

## 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 family datasheet

## Technical data

Product description	Electrical data			Photometrical data				Light technical data	Dimensions & weight
	Nominal wattage	Nominal voltage	Rated luminous flux	Nominal luminous flux	Color temperature	Color rendering index Ra	Light color (designation)	Warm-up time (60 %)	Overall length
LEDinestra 6 W/827 ADV FR S14s <sup>1)</sup>	6.00 W	230 V	250 lm	250 lm	2700 K	>80	Warm White	0.00 s	300.0 mm
LEDinestra 6 W/827 ADV FR S14d <sup>2)</sup>	6.00 W	230 V	250 lm	250 lm	2700 K	>80	Warm White	0.00 s	300.0 mm
LEDinestra 9 W/827 ADV FR S14s <sup>3)</sup>	9.00 W	230 V	450 lm	450 lm	2700 K	>80	Warm White	0.00 s	500.0 mm
LEDinestra 9 W/827 ADV FR S14d <sup>3)</sup>	9.00 W	230 V	450 lm	450 lm	2700 K	>80	Warm White	0.00 s	500.0 mm

Product description	Diameter	Lifespan			Additional product data			Capabilities	Certificates & standards
		Nominal lamp life time	Number of switching cycles	Lumen main. fact. at end of nom. life time	Base (standard designation)	Lamp mercury content	Mercury-free	Dimmable	Energy efficiency class
LEDinestra 6 W/827 ADV FR S14s <sup>1)</sup>	29.0 mm	20000 h	50000	0.70	S14s	0.0 mg	Yes	Yes	A
LEDinestra 6 W/827 ADV FR S14d <sup>2)</sup>	29.0 mm	20000 h	50000	0.70	S14d	0.0 mg	Yes	Yes	A
LEDinestra 9 W/827 ADV FR S14s <sup>3)</sup>	29.0 mm	20000 h	50000	0.70	S14s	0.0 mg	Yes	Yes	A
LEDinestra 9 W/827 ADV FR S14d <sup>3)</sup>	29.0 mm	20000 h	50000	0.70	S14d	0.0 mg	Yes	Yes	A

Product description	Country specific categorizations
	ILCOS
LEDinestra 6 W/827 ADV FR S14s <sup>1)</sup>	DRL-6-230-S14S-29/300
LEDinestra 6 W/827 ADV FR S14d <sup>2)</sup>	DRL-6-230-S14D-29/300
LEDinestra 9 W/827 ADV FR S14s <sup>3)</sup>	DRL-9-230-S14S-29/500
LEDinestra 9 W/827 ADV FR S14d <sup>3)</sup>	DRL-9-230-S14D-29/500

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- 1) 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/In development, data preliminary/In preparation/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)
- 2) 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/In preparation/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)
- 3) 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)



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LEDinestra 6 W/827 ADV FR S14s,  
LEDinestra 9 W/827 ADV FR S14s

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LEDinestra 6 W/827 ADV FR S14d,  
LEDinestra 9 W/827 ADV FR S14d

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### Application advice

For more detailed application information and graphics please see product datasheet.

## Product family datasheet

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899110311	LEDinestra 6 W/827 ADV FR S14s	Shipping carton box 5	348 mm x 260 mm x 80 mm	7.24 dm <sup>3</sup>	742.00 g
4052899110335	LEDinestra 6 W/827 ADV FR S14d	Shipping carton box 5	348 mm x 260 mm x 80 mm	7.24 dm <sup>3</sup>	747.00 g
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
4008321979216	LEDinestra 9 W/827 ADV FR S14d	Shipping carton box 5	548 mm x 260 mm x 80 mm	11.40 dm <sup>3</sup>	1080.00 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.

### 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)

### Disclaimer

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