

LEDinestra® 6W



- Replacement for incandescent Linestra® with 300 mm length
- low energy consumption and maintenance costs
- longer lifetime
- Technology oriented end-consumer

Product Offering

Type reference	Wattage	CCT	lm	CRI
LEDinestra®	6W	2700K	250	88

1. Key Features and Benefits

- 6W LED lamp as high-quality replacement of 25W incandescent lamp
- S14s and S14d base
- 230V
- available in 2700K warm white color temperature
- reduces energy consumption up to 80%
- excellent color rendering Ra 88
- 12,000 hours lifetime
- UV and NIR radiation free
- Mercury free
- unique glas bulb
- 3 years Osram Guarantee¹
- Not dimmable

¹See www.osram.com/quarantee

2. Common Characteristics³

Average lifetime ⁴		Switching cycles (30s on, 30s off)		Casing material	Starting time	Warm up time for 60% light	Power factor
12,000h		50.000		glas	0s	none	0,6
Mercury max.	Base Type	Length	Diameter	Weight	Tc temperature max. ⁵	Nominal current (230V)	
0.0mg	S14s + S14d	300mm	29mm	80g	75° C	43mA	

3. Characteristic Range³

Type reference	Wattage	Luminous flux	Luminous intensity	Correlated colour temperature	SDCM	CRI	Beam angle
LEDinestra®	6W	250lm	-	2700K±100K	-	88	-

Good heat exchange supports ideal performance



³ Typical values. All the technical parameters apply to the entire lamp. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values.

⁴ The average lifetime of LED lamps is defined as the number of hours when the light output of 50% of a large group of identical lamps goes below 70% of its initial luminous flux (L70B50, IEC60969). The lifetime is estimated at room temperature (25°C), free air burning, base up burning position and at rated voltage.

⁵ The Tc is defined as the highest permissible temperature which may occur on the outer surface of the LED lamp (in the indicated position) under normal operating conditions and at the rated voltage/current/power or the maximum of the rated voltage/current/power range (DIN EN 62031: 2009-01)

4. Disposal information

WEEE-lamps can be returned at specific collection points.
LED lamps have to be disposed as special waste.



5. Application Information

Applications

- For mirror lighting
- commercial areas
- kitchen
- hotels
- residentials
- restaurants

Application Notes

1. suitable for indoor application.
2. for outdoor applications and operation in damp locations special approved fixture are required
3. Input voltage:
230V
4. Operating temperature range between -20°C and 40°C

6. Cost savings: example

Reference product description	Similar halogen product	Watts saved	Cost saved after 1 year	Cost saved after 2 years	Cost saved after lifetime
LEDinestra® 6W	Linestra® 35W	W 29	€ 31,83	€ 95,70	€ 144.-

Based on the assumption of 12hours/day on and an energy cost of 0.19€/kWh average lifetime 12.000 h

7. Ordering Guide

Type reference	Product Number – 1 pcs	Product Number – 1 shipping unit	Number of pcs / ship. unit
LEDinestra® 6W S14d	4008321975331	4008321975348	5
LEDinestra® 6W S14s	4008321975317	4008321975324	5

8. Lamp conformity

2006/95/EC Electrical equipment designed for use within certain voltage limits
 EN62560 Self ballasted LED-lamps for general lighting services by voltage >50V - Safety
 IEC 62612 Self ballasted LED-lamps for general lighting services – Performance requirements
 2004/108/EC Electromagnetic compatibility (EMC)
 2009/125/EC Ecodesign requirements for energy related products
 2011/65/EC Restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)
 1907/2006 Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH Regulation)
 2002/96/EC Waste Electrical and Electronic Equipment Directive (WEEE)
 EN 62471 Photobiological safety of lamps and lamp systems
 EN 55015 Limits and methods of measurement of radio disturbance
 EN 61000-3-2 Electromagnetic compatibility – Limits for harmonic current emission
 EN 61000-3-3 Electromagnetic compatibility – Limitation of voltage changes, voltage fluctuations, flicker in public low voltage supply systems
 244/2009 Ecodesign requirements for non-directional household lamps
 EN61547 Electromagnetic compatibility immunity requirements

www.osram.com