

# PRODUCT DATASHEET

## 58 W/865

SMARTLUX PRO T8 | Tubular fluorescent lamps 26 mm, with G13 bases



**TECHNICAL DATA**

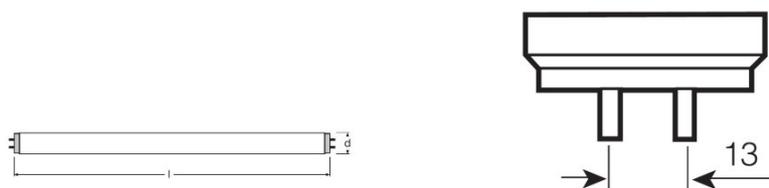
Electrical data

Nominal wattage	58.00 W
Rated wattage	58.00 W

Photometrical data

Rated lamp efficacy (standard condition)	90 lm/W
Color rendering index Ra	≥80
Rated luminous flux	5200 lm
Luminous flux at	5200 lm
Light color	865
Rated color temperature	6500 K
Nominal luminous flux	5200 lm
Rated LLMF at 2,000 h	0.96
Rated LLMF at 4,000 h	0.94
Rated LLMF at 6,000 h	0.93
Rated LLMF at 8,000 h	0.91
Rated LLMF at 12,000 h	0.91
Rated LLMF at 16,000 h	0.90
Rated LLMF at 20,000 h	0.89

Dimensions & weight



G13  
IEC 7004-51  
DIN 49653 T1

Tube diameter	26 mm
Length	1500 mm
Length with base excl. base pins/connection	1500.00 mm
Diameter	26.0 mm
Maximum diameter	26.0 mm

Temperatures & operating conditions

<b>Rated ambient temp.w.max.luminous flux</b>	25.0 °C
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### Lifespan

<b>Service life</b>	16000 h
<b>Lifespan</b>	18000 h
<b>Rated lamp survival factor at 2,000 h</b>	0.99
<b>Rated lamp survival factor at 4,000 h</b>	0.99
<b>Rated lamp survival factor at 6,000 h</b>	0.99
<b>Rated lamp survival factor at 8,000 h</b>	0.99
<b>Rated lamp survival factor at 12,000 h</b>	0.99
<b>Rated lamp survival factor at 16,000 h</b>	0.90
<b>Rated lamp survival factor at 20,000 h</b>	0.50
<b>Operation mode LLMF/LSF</b>	HF
<b>Rated lamp life time</b>	20000 h
<b>Nominal lamp life time</b>	20000 h

### Additional product data

<b>Base (standard designation)</b>	G13
<b>Mercury content</b>	2.3 mg
<b>Show WEEE picto</b>	Yes

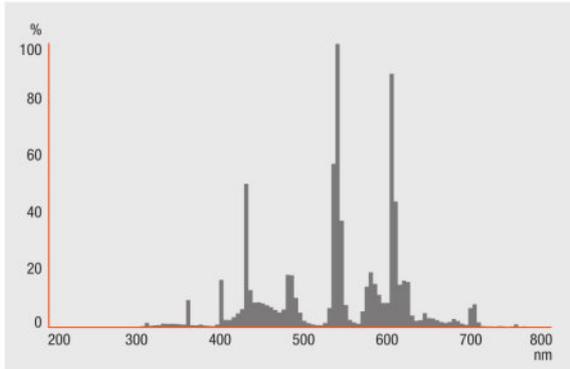
### Capabilities

<b>Suitable for indoor</b>	Yes
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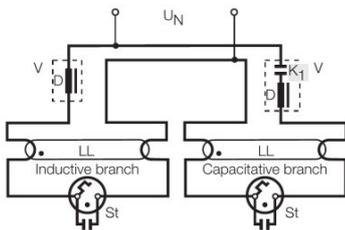
### Certificates & standards

<b>Energy efficiency class</b>	A
<b>Energy consumption</b>	68 kWh/1000h

Light Distribution



Spectral power distribution



Circuit diagram

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321874382	58 W/865	Shipping carton box 25	142 mm x 145 mm x 1542 mm	31.75 dm <sup>3</sup>	6520.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.