

## HO SLS 54 W/830

LUMILUX T5 SEAMLESS | Tubular fluorescent lamps 16 mm, seamless



### Areas of application

- Public buildings
- Offices
- Shops
- Supermarkets and department stores
- Hotels
- Restaurants

### Product benefits

- Up to 20 % more economical than T8 Standard
- Ideal geometry for extremely narrow and modern fixtures
- Outstanding OSRAM quality
- Reduced loss of light over its life (only 10 %)

### Product features

- Good color rendering group: 1B ( $R_a$  : 80...89)
- Dimmable (for details see the Technical Guide)



# Product datasheet

## Technical data

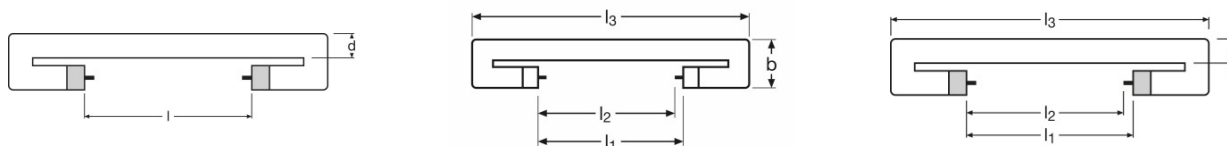
### Electrical data

Nominal wattage	54.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated lamp efficacy (standard condition)	82 lm/W
Rated wattage	53.80 W

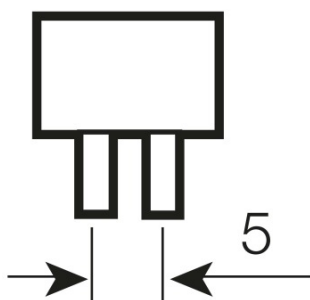
### Photometrical data

Color rendering index Ra	≥80
Rated luminous flux	4450 lm
Luminous flux at 25 °C	4450 lm
Luminous flux at 35 °C	5000 lm
Light color	830
Color temperature	3000 K
Nominal luminous flux	4450 lm
Light color as per EN 12464-1	LUMILUX Warm White
Rated LLMF at 2,000 h	0.95
Rated LLMF at 4,000 h	0.92
Rated LLMF at 6,000 h	0.91
Rated LLMF at 8,000 h	0.90
Rated LLMF at 12,000 h	0.90
Rated LLMF at 16,000 h	0.90
Color coordinates chromaticity diagram	0.44/0.403

### Dimensions & weight



## Product datasheet



<b>Tube diameter</b>	16 mm
<b>Length</b>	1182.0 mm
<b>Length with base excl. base pins/connection</b>	1081.00 mm <sup>1)</sup>
<b>Diameter</b>	16.0 mm
<b>Maximum diameter</b>	16.0 mm

<sup>1)</sup> Minimum

### Temperatures

<b>Rated ambient temp.w.max.luminous flux</b>	35.0 °C
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### Lifespan

<b>Service life</b>	16000 h <sup>1)</sup>
<b>Lifespan</b>	18000 h <sup>1)</sup>
<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

<sup>1)</sup> With preheat ECG

### Additional product data

<b>Base (standard designation)</b>	G5
<b>Lamp mercury content</b>	3.0 mg
<b>Appropriate disposal acc. to WEEE</b>	Yes
<b>New article</b>	NEW

## Product datasheet

Footnote only for product	Suitable for ECG operation only/Optimum luminous flux achieved at 35 °C
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### Capabilities

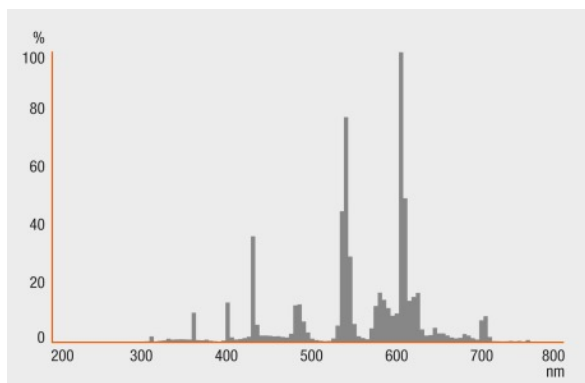
Suitable for indoor	Yes
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### Certificates & standards

