

## LEDinestra 9 W/827 ADV FR S14s

LEDinestra advanced | Dimmable tubular LED lamps



### Areas of application

- Ideal for mirror lighting
- Hotels, restaurants
- Domestic applications
- Outdoor applications only in suitable luminaires

### Product benefits

- Long lifetime of up to 20,000 h
- Low energy consumption
- Good color rendering

### Product features

- LED alternative to tubular incandescent lamps
- Dimmable (with many common dimmers, see also [www.osram.com/dim](http://www.osram.com/dim))
- For especially uniform illumination
- Mercury-free lamps
- Made in Germany



## Product datasheet

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### Technical data

#### Electrical data

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

#### Photometrical data

Nominal luminous flux	450 lm
Rated 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

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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
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 <sup>1)</sup>
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<sup>1)</sup> With many common dimmers, see also [www.osram.com/dim](http://www.osram.com/dim)

### Certificates & standards

Energy efficiency class	A
Energy consumption	9 kWh/1000h

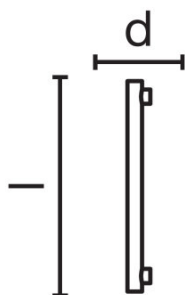
### Country specific categorizations

ILCOS	DRL/F-9/827-230-S14S-29/500
Order reference	LEDINESTRA 9W/8



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### Guarantee



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### Others graphics

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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 Pieces Folding carton box	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 dimming conformity see

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

For further products and actual information concerning LED lamps see

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

For Guarantee see

## Product datasheet

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

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### Disclaimer

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