

## LEDinestra 9 W/827 ADV FR S14s

LEDinestra | Tubular LED lamps



### Areas of application

- Ideal for mirror lighting
- Hotels, restaurants
- Domestic applications

### Product benefits

- Low energy consumption
- Longer lamp life and service life (compared with the standard reference product)
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Good color rendering
- Simple direct replacement for conventional tubular incandescent lamps
- Lower thermal output (compared with the standard reference product)
- Three year guarantee

### Product features

- Professional LED lamps for line voltage
- Dimmable (with many common dimmers, see also [www.osram.com/dim](http://www.osram.com/dim))
- Average lifetime: 20,000 h
- Mercury-free lamps
- Color temperature: 2,700 K
- Made in Germany



# Product datasheet

## Technical data

### Electrical data

Rated wattage	9.00 W
Nominal wattage	9.00 W
Nominal voltage	230 V
Rated luminous flux	450 lm
Operating frequency	50..60 Hz
Power factor $\lambda$	0.62
Claimed equiv. conventional lamp power	38 W

### Photometrical data

Nominal luminous flux	450 lm
Color temperature	2700 K
Color rendering index Ra	>80
Light color (designation)	Warm White

### Light technical data

Warm-up time (60 %)	0.00 s
Starting time	0.0 s

### Dimensions & weight



Overall length	500.0 mm
Diameter	29.0 mm
Outer bulb	T28,5
Length	500.0 mm

### Lifespan

Nominal lamp life time	20000 h
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## Product datasheet

Rated lamp life time	20000 h
Number of switching cycles	50000
Lumen main.fact.at end of nom.life time	0.70
Lumen maintenance at end of service life	0.70

### Additional product data

Base (standard designation)	S14s
Lamp mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted
Appropriate disposal acc. to WEEE	Yes
Product remark	All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value/LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance)

### Capabilities

Dimmable	Yes
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### Certificates & standards

Energy efficiency class	A
Energy consumption	9 kWh/1000h

### Country specific categorizations

ILCOS	DRL-9-230-S14S-29/500
Order reference	LEDINESTRA 9W/8



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Guarantee

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Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321979193	LEDinestra 9 W/827 ADV FR S14s	Shipping carton box 5	548 mm x 260 mm x 80 mm	11.40 dm <sup>3</sup>	1060.00 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.

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References / Links

For further products and actual information concerning LED lamps see

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

For Guarantee see

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

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