Energy efficiency class	A+
Energy consumption	60 kWh/1000h

### Light Distribution

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### Spectral power distribution

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### System guarantee

OSRAM System+ Guarantee in combination with OSRAM ECGs

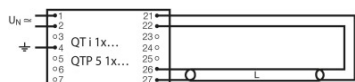
# Product datasheet



Guarantee

## Safety advice

In case of lamp breakage: [www.osram.com/brokenlamp](http://www.osram.com/brokenlamp)



Circuit diagram

Circuit diagram

## Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321409997	HO SLS 54 W/830	Shipping carton box 25	1250 mm x 180 mm x 240 mm	54.00 dm <sup>3</sup>	9393.33 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.

## References / Links

For more information on the system guarantee and the terms and conditions of the guarantee visit

- ▶ [www.osram.com/system-guarantee](http://www.osram.com/system-guarantee)

## Product datasheet

For more information on QUICKTRONIC electronic control gear go to

▶ [www.osram.com/QUICKTRONIC](http://www.osram.com/QUICKTRONIC)

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### Disclaimer

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

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Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Luminous flux at 35 °C	Number of lighting outlets
HO 54 W/830 SLS	QT 1x54 DIM	4008321640338	0.26 A	58.10 W	4450 lm	1
	QT 2x54 DIM	4008321640437	0.51 A	115.90 W	4450 lm	2
	QTi 1x28/54/35/49 GII	4008321383358	0.26 A	58.00 W	4450 lm	1
	QTi 1x28/54 DIM	4050300870588	0.26 A	58.80 W	4450 lm	1
	QTi 2x28/54/35/49 GII	4008321383419	0.51 A	115.00 W	4450 lm	2
	QTi DALI 1x28/54 DIM	4050300870809	0.26 A	58.80 W	4450 lm	1
	QTi DALI 2x28/54 DIM	4050300870502	0.51 A	115.00 W	4450 lm	2

Product name	Product name ECG	EAN	ECG_1.1 Ambient temperature for lifespan	ECG_1.2 Ambient temperature for lifespan	ECG_1.3 Ambient temperature for lifespan
HO 54 W/830 SLS	QT 1x54 DIM	4008321640338	40 °C	50 °C	60 °C
	QT 2x54 DIM	4008321640437	40 °C	50 °C	60 °C
	QTi 1x28/54/35/49 GII	4008321383358			
	QTi 1x28/54 DIM	4050300870588			
	QTi 2x28/54/35/49 GII	4008321383419			
	QTi DALI 1x28/54 DIM	4050300870809	40 °C	50 °C	60 °C
	QTi DALI 2x28/54 DIM	4050300870502	40 °C	50 °C	60 °C

## Product datasheet

Product name	Product name ECG	EAN	ECG_2.1 Tc point temperature for lifespa	ECG_2.2 Tc point temperature for lifespa	ECG_2.3 Tc point temperature for lifespa
HO 54 W/830 SLS	QT 1x54 DIM	4008321640338	50 °C	60 °C	70 °C
	QT 2x54 DIM	4008321640437	55 °C	65 °C	75 °C
	QTi 1x28/54/35/49 GII	4008321383358			
	QTi 1x28/54 DIM	4050300870588			
	QTi 2x28/54/35/49 GII	4008321383419			
	QTi DALI 1x28/54 DIM	4050300870809	50 °C	60 °C	70 °C
	QTi DALI 2x28/54 DIM	4050300870502	55 °C	65 °C	75 °C

Product name	Product name ECG	EAN	ECG_3.1 Temperature dependent lifespan	ECG_3.2 Temperature dependent lifespan	ECG_3.3 Temperature dependent lifespan
HO 54 W/830 SLS	QT 1x54 DIM	4008321640338	100000 h	100000 h	100000 h
	QT 2x54 DIM	4008321640437	100000 h	100000 h	90000 h
	QTi 1x28/54/35/49 GII	4008321383358			
	QTi 1x28/54 DIM	4050300870588			
	QTi 2x28/54/35/49 GII	4008321383419			
	QTi DALI 1x28/54 DIM	4050300870809	100000 h	100000 h	100000 h
	QTi DALI 2x28/54 DIM	4050300870502	100000 h	100000 h	90000 h