

## LEDinestra

### Tubular LED lamps



#### Areas of application

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

#### Product benefits

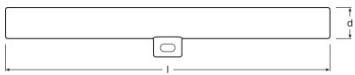
- Low energy consumption
- Longer lamp life and service life (compared with the standard reference product)
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Excellent color rendering
- Simple direct replacement for conventional incandescent lamps
- Lower thermal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

#### Product features

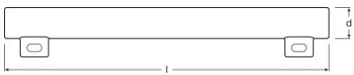
- Professional LED lamps for line voltage
- Dimmable (with many common dimmers, see also [www.osram.com/dim](http://www.osram.com/dim))
- Average lifetime: 20,000 h
- Mercury-free lamps
- Color temperature: 2,700 K



Product family datasheet



Product line drawing



Product line drawing

## Product family datasheet

### Technical data

Product description	Base (standard designation)	Nominal wattage	Nominal voltage	Nominal lamp life time	Nominal luminous flux	Rated luminous flux
LEDinestra 6 W/827 ADV FR S14d <sup>1)</sup>	S14d	6.00 W	230 V	20000 h	250 lm	250 lm
LEDinestra 6 W/827 ADV FR S14s <sup>2)</sup>	S14s	6.00 W	230 V	20000 h	250 lm	250 lm
LEDinestra 9 W/827 ADV FR S14d <sup>3)</sup>	S14d	9.00 W	230 V	20000 h	450 lm	450 lm
LEDinestra 9 W/827 ADV FR S14s <sup>3)</sup>	S14s	9.00 W	230 V	20000 h	450 lm	450 lm

Product description	Color temperature	Color rendering index Ra	Warm-up time (60 %)	Number of switching cycles	Lamp mercury content	Overall length
LEDinestra 6 W/827 ADV FR S14d <sup>1)</sup>	2700 K	≥80	0.00 s	50000	0.0 mg	300.0 mm
LEDinestra 6 W/827 ADV FR S14s <sup>2)</sup>	2700 K	≥80	0.00 s	50000	0.0 mg	300.0 mm
LEDinestra 9 W/827 ADV FR S14d <sup>3)</sup>	2700 K	≥80	0.00 s	50000	0.0 mg	500.0 mm
LEDinestra 9 W/827 ADV FR S14s <sup>3)</sup>	2700 K	≥80	0.00 s	50000	0.0 mg	500.0 mm

Product description	Diameter	Dimmable	Energy efficiency class	ILCOS	Lumen main.fact.at end of nom.life time	Mercury-free
LEDinestra 6 W/827 ADV FR S14d <sup>1)</sup>	29.0 mm	Yes	A	DRL-6-230-S14D-29/300	0.70	Yes

## Product family datasheet

Product description	Diameter	Dimmable	Energy efficiency class	ILCOS	Lumen main.fact.at end of nom.life time	Mercury-free
LEDinestra 6 W/827 ADV FR S14s <sup>2)</sup>	29.0 mm	Yes	A	DRL-6-230-S14S-29/300	0.70	Yes
LEDinestra 9 W/827 ADV FR S14d <sup>3)</sup>	29.0 mm	Yes	A	DRL-9-230-S14D-29/500	0.70	Yes
LEDinestra 9 W/827 ADV FR S14s <sup>3)</sup>	29.0 mm	Yes	A	DRL-9-230-S14S-29/500	0.70	Yes

Product description	New article	Light color as per EN 12464-1
LEDinestra 6 W/827 ADV FR S14d <sup>1)</sup>	NEW	Warm White
LEDinestra 6 W/827 ADV FR S14s <sup>2)</sup>	NEW	Warm White
LEDinestra 9 W/827 ADV FR S14d <sup>3)</sup>	NEW	Warm White
LEDinestra 9 W/827 ADV FR S14s <sup>3)</sup>	NEW	Warm White

<sup>1)</sup> 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)

<sup>2)</sup> 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)

<sup>3)</sup> 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)

## Product family datasheet

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### Application advice

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

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### References / Links

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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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### Disclaimer

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