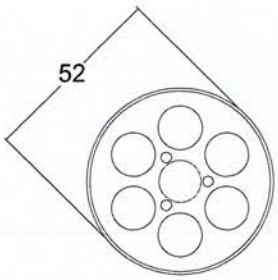
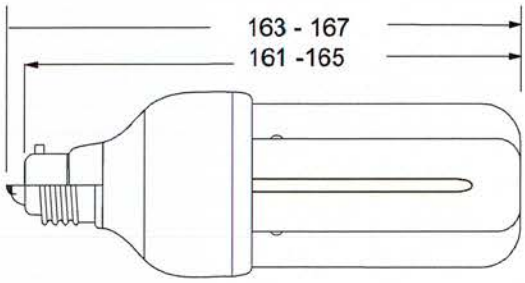
SYLVANIA

UV-A ENERGY SOURCE

CFL
20W T4 3U
BL 368

DIMENSIONS (mm)





Cap Type: E27 -IEC60061-1 sheet -7004-21
Cap Type: B22d -IEC60061-1 sheet -7004-10

ELECTRICAL DATA[1]		**Nominal Value**	**Min.**	**Max.**
Lamp rated wattage	(W) :	20W	17.0W	22.0W
Lamp operating voltage (rms)	(V) :	230-240V		
Lamp current	(mA) :	160 mA		
Power Factor	:		0.55	
OPERATING CONDITIONS:				
Cap Rim temperature	(°C) :			80
Lamp Ambient Temperature	(°C) :	25	-10	50
Operating Position	:	Unrestricted		
Weight	(g) :	120g		
PERFORMANCE SPECIFICATIONS :				
Starting time at 25°C	(s) :			0.3
[2] Switching Cycles (to 50% Failure)	:		8000	30
LAMP LIFE[3]				
Average Electrical life (IEC cycle)	(h) :	8000		

UV OUTPUT DATA:

Peak Intensity at 350 nm

UV-A	(315 - 400 nm)	:	<	2000	$\mu W/cm^2$	at 100 mm
UV-B	(280 - 315 nm)	:	<	60	$\mu W/cm^2$	at 100 mm
UV-C	(260 - 280 nm)	:	<	12	$\mu W/cm^2$	at 100 mm

APPLICATION: UV Irradiation in industrial and commercial applications.

Attention:
This UV-A energy source emits UV radiation. Avoid exposure to skin and eyes.
This product must be used with suitable operating equipment and in accordance with the specified data.
Photometric characteristics are not specified as these lamps are not intended for general lighting applications.
Lamps comply with EN 60 968 (Safety Requirements) and EN 60 969 (Performance Requirements) and CE Regulation.
This product is in accordance with relevant IEC standards.
[1] Measured according to EN 60 969, at 50 Hz,lamp aged 100h.
[2] Switching Cycle ON time 60s; OFF time 180s, at rated Voltage.
[3] Life test according to EN 60 969

RoHS compliant
Hg 5.0mg
NOT SUITABLE FOR HOUSEHOLD ROOM ILLUMINATION
CE

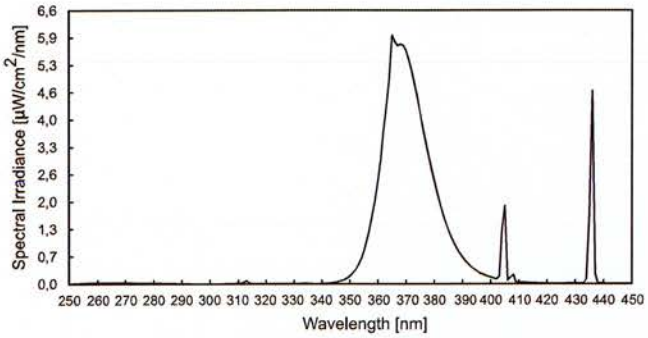
Issued by : R & D Noida		**Specification No.** : N5558	
Date : 15.03.2012	**DATA SHEET**	**Supersedes** :	
Revision Date :		**Page** : 1 of 3	

