

Product datasheet

NAV-E 70 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

Product features

- Service lifetime: 3 years (at approx. 11 h/day)
- Average lifetime: up to 24,000 h
- ErP compliant according to EU Regulation 245/2009

Product benefits

- High luminous efficacy



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Areas of application

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

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Technical data

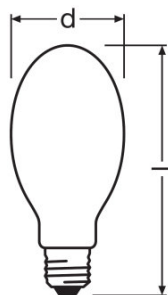
Electrical data

Nominal wattage	70.00 W
Rated wattage	70.00 W
Lamp current	0.98 A
Nominal voltage	90 V
Ignition voltage	0.198 kVp

Photometrical data

Rated luminous flux	5900 lm
Color rendering index Ra	≤25
Color temperature	2000 K
Rated LLMF at 20,000 h	0.80

Dimensions & weight



Diameter	71.0 mm
Length	156.0 mm
Product weight	71.00 g

Temperatures & operating conditions

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

Lifespan

Lifespan B50	24000 h
Lifespan B10	14000 h
Lifespan B5	12000 h

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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	12.0 mg ¹⁾
Appropriate disposal acc. to WEEE	Yes

¹⁾ Maximum

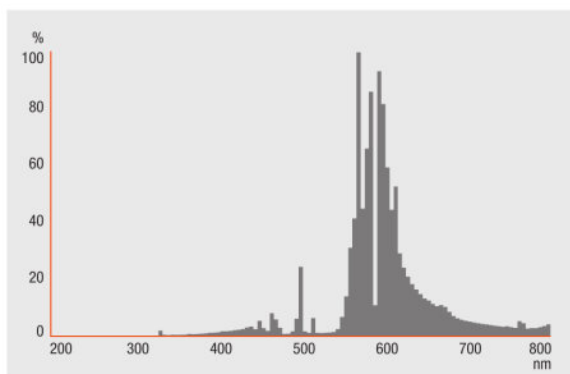
Capabilities

Dimmable	No
Burning position	Any
Enclosed luminaire required	No

Country specific categorizations

ILCOS	SE-70-H/I/S-E27-71/156
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Light Distribution



Spectral power distribution

Logistical Data

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Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300015590	NAV-E 70 W/I E27	Shipping carton box 24 Pieces Round wrap	360 mm x 355 mm x 283 mm	36.17 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.

Disclaimer

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

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