PRODUCT DATASHEET
LEDinestra Base 50CM 40 145° 6W 827 Frosted S14s

LEDINESTRA BASE | Tubular LED lamps



Areas of application

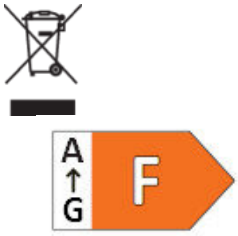
- Ideal for mirror lighting
- Hotels, restaurants
- Domestic applications
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Long lifetime of up to 15,000 h
- Lower energy consumption than incandescent or halogen lamps
- Good color rendering

Product features

- LED alternative to tubular incandescent lamps
- Uniform illumination



TECHNICAL DATA

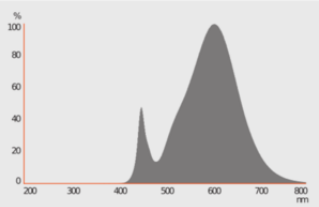
Electrical data

Nominal wattage	6 W
Construction wattage	6.00 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	40 W
Nominal current	39 mA
Type of current	AC
Inrush current	1.97 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	205
Max. lamp number on MCB B16 A	328
Power factor λ	0.70

Photometrical data

Luminous flux	640 lm
Nominal useful luminous flux 90°	640 lm
Luminous efficacy	106 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	1
Stroboscope effect metric (SVM)	0.4

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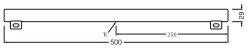


349927_2700K_Evl_5630.eps

Light technical data

Beam angle	145 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	500.00 mm
Diameter	28.00 mm
Maximum diameter	28 mm
Product weight	69.7 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	50 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93
Rated lamp survival factor at 6,000 h	≥ 0.90

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Additional product data

Base (standard designation)	S14s
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	No

Certificates & Standards

Energy efficiency class	F [1)]
Energy consumption	6.00 kWh/1000h
Type of protection	IP20
Standards	CE / 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	LEDIBASE50CM 6W

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	NMLS
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

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Standby power	0 W
Claim of equivalent power	Yes
Length	500.00 mm
Height	28.00 mm
Width	28.00 mm
Chromaticity coordinate x	0,4644
Chromaticity coordinate y	0,4212
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.9
Displacement factor	0.9
LED light source replaces a fluorescent light source	No
EPREL ID	1256753
Model number	AC42809,AC42809

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	LED lamp S14 lamp

	Photometric and lighting design files	Document name
	Spectral power distribution	349927_2700K_Evl_5630.eps

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075762411	Folding box 1	33 mm x 50 mm x 505 mm	113.70 g	0.83 dm^3
4058075762428	Shipping box 10	520 mm x 186 mm x 117 mm	1342.00 g	11.32 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.

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References / Links

- For Guarantee see www.ledvance.com/guarantee
- For dimming conformity see www.ledvance.com/dim

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