

Fluores Ip BioSun Spectralux® DE LUXE NL-T8 18W/965/G13

Logistic Data

Article No.	31112262
Code	NL-T8 18W/965/G13
Product EAN	4008597122620
Box quantity (pcs.)	25
EAN Box	4008597422621
Gross weight of box in kg	2.84
Length of box in m	0.67
Width of box in m	0.16
Height of box in m	0.15
Pieces per palett	1575
EAN Palett	4008597622625
ETIM Class	EC000108
ETIM class name	Fluorescent lamp

Electric Parameters

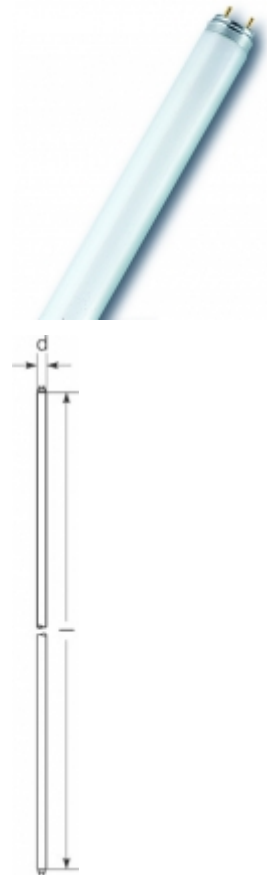
Lamp nominal wattage	18 W
Rated wattage	18.0 W
Nominal current (mA)	370
Compensation capacitor	4.5

Light Application Parameters

Luminous flux	1000 lm
max. luminous flux at	25.0 °C
Luminous efficiency of lamp	55,56 lm/W
Radium light colour	BioSun
Colour temperature	6500 K
Colour rendering index Ra	>90
Colour rendering group	90-100 (Klasse 1A)

Service Life

Mean service life	20000 h
Info about service life	3B50, HF
Lamp survival factor at 2000h	0.99
Lamp survival factor at 4000h	0.99
Lamp survival factor at 6000h	0.99
Lamp survival factor at 8000h	0.99
Lamp survival factor at 12000h	0.90
Lumen maintenance at 2000h	0.89
Lumen maintenance at 4000h	0.87
Lumen maintenance at 6000h	0.82
Lumen maintenance at 8000h	0.80
Lumen maintenance at 12000h	0.78
Operation mode for LLMF/LSF	50 Hz



Specification

Diameter max.	26 mm
Length max.	590 mm
Controllable (in suitable circuit)	+
Energy Label	B
Suitable for indoors	Yes
Mercury content	4.6 mg
Base	G13
Lamp shape	Tube, two bases

Notes on Operation

Starter / Ignitor	Starter; ECG
Ignition assured down to about (°C)	-20
Operation with ECG	+
Serial connection possible	+

Miscellaneous

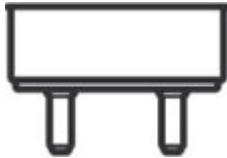
ILCOS name	FD-18/965-E-G13-26
LBS name	T26 18W/965 G13

Notes:

Fluorescent lamp BioSun Spectralux? DE LUXE The fluorescent lamp with a spectral power distribution similar to natural sunlight.

Notes

Base



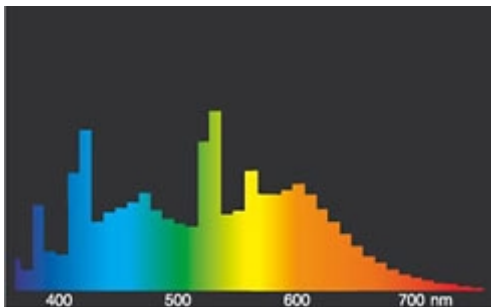
G13
IEC/EN 60061-1
sheet 7004-51-8

Spectrum

Natural daylight is a mixture of direct sunlight and the light of the sky. Therefore, its spectral composition changes permanently due to the changing time of day. The standardised light classification D65 corresponds to a daylight with a colour temperature of approximately 6500 K.

Every fluorescent lamp type has got an individual spectral power distribution according to its phosphor coating inside the bulb. From this result important properties light colour or colour rendering. Light colour 965 BioSun offers the best simulation of the day light of all fluorescent lamps as well as best colour rendering properties (Ra 97).

Visible region from 380 to 780 nm; height of graph corresponding with relative spectral emission (400mW/klm)per 10nm.



light colour 865 Spectralux® daylight (11)

Special features



Please, dump as special waste, **no ordinary household waste!**

- Disposal of used lamps from private households by municipal systems (civic amenity site, hazardous substance vehicle)
- Disposal of used lamps from large-scale consumers: collection by professional waste management companies like e.g. in Germany lightcycle (at the wholesaler's)

General notes

The technical design data in accordance with DIN and IEC. The producer does not take any responsibility for damage to persons or property in case of unsuitable operation or handling of the product. Operating data and dimensions are valid within the usual tolerances. Related lamp types (different bases, mains voltages) may be available on request. Sale and delivery are effected in accordance with the Radium Terms of Delivery and Payment valid on the day of conclusion of contract. Packing units offer economical advantages to the purchase and logistic department. Please match your quantity volume accordingly. For orders of a minimum quantity (clefts) with a lamp model the amount lower than the volume of each packaging unit, we will invoice 10 % additional charge per lamp type. Technical changes and terms of delivery are reserved. Manipulation of any kind to packaging or product is not permissible as this will violate Radium brand rights. Furthermore, technical properties of the product can change to its disadvantage or even destruction. Therefore, Radium cannot be responsible for consequential damages. Subject to change without notice. Errors and omissions excepted. ® = Registered trademark

All technical data without guarantee.