



LED T8 Neo 36 - 865				
Operating current	Voltage	Power	Luminous efficacy	Luminous flux
1 000 mA	20.2 V	20.2 W	167 lm/W	3 368 lm
950 mA	20.1 V	19.1 W	168 lm/W	3 210 lm
900 mA	20.1 V	18.1 W	169 lm/W	3 053 lm
850 mA	20.0 V	17.0 W	170 lm/W	2 895 lm
800 mA	20.0 V	16.0 W	171 lm/W	2 737 lm
750 mA	19.9 V	14.9 W	173 lm/W	2 580 lm
<b>700 mA</b>	<b>19.9 V</b>	<b>13.9 W</b>	<b>174 lm/W</b>	<b>2 422 lm</b>
650 mA	19.8 V	12.9 W	175 lm/W	2 253 lm
600 mA	19.7 V	11.8 W	176 lm/W	2 083 lm
550 mA	19.7 V	10.8 W	177 lm/W	1 914 lm
500 mA	19.6 V	9.8 W	178 lm/W	1 744 lm



C



13.9



6500K



70 000h



Dimmable



5 YEARS GUARANTEE

## General Data

Article No.	43719851
Code	LED T8 NEO 36 865/G13
Product EAN	4008597198519
Customs tariff no.	85395200
Box quantity (pcs.)	25
EAN Box	4008597498510
Gross weight of box in kg	6.2
Length of box in m	1.27
Width of box in m	0.21
Height of box in m	0.2
ETIM class	EC001959
ETIM class name	LED-lamp/Multi-LED
Weight	160 g
Product status	<span style="color: green;">●</span> Active

## Electric Parameters

Nominal power	13.9 W
Rated wattage	13,9 W

## Electric Parameters

Weighted energy consumption in 1,000 hours	14 kWh
Nominal voltage	19-21 V
Voltage type	DC
Nominal current	500-1000 mA
Nominal current (mA)	700 mA

## Light Application Parameters

Rated luminous flux acc. IEC 62722-2-1	2422 lm
Luminous flux	1744-3368 lm
max. luminous flux	3368 lm
max. luminous flux at	1000 mA
Beam angle	160 °
Luminous efficiency	174 lm/W
Radium light colour	daylight
Color temperature	6500 K
Color coordinate X	0.313
Color coordinate Y	0.337
Color rendering index Ra	> 80
Color Stability	≤ 5 sdc <sub>m</sub>

## Service Life

Average nominal lifespan	70000 h
T <sub>c</sub> Temperature max.	70 °C
Life L70B10	100000 h
Life L80B10	70000 h
Guarantee up to	5 years

## Specification

Energy Label A to G	C
Diameter	28.5 mm
Tube diameter	25.4 mm
Length max.	1213 mm
Length	1200 mm
Length	1200 mm
Burning position	beliebig
Mercury content	0.0 mg

## Specification

Material	Glass
Shatterproof in accordance with US-food-standard	Yes
Lamp shape	Tube, double-ended
Base	G13
Colour	White
Weight	160 g

## Notes on Operation

Degree of protection (IP)	IP20
Mode of operation for LED-Tubes	DC
Burning position	beliebig
Range of storage temperature	-20 ... +60°C
Ambient temperatures	-20 ... +50°C
Tc Temperature max.	70 °C
Suitable control gear	OTDA4031, OTNA4034

## Information especially for EPREL

Mains/Non mains connectable	NMLS
Directional or non-directional light	NDLS
Color tunable light source	No
Type of color temperature	SINGLE_VALUE
Color stability MacAdams EPREL	5

## Notes

T8 tubular DC LED lamp for external drivers, dimmable with suitable driver, daylight, glass bulb, base G13. Exchange for fluorescent lamps.

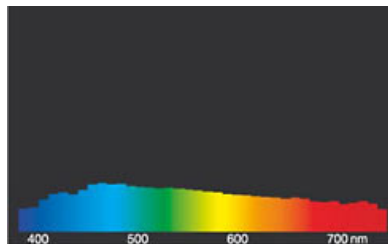
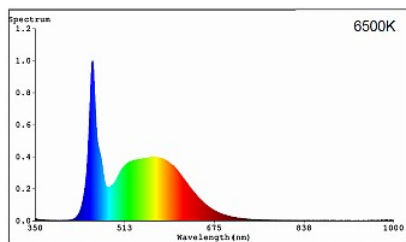
Please, refer to [www.radium.de/recycling](http://www.radium.de/recycling) for notes on disposal of burned-out lamps as well as lamp breakage.

The "lifespan L70" described for LED lamps indicates the number of hours when the luminous flux has decreased to 70% of its initial value. The optimal field 'info about service life' contains the frame conditions according to standards based on which the specific service life has been determined. So, for example, "12B50, 50Hz" means that the mean service life (B50) has been determined with a 12h switching cycle at mains (frequency 50Hz), "3B50, HF" is based on a 3h switching cycle at electronic control gear (high frequency).

### Base



### Spectrum



**Special features**



**General notes**

All technical data without guarantee.