PRODUCT DATASHEET
LEDinestra 100CM 75 190° DIM 9.9W 927 Frosted S14s

LEDinestra DIM HD Lighting | Dimmable tubular LED lamps



Areas of application

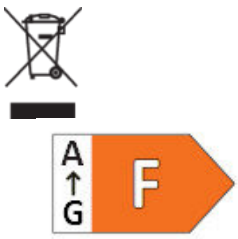
- Ideal for mirror lighting
- Hotels, restaurants
- Domestic applications
- Outdoor use in suitable outdoor luminaires only

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

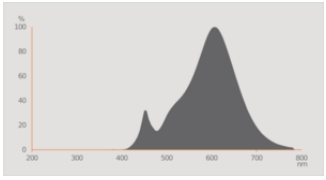
Electrical data

Nominal wattage	9.9 W
Construction wattage	9.90 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	75 W
Nominal current	58 mA
Type of current	AC
Inrush current	0.3 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	137
Max. lamp number on MCB B16 A	220
Maximum total harmonic distortion	≤ 150 %
Power factor λ	≥ 0.50

Photometrical data

Luminous flux	1055 lm
Luminous efficacy	106 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 sdcm
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

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Everlight 67-23ST HKE 2700K

Light technical data

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

Dimensions & Weight



Overall length	1000.00 mm
Diameter	29.00 mm
Maximum diameter	29 mm
Product weight	147.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	78.2 °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)	S14s
Mercury content	0.0 mg
Mercury-free	Yes

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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)]

1) Check dimmer compatibility at ledvance.com/compatibility

Certificates & Standards

Energy efficiency class	F [1)]
Energy consumption	10.00 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	LEDINES100CM 9,

LOGISTICAL DATA

Temperature range at storage	-20…+80 °C

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)	S14s
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

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Length	1000.00 mm
Height	29.00 mm
Width	29.00 mm
Chromaticity coordinate x	0.4578
Chromaticity coordinate y	0.4101
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.9
Displacement factor	0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1838201,2365057
Model number	AC57805,AC57805,AC84132

Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Declarations of conformity	LEDinestra DIM
PDF	Declarations of conformity	LED lamp LEDINESTRA
PDF	Declarations of conformity UKCA	LEDinestra DIM
PDF	Declarations of conformity UKCA	LED lamp LEDINESTRA

	Photometric and lighting design files	Document name
	Spectral power distribution	Everlight 67-23ST HKE 2700K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854232893	Folding box 1	32 mm x 50 mm x 1,084 mm	222.00 g	1.73 dm^3
4099854232909	Shipping box 6	1,094 mm x 106 mm x 120 mm	1617.00 g	13.92 dm^3

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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

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