PRODUCT DATASHEET

LEDinestra 500 mm 40 4.8 W/2700 K S14d

LEDinestra® | Tubular LED lamps

Areas of application

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

Product benefits

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

Product features

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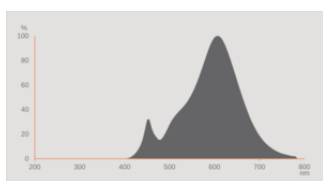- Mercury-free lamps
- Bulb made from glass

TECHNICAL DATA

Electrical data

Nominal wattage	4.8 W
Construction wattage	4.80 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	40 mA
Type of current	AC
Inrush current	6.06 mA
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	50
Max. lamp no. on circuit break. 16 A (B)	90
Total harmonic distortion	159.1 %
Power factor λ	0.52

Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	97 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
Flickering metric (Pst LM)	0.1
Stroboscope effect metric (SVM)	0.1

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
Diameter	29.00 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

Lifespan	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
Design / version	Frosted

Capabilities

Dimmable	No

Certificates & Standards

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

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

Country-specific categorizations

Order reference	LEDINES 50CM 4,

LOGISTICAL DATA

Temperature range at storage	-20...+80 °C

Energy labellling 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	0.00 W
Networked standby power for CLS	0.00 W
Claim of equivalent power	Yes
Length	500.00 mm
Height	29.00 mm
Width	29.00 mm
Chromaticity coordinate x	0,458
Chromaticity coordinate y	0,410
R9 Colour rendering index	11.8
Beam angle	SPHERE_360
Survival factor	0.90
Displacement factor	0.90

LED light source replaces a fluorescent light source	not applicable
EPREL ID	522912,522912
Model number	AC33895,AC33895

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	Declarations of conformity LED SPECIAL
	LDT file (Eulumdat) LEDINES 50CM 4.8W 827 230V S14D

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075607156	Folding box 1	33 mm x 50 mm x 507 mm	172.00 g	0.82 dm³
4058075607163	Shipping box 10	570 mm x 215 mm x 155 mm	2122.00 g	19.00 dm³

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

DISCLAIMER

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