PRODUCT DATASHEET
LEDinestra 300 mm 25 4.5 W/2700 K S14d

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)
- For especially uniform illumination
- Mercury-free lamps
- Bulb made from glass





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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 λ	> 0.80

Photometrical data

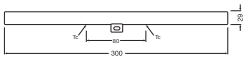
Luminous flux	250 lm
Nominal useful luminous flux 90°	250 lm
Luminous efficacy	55 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000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

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Overall length	300.00 mm
Length with base excl. base pins/connection	300,00 mm
Diameter	29 mm
Maximum diameter	29 mm
Product weight	80.00 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)	S14d
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted

Capabilities

Dimmable	Yes

Certificates & Standards

Energy efficiency class	A [1)]
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

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Order reference	LEDINESTRA4,5W/

Energy labellling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	S14d
Length	300.00 mm
Height	29 mm
Width	29 mm

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	PRODUCT DATASHEET LEDinestra 4.5 W 2700K 300 mm FR DATASHEET
PDF	Declarations of conformity EC Declaration of Conformity LEDinetsra DIM
	IES file (IES) AC18698_LEDINESTRA4,5W 827230VDIMFRS
	LDT file (Eulumdat) AC18698_LEDINESTRA4,5W 827230VDIMFRS

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075135543	Folding box 1	33 mm x 50 mm x 307 mm	118.00 g	0.50 dm^3
4058075135550	Shipping box 10	370 mm x 215 mm x 155 mm	1381.00 g	12.33 dm^3

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
- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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

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