

# PRODUCT DATASHEET

## LEDinestra 300 mm 25 4.5 W/2700 K S14s

LEDinestra® DIM | Dimmable tubular LED lamps



### Areas of application

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

### Product benefits

- Very long lifetime of up to 25,000 h
- Low energy consumption
- Good color rendering

### Product features

- LED alternative to tubular incandescent lamps
- Dimmable (with many common dimmers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim))
- For especially uniform illumination
- Mercury-free lamps
- Bulb made from glass



## TECHNICAL DATA

### Electrical data

|  |             |
|--|-------------|
| Nominal wattage                          | 4.5 W       |
| Construction wattage                     | 4.50 W      |
| Nominal voltage                          | 220...240 V |
| Claimed equiv. conventional lamp power   | 25 W        |
| Nominal current                          | 23 mA       |
| Type of current                          | AC          |
| Inrush current                           | 0.6 A       |
| Operating frequency                      | 50...60 Hz  |
| Mains frequency                          | 50...60 Hz  |
| Max. lamp no. on circuit break. 10 A (B) | 400         |
| Max. lamp no. on circuit break. 16 A (B) | 500         |
| Total harmonic distortion                | 20 %        |
| Power factor $\lambda$                   | > 0.80      |

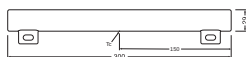
### Photometrical data

|   |            |
|---|------------|
| Luminous flux                           | 250 lm     |
| Nominal useful luminous flux 90°        | 250 lm     |
| Luminous efficacy                       | 55 lm/W    |
| Lumen main.fact.at end of nom.life time | 0.70       |
| Light color (designation)               | Warm White |
| Color temperature                       | 2700 K     |
| Color rendering index Ra                | ≥80        |
| Light color                             | 827        |
| Standard deviation of color matching    | ≤6 sdcn    |
| Rated LLMF at 6,000 h                   | 0.80       |

### Light technical data

|                                    |          |
|------------------------------------|----------|
| Beam angle                         | 200 °    |
| Warm-up time (60 %)                | < 0.50 s |
| Starting time                      | < 0.5 s  |
| Rated beam angle (half peak value) | 200.00 ° |

### Dimensions & Weight



|   |           |
|---|-----------|
| Overall length                              | 300.00 mm |
| Length with base excl. base pins/connection | 300,00 mm |
| Diameter                                    | 29 mm     |
| Maximum diameter                            | 29 mm     |
| Product weight                              | 78.00 g   |

### Temperatures & operating conditions

|                                      |              |
|--------------------------------------|--------------|
| Ambient temperature range            | -20...+40 °C |
| Maximum temperature at tc test point | 60 °C        |

### Lifespan

|                                     |         |
|-------------------------------------|---------|
| Nominal lamp life time              | 25000 h |
| Number of switching cycles          | 100000  |
| Lumen maintenance at end of serv    | 0.70    |
| Rated lamp survival factor at 6,000 | ≥ 0.90  |

### Additional product data

|                             |         |
|-----------------------------|---------|
| Base (standard designation) | S14s    |
| Mercury content             | 0.0 mg  |
| Mercury-free                | Yes     |
| Design / version            | Frosted |

### Capabilities

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

### Certificates & Standards

|  |                 |
|--|-----------------|
| Energy efficiency class                      | A <sup>1)</sup> |
| Energy consumption                           | 5.00 kWh/1000h  |
| Type of protection                           | IP20            |
| Standards                                    | CE              |
| Photobiological safety group acc. to EN62778 | RG0             |

<sup>1)</sup> Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)





### Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | LEDINESTRA4,5W/ |
|-----------------|-----------------|

## Energy labelling regulation data acc EU 2019/2015

|   |           |
|---|-----------|
| Light source cap-type (or other electric interface) | S14s      |
| Length  | 300.00 mm |
| Height  | 29 mm     |
| Width   | 29 mm     |

## DOWNLOAD DATA

| DOWNLOAD DATA   |   |
|---|---|
|   | PRODUCT DATASHEET<br>LEDInestra 4.5 W 2700K 300 mm FR DATASHEET           |
|   | Declarations of conformity<br>EC Declaration of Conformity LEDInetsra DIM |
|   | IES file (IES)<br>AC18697_LEDINESTRA4,5W 827230VDIMFRS                    |
|  | LDT file (Eulumdat)<br>AC18697_LEDINESTRA4,5W 827230VDIMFRS               |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075135529 | Folding box<br>1             | 33 mm x 50 mm x 307 mm               | 116.00 g     | 0.50 dm <sup>3</sup>  |
| 4058075135536 | Shipping box<br>10           | 370 mm x 215 mm x 155 mm             | 1361.00 g    | 12.33 dm <sup>3</sup> |

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.ledvance.com/dim](http://www.ledvance.com/dim)
- For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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