

Fluorescent lamp Bonalux® NL-T5 21W/840/G5

Logistic Data

Article No.	31114251
Code	NL-T5 21W/840/G5
Product EAN	4008597142512
Customs tariff no.	85393110
Box quantity (pcs.)	20
EAN Box	4008597442513
Gross weight of box in kg	2.39
Length of box in m	0.89
Width of box in m	0.11
Height of box in m	0.09
Pieces per palett	3740
EAN Palett	4008597642517
ETIM Class	EC000108
ETIM class name	Fluorescent lamp

Electric Parameters

Lamp nominal wattage	21 W
Rated wattage	21.0 W
Nominal current (mA)	165

Light Application Parameters

Luminous flux	2100 lm
max. luminous flux	2100 lm
max. luminous flux at	35.0 °C
Luminous efficiency of lamp	100 lm/W
Radium light colour	white
Colour temperature	4000 K
Colour rendering index Ra	80-89
Colour rendering group	80-89 (Klasse 1B)
Mean luminance	1.7



Service Life

Mean service life	24000 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	0.99
Lamp survival factor at 16000h	0.90
Lamp survival factor at 20000h	0.50
Lumen maintenance at 2000h	0.95
Lumen maintenance at 4000h	0.92
Lumen maintenance at 6000h	0.91
Lumen maintenance at 8000h	0.90
Lumen maintenance at 12000h	0.90
Lumen maintenance at 16000h	0.90
Lumen maintenance at 20000h	0.89
Operation mode for LLMF/LSF	HF

Specification

Diameter max.	16 mm
Length max.	849 mm
Controllable (in suitable circuit)	+
Energy Label	A
Suitable for indoors	Yes
Mercury content	1.9 mg
Base	G5
Lamp shape	Tube, two bases

Notes on Operation

Starter / Ignitor	EVG
Ignition assured down to about (°C)	-20
Operation with ECG	+

Miscellaneous

ILCOS name	FDH-21/840-L/P-G5-16/850
LBS name	T16 21W/840 G5

Notes:

Fluorescent lamp Bonalux? Please, note: when changing lamps take care about the electric data of lamp and control gear, mix-up possible!

Notes

Base



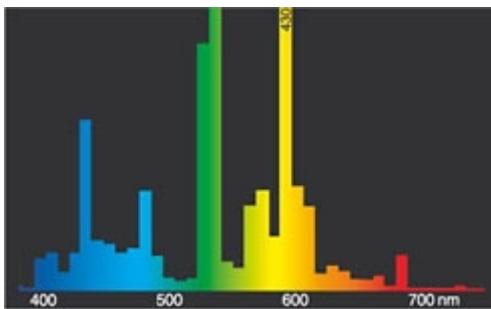
G5
IEC/EN 60061-1
sheet 7004-52-5

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.

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



light colour 840 Spectralux® white (21)

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.