NAV-E 68 W E27

VIALOX NAV-E Plug-in | High-pressure sodium vapor lamps for open and enclosed luminaires



Areas of application

- Streets
- Outdoor lighting
- Industrial installations
- Luminaires that use mercury vapor lamps HQL 80 W, 125 W, 250 W, 400 W
- Suitable for use in open and enclosed luminaires
- Outdoor applications only in suitable luminaires

Product benefits

- No modifications to existing luminaire components required

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Technical data

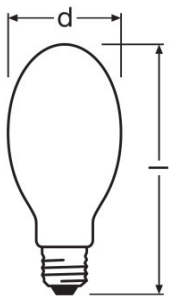
Electrical data

Nominal wattage	68.00 W
Rated wattage	68.00 W
Lamp current	0.85 A
Nominal voltage	102 V
Ignition voltage	0.198 kVp

Photometrical data

Rated lamp efficacy (standard condition)	82 lm/W
Rated luminous flux	5600 lm
Color rendering index Ra	≤25
Color temperature	2000 K
Rated LLMF at 2,000 h	0.92
Rated LLMF at 4,000 h	0.88
Rated LLMF at 6,000 h	0.85
Rated LLMF at 8,000 h	0.84
Rated LLMF at 12,000 h	0.83
Rated LLMF at 16,000 h	0.80
Rated LLMF at 20,000 h	0.75

Dimensions & weight



Diameter	71.0 mm
Length	156.0 mm
Product weight	71.00 g

Temperatures & operating conditions

Maximum permitted outer bulb temperature	400 °C

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Maximum permitted base edge temperature	210 °C

Lifespan

Rated lamp survival factor at 2,000 h	0.98
Rated lamp survival factor at 4,000 h	0.98
Rated lamp survival factor at 6,000 h	0.97
Rated lamp survival factor at 8,000 h	0.96
Rated lamp survival factor at 12,000 h	0.90
Rated lamp survival factor at 16,000 h	0.80
Rated lamp survival factor at 20,000 h	0.50
Lifespan B50	20000 h
Lifespan B10	12000 h
Lifespan B5	9000 h
Operation mode LLMF/LSF	50 Hz

Additional product data

Base (standard designation)	E27
Product remark	ErP compliant according to EU Regulation 245/2009
Design / version	Coated
Mercury content	19.0 mg

Capabilities

Dimmable	No
Burning position	Any
Enclosed luminaire required	No

Certificates & standards

