

# PRODUCT DATASHEET

## 18 W/840

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



**TECHNICAL DATA**

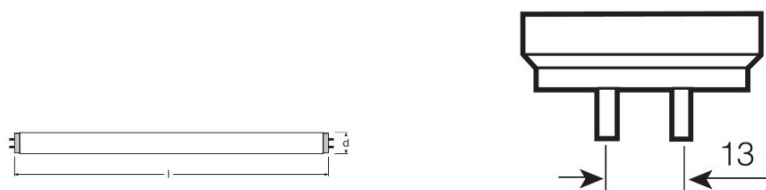
Electrical data

Nominal voltage	57.0 V
Nominal wattage	18.00 W
Rated wattage	18.00 W

Photometrical data

Rated lamp efficacy (standard condition)	75 lm/W
Color rendering index Ra	≥80
Rated luminous flux	1350 lm
Luminous flux at	1350 lm
Light color	840
Rated color temperature	4000 K
Nominal luminous flux	1350 lm
Light color (designation)	Cool White
Rated LLMF at 2,000 h	0.97
Rated LLMF at 4,000 h	0.95
Rated LLMF at 6,000 h	0.94
Rated LLMF at 8,000 h	0.92
Rated LLMF at 12,000 h	0.91
Rated LLMF at 16,000 h	0.90

Dimensions & weight



G13  
IEC 7004-51  
DIN 49653 T1

Tube diameter	26 mm
Length	590.0 mm
Length with base excl. base pins/connection	590.00 mm
Diameter	26.0 mm
Maximum diameter	26.0 mm

## Temperatures &amp; operating conditions

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

## 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>Operation mode LLMF/LSF</b>	HF
<b>Rated lamp life time</b>	18000 h
<b>Nominal lamp life time</b>	18000 h

## Additional product data

<b>Base (standard designation)</b>	G13
<b>Mercury content</b>	2.5 mg
<b>Show WEEE picto</b>	Yes

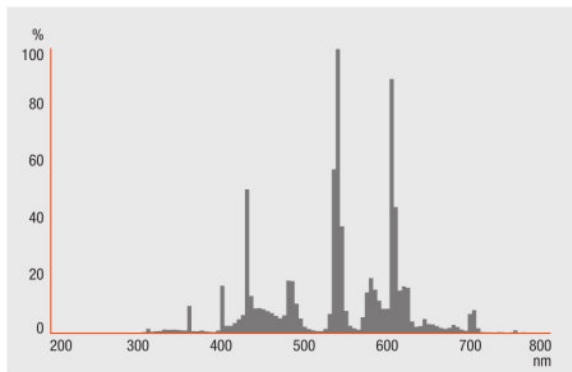
## Capabilities

<b>Suitable for indoor</b>	Yes
----------------------------	-----

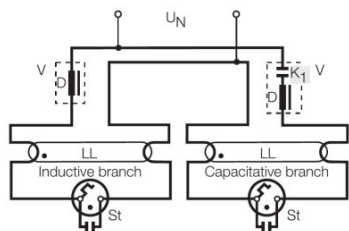
## Certificates &amp; standards

<b>Energy efficiency class</b>	A
<b>Energy consumption</b>	22 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
4008321874245	18 W/840	Shipping carton box 25	142 mm x 145 mm x 632 mm	13.01 dm <sup>3</sup>	2625.00 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.