

Product datasheet

NAV-E 50 W/I E27

VIALOX NAV-E/I | High-pressure sodium vapor lamps with internal igniter



- Streets Outdoor lighting Industrial installations
Suitable for use in open and enclosed luminaires Outdoor applications only in suitable luminaires

- High luminous efficacy



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Technical data

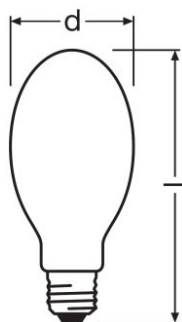
Electrical data

Nominal wattage	50.00 W
Rated wattage	53.60 W
Lamp current	0.77 A
Nominal voltage	85 V
Ignition voltage	0.198 kVp
Nominal current	0.77 A

Photometrical data

Rated luminous flux	3700 lm
Color rendering index Ra	≤25
Color temperature	2000 K
Rated LLMF at 20,000 h	0.72
Nominal luminous flux	3700 lm
Rated color temperature	2000 K
Luminous flux	3700 lm

Dimensions & weight



Diameter	71.0 mm
Length	155.0 mm
Product weight	50.00 g
Outer bulb	E70
Overall length	155.0 mm

Temperatures & operating conditions

Maximum permitted outer bulb temperature	310 °C
Maximum permitted base edge temperature	210 °C

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Lifespan

Lifespan B50	24000 h
Lifespan B10	12000 h
Lifespan B5	9000 h

Additional product data

Base (standard designation)	E27
Product remark	Operate only with NAV control gear. No igniter required/ErP compliant according to EU Regulation 245/2009
Design / version	Coated
Mercury content	10.8 mg ¹⁾
Appropriate disposal acc. to WEEE	Yes
Mercury-free	No

¹⁾ Maximum

Capabilities

Dimmable	No
Burning position	Any
Enclosed luminaire required	No

Certificates & standards

Energy efficiency class	G
Energy consumption	54 kWh/1000h

Country specific categorizations

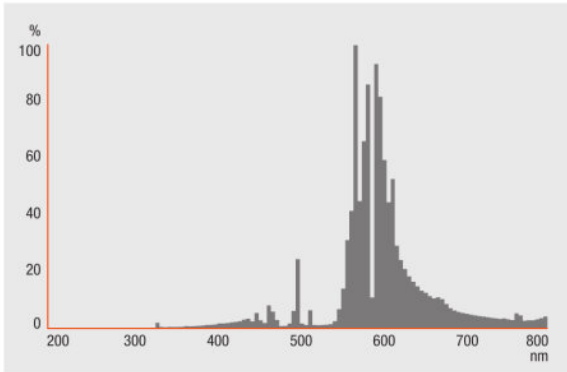
ILCOS	SE-50-H/I/S-E27-71/156
Order reference	NAV-E 50W/I E27

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	18-04-2022
Primary Article Identifier	4050300015583
Declaration No. in SCIP database	In work

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Light Distribution



NAV_SUPER_4Y_SUPER_6Y

Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300015583	NAV-E 50 W/I E27	Shipping carton box 24 Pieces Round wrap	360 mm x 355 mm x 285 mm	36.42 dm ³	2039.00 g

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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Disclaimer

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

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