SYLVANIA

Evaluation acc. EN60335-2-59

Mini Lynx 20W BL368 ***E6864 Gr. : A 1*** ***100 h***

A) Spectral Irradiance vs. Wavelength

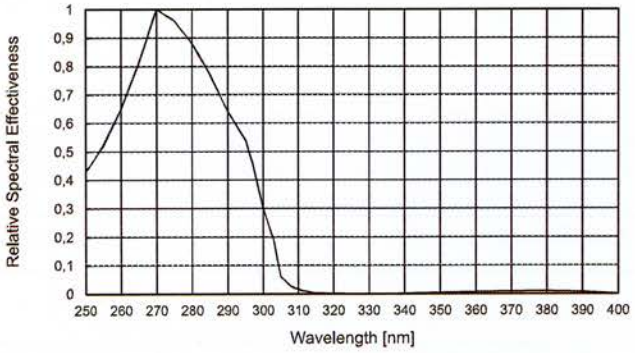


Spectral Irradiance
@ 0,5 m distance

UVA = 117,8 µW/cm²
UVB = 0,16 µW/cm²
UVB/UVA = 0,14 %
Wavelength range acc. to CIE
UVA : 315 - 400 nm
UVB : 280 - 315 nm

Lamp parameter:
Voltage 229,9 V
Current 0,160 A
Power 20,5 W

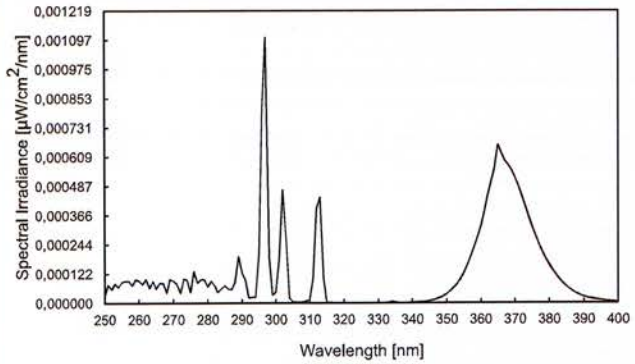
B) UV Action Curve vs. Wavelength
Proposal of the British Committee to amend EN 60335-2-59 :1997: Insect killers



