



LED T8 Neo 58 - 840				
Operating current	Voltage	Power	Luminous efficacy	Luminous flux
1 500 mA	20.5 V	30.8 W	168 lm/W	5 180 lm
1 450 mA	20.5 V	29.7 W	169 lm/W	5 017 lm
1 400 mA	20.4 V	28.6 W	170 lm/W	4 853 lm
1 350 mA	20.4 V	27.5 W	170 lm/W	4 690 lm
1 300 mA	20.3 V	26.5 W	171 lm/W	4 527 lm
1 250 mA	20.3 V	25.4 W	172 lm/W	4 363 lm
1 200 mA	20.3 V	24.3 W	173 lm/W	4 200 lm
1 150 mA	20.2 V	23.2 W	174 lm/W	4 038 lm
1 100 mA	20.1 V	22.1 W	175 lm/W	3 875 lm
1 050 mA	20.0 V	21.0 W	176 lm/W	3 713 lm
1 000 mA	20.0 V	20.0 W	178 lm/W	3 550 lm



C



24.3



4000K



70 000h



Dimmable



5 YEARS GUARANTEE

General Data

Article No.	43719852
Code	LED T8 NEO 58 840/G13
Product EAN	4008597198526
Customs tariff no.	85395200
Box quantity (pcs.)	25
EAN Box	4008597498527
Gross weight of box in kg	7.75
Length of box in m	1.57
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	200 g
Product status	● Active

Electric Parameters

Nominal power	24.3 W
Rated wattage	24.3 W

Electric Parameters

Weighted energy consumption in 1,000 hours	25 kWh
Nominal voltage	19.5-21.5 V
Voltage type	DC
Nominal current	1000-1500 mA
Nominal current (mA)	1200 mA

Light Application Parameters

Rated luminous flux acc. IEC 62722-2-1	4200 lm
Luminous flux	3550-5180 lm
max. luminous flux	5180 lm
max. luminous flux at	1500 mA
Beam angle	160 °
Luminous efficiency	173 lm/W
Radium light colour	coolwhite
Color temperature	4000 K
Color coordinate X	0.380
Color coordinate Y	0.380
Color rendering index Ra	> 80
Color Stability	≤ 5 sdcn

Service Life

Average nominal lifespan	70000 h
Tc 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.	1513 mm
Length	1500 mm
Length	1500 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	200 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	OTDA4032, OTNA4035

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

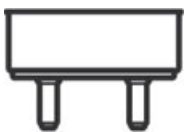
T8 tubular DC LED lamp for external drivers, dimmable with suitable driver, neutral white light, glass bulb, base G13. Exchange for fluorescent lamps.

Please, refer to www.radium.de/recycling for notes on disposal of burned-out lamps as well as lamp breakage.

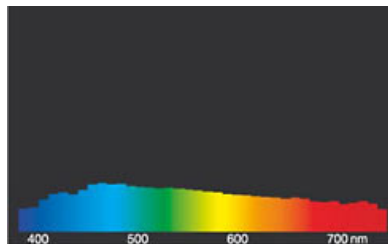
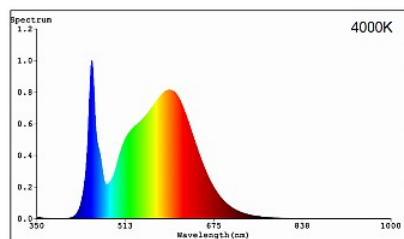
The "lifespan L70" described for LED lamps indicates the number of hours when the luminous flux has decreased to 70% of its initial value.

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.