

PRODUCT DATASHEET

LEDinestra 30CM 27 190° DIM 3W 927

Frosted S14d

LEDinestra® DIM HD Lighting | Dimmable tubular LED lamps



Areas of application

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

Product benefits

- Very good color rendering ($R_a \geq 90$)
- Very long lifetime of up to 25,000 h
- Lower energy consumption than incandescent or halogen lamps

Product features

- LED alternative to tubular incandescent lamps
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- For especially uniform illumination



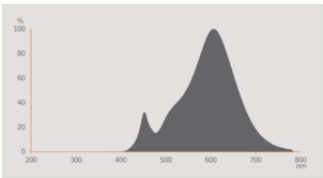
TECHNICAL DATA

Electrical data

Nominal wattage	3 W
Construction wattage	3.00 W
Nominal voltage	220...240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	27 W
Nominal current	16 mA
Type of current	AC
Inrush current	0.29 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	500
Max. lamp no. on circuit break. 16 A (B)	800
Total harmonic distortion	≤ 150 %
Power factor λ	≥ 0.40

Photometrical data

Luminous flux	275 lm
Nominal useful luminous flux 90°	275 lm
Luminous efficacy	91 lm/W
Lumen main.fact.at end of nom.life time	0.96
Light color (designation)	Warm white
Color temperature	2700 K
Color rendering index Ra	90
Light color	927
Standard deviation of color matching	≤6 sdcn
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



Light technical data

Beam angle	190 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	300.00 mm
Diameter	29.00 mm
Maximum diameter	29 mm
Product weight	52.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	51.7 °C

Lifespan

Lifespan L70/B50 at 25 °C	25000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.96

Additional product data

Base (standard designation)	S14d
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted
Product remark	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

Capabilities

Dimmable	Yes ¹⁾
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1) Check dimmer compatibility at [ledvance.com/compatibility](https://www.ledvance.com/compatibility)

Certificates & Standards

Energy efficiency class	F 1)
Energy consumption	3.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA / EAC
Photobiological safety group acc. to EN62778	RG1

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

Country-specific categorizations

Order reference	LEDINES 30CM 3W
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LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
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Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	NDLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	S14d
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0 W
Claim of equivalent power	Yes
Length	300.00 mm
Height	29.00 mm
Width	29.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	50

Beam angle correspondence	SPHERE_360
Survival factor	0.9
Displacement factor	0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1838197
Model number	AC57801

DOWNLOAD DATA

Documents and certificates	
	Declarations Of Conformity CE
	Declarations Of Conformity UKCA
Photometric and lighting design files	
	Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854232817	Folding box 1	32 mm x 50 mm x 342 mm	75.00 g	0.55 dm ³
4099854232824	Shipping box 10	352 mm x 172 mm x 120 mm	911.00 g	7.27 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.