# 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)
- For especially uniform illumination
- Mercury-free lamps
- Made in Germany


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## Technical data

| | Electrical data | | Photometrical data | | Dimensions & weight | Lifespan |
|---|---|---|---|---|---|---|
| **Product description** | **Nominal wattage** | **Nominal voltage** | **Rated color temperature** | **Nominal luminous flux** | **Overall length** | **Nominal lamp life time** |
| LEDinestra 6 W/827 ADV FR S14d [1)] | 6.00 W | 230 V | 2700 K | 250 lm | 300.0 mm | 20000 h |
| LEDinestra 6 W/827 ADV FR S14s [2)] | 6.00 W | 230 V | 2700 K | 250 lm | 300.0 mm | 20000 h |
| LEDinestra 9 W/827 ADV FR S14d [3)] | 9.00 W | 230 V | 2700 K | 450 lm | 500.0 mm | 20000 h |
| LEDinestra 9 W/827 ADV FR S14s [3)] | 9.00 W | 230 V | 2700 K | 450 lm | 500.0 mm | 20000 h |
| LEDinestra ADV 16.5 W/827 S14s [4)] | 16.50 W | 230 V | 2700 K | 1055 lm | 1000 mm | 20000 h |

| | | | Additional product data | Capabilities | Country specific categorizations | |
|---|---|---|---|---|---|---|
| **Product description** | **Rated lamp life time** | **Number of switching cycles** | **Base (standard designation)** | **Dimmable** | **ILCOS** | **Order reference** |
| LEDinestra 6 W/827 ADV FR S14d [1)] | 20000 h | 50000 | S14d | Yes [5)] | DRL/F-6/827-230-S14D-29/300 | LEDINESTRA 6W/8 |
| LEDinestra 6 W/827 ADV FR S14s [2)] | 20000 h | 50000 | S14s | Yes [5)] | DRL/F-6/827-230-S14S-29/300 | LEDINESTRA 6W/8 |
| LEDinestra 9 W/827 ADV FR S14d [3)] | 20000 h | 50000 | S14d | Yes [5)] | DRL/F-9/827-230-S14D-29/500 | LEDINESTRA 9W/8 |
| LEDinestra 9 W/827 ADV FR S14s [3)] | 20000 h | 50000 | S14s | Yes [5)] | DRL/F-9/827-230-S14S-29/500 | LEDINESTRA 9W/8 |
| LEDinestra ADV 16.5 W/827 S14s [4)] | 20000 h | 100000 | S14s | Yes [5)] | DRL/F-16,5/827-230-S14S-29/1000 | LEDINESTRA16,5W |

[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 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 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)

[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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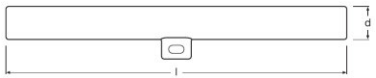
[4] All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value

[5] With many common dimmers, see also www.ledvance.com/dim





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

LEDinestra 6 W/827 ADV FR S14s,
LEDinestra 9 W/827 ADV FR S14s,
LEDinestra ADV 16.5 W/827 S14s

## Application advice

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

## Logistical Data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| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---|---|---|---|---|---|
| 4052899110335 | LEDinestra 6 W/827 ADV FR S14d | Shipping carton box<br>5 | 348 mm x 260 mm x 80 mm | 7.24 $dm^3$ | 747.00 g |
| 4052899110311 | LEDinestra 6 W/827 ADV FR S14s | Shipping carton box<br>5 | 348 mm x 260 mm x 80 mm | 7.24 $dm^3$ | 742.00 g |
| 4008321979216 | LEDinestra 9 W/827 ADV FR S14d | Shipping carton box<br>5 | 548 mm x 260 mm x 80 mm | 11.40 $dm^3$ | 1080.00 g |
| 4008321979193 | LEDinestra 9 W/827 ADV FR S14s | Shipping carton box<br>5 | 548 mm x 260 mm x 80 mm | 11.40 $dm^3$ | 1060.00 g |
| 4052899961319 | LEDinestra ADV 16.5 W/827 S14s | Shipping carton box<br>5 | 1060 mm x 278 mm x 87 mm | 25.64 $dm^3$ | 1995.00 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 dimming conformity see
- www.osram.com/DIM

For further products and actual information concerning LED lamps see
- www.osram.com/ledlamps

For Guarantee see
- www.osram.com/guarantee

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