

# PRODUCT DATASHEET

## LEDinestra 40 200 ° 6 W/2700 K S14d

LEDinestra® | Tubular LED lamps



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### Areas of application

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

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### Product benefits

- Long lifetime of up to 15,000 h
- Low energy consumption
- Good color rendering

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### Product features

- LED alternative to tubular incandescent lamps
- Uniform illumination
- Mercury-free lamps
- Bulb made from glass



## TECHNICAL DATA

### Electrical data

Nominal wattage	6 W
Construction wattage	6.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	28 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)	300
Max. lamp no. on circuit break. 16 A (B)	500
Power factor $\lambda$	> 0.80

### Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	78 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 sdc <sub>m</sub>
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	500.00 mm
Length with base excl. base pins/connection	500,00 mm
Diameter	29 mm
Maximum diameter	29 mm
Product weight	120.00 g

### Temperatures & operating conditions

Ambient temperature range	0...+30 °C
Maximum temperature at tc test point	50 °C

### Lifespan

Nominal lamp life time	15000 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)	S14d
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted

### Capabilities

Dimmable	No
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### Certificates & Standards

Energy efficiency class	A+ <sup>1)</sup>
Energy consumption	6.00 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

ILCOS	DRL/F-6/827-230-S14D-29/500
Order reference	LEDINESTRA40 6W

## Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	S14d
Length	500.00 mm
Height	29 mm
Width	29 mm

## DOWNLOAD DATA

DOWNLOAD DATA	
	PRODUCT DATASHEET LEDInestra 40 200 6 W 2700K S14d DATASHEET
	Declarations of conformity EC Declaration LEDInestra-non_DIM
	IES file (IES) AC18703_LEDINESTRA 6W 827 230VFR S14
	LDT file (Eulumdat) AC18703_LEDINESTRA 6W 827 230VFR S14

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075817791	Folding box 1	33 mm x 50 mm x 507 mm	172.00 g	0.84 dm <sup>3</sup>
4058075817807	Shipping box 10	570 mm x 215 mm x 155 mm	1665.00 g	19.00 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 Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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