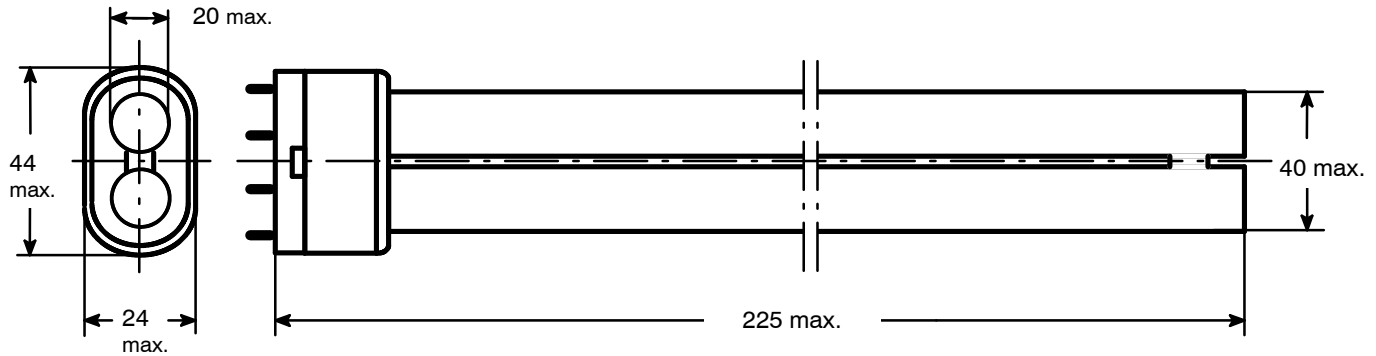
LYNX CF-L 18W/BL350

50 Hz-Operation



DIMENSIONS (mm) :

Nominal dimensions: 40 x 20 x 225



Cap: 2G11 (DIN 49 640 part 18)

ELECTRICAL DATA

			<u>NOMINAL VALUE</u>	<u>MIN.</u>	<u>MAX.</u>
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)	:	58.0	52.0	64.0
Lamp current	single operation (mA)	:	375		
	series operation (mA)	:	425		
Preheat current single	operation (mA)	:	540		
	series operation (mA)	:	570		

OPERATING CONDITIONS

			<u>NOMINAL VALUE</u>	<u>MIN.</u>	<u>MAX.</u>
Cap rim temperature	(°C)	:			140
Lamp ambient temperature	(°C)	:		-30	
Ballast impedance	single operation (Ω/V)	:	270/127, 540/220, 580/230, 610/240		
Ballast impedance	series operation (Ω/V)	:	390/220, 420/230, 452/240		
Starter	single operation	:	FS-22, FS-11 COP-11		
Starter	series operation	:	FS-22, COP-22		
Burning position		:	any		

LAMP LIFE *

Average life (50% failure rate)	(h)	:	10 000
Individual life	(h)	:	5 000

PHOTOMETRIC DATA:

COLOUR	No.	UV-A irradiance 1m distance bare lamp (315-400nm) (μW/cm ²)	UV-B irradiance 1m distance bare lamp (280-315nm) (μW/cm ²)	ILCOS-Code
BLACKLIGHT average at 0 h		42,0	0,33	XUV/FSD18-E-2G11-40/20/225

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.

Issued by : SLI Lichtsysteme
Date : 06.09.2004
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DATA SHEET

Specification No.: 51P-5908
Supersedes :
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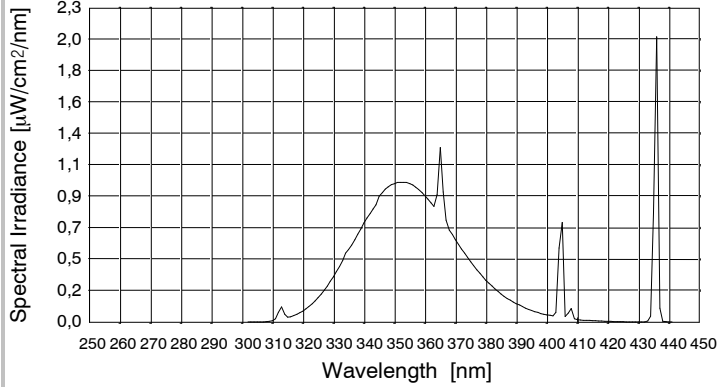


Evaluation acc. to EN60335-2-59

MW 18WCF-LBL350

0 h

A) Spectral Irradiance vs. Wavelength



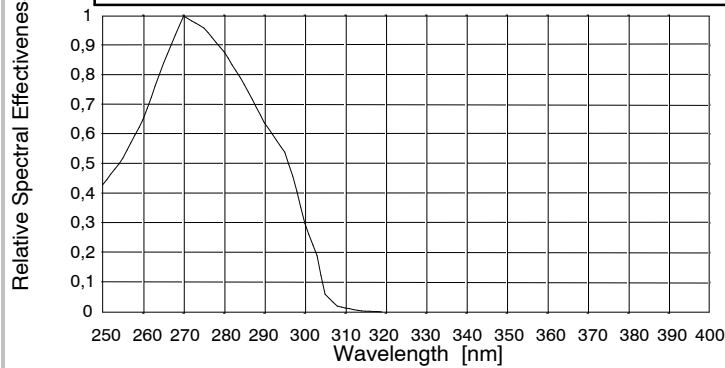
Spectral Irradiance @ 1m distance

UVA = 42,00 µW/cm²
 UVB = 0,33 µW/cm²
 UVB/UVA = 0,79%
 Wavelength range acc. to CIE
 UVA : 315 - 400 nm
 UVB : 280 - 315 nm

Lamp parameter:
 Voltage: 58 V
 Current: 0,375 A
 Power: 18,0 W

B) UV Action Curve vs. Wavelength

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

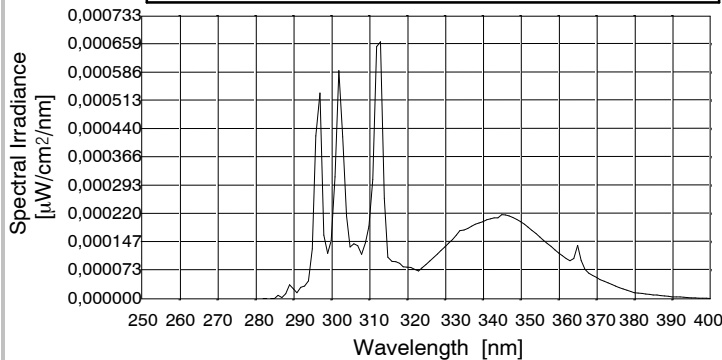


Acc. to EN 60335-2-59 : 1997
 CLC/TC61(GB)579

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

Reason: to ensure that the ICNIRP 8 hour effective radiant exposure limit for the eyes and skin of 30 J/m² is not exceeded

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



Total Effective Irradiance @ 1m distance
 0,144mW/m²

Datenfile: MWCF-L18WBL350.dat

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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