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

Total Effective Irradiance @ 0,5 m distance
Max. 1 mW/m²

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



Total Effective Irradiance @ 0,5 m distance
0,190 mW/m²

Datenfile: IUV25745.DAT

Actual Measured "UV Irradiance" Limited External communication

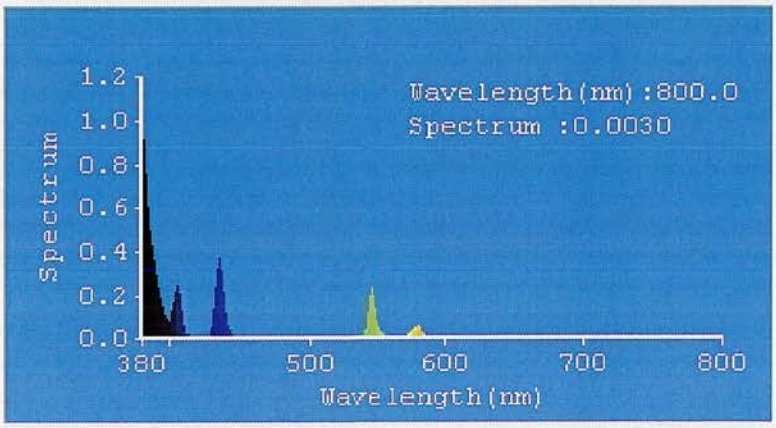
SYLVANIA

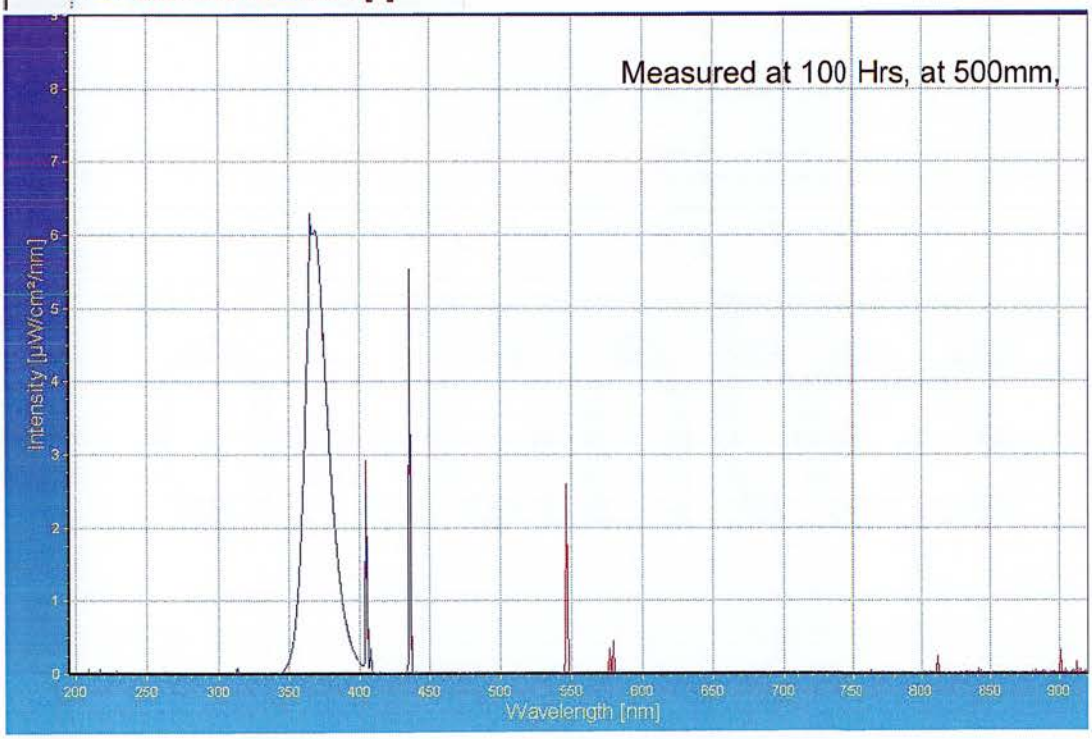
UV-A ENERGY SOURCE

CFL
20W T4 3U
BL 368

- Light Test Report
  - CIE Color Parameters
    - ID= x = 0.2306 , y = 0.2425
    - ID= u'= 0.1693 , v'= 0.4005
    - ID= Tc = 100000K
    - ID= Ld = 479.1nm
    - ID= Purity = 43.1%
    - ID= Lp = 380.0nm
    - ID= HW = 5.7nm
    - ID= Red Ratio = 0.9 %
    - ID= Green Ratio = 96.0 %
    - ID= Blue Ratio = 3.1 %
    - ID= Rendering Index Ra = 16.7
  - Photo Parameters
    - ID= Flux = 124.50 lm
    - ID= Fe = 1.4664 W
  - Electrical Parameters
  - Status
    - ID= Scan Range = 380.0-800.0nm
    - ID= Scan Interval = 5.0nm[0]

Relative Spectrum Cruve | Spectrum Data





Actual Measured "UV Irradiance" Limited External communication

Issued by : R & D Noida **Date** : 15.03.2012 **Revision Date** :	**DATA SHEET**	**Specification No.** : N5558 **Supersedes** : **Page** : 3 of 3

HAVELLS SYLVANIA reserves the right to change data and specification without notice.
Data for guidance only.

SYLVANIA

PestWest Electronics Limited
Wakefield Road
Ossett
West Yorkshire
WF5 0AA United Kingdom
Email: info@pestwest.com

Druckdatum: 17/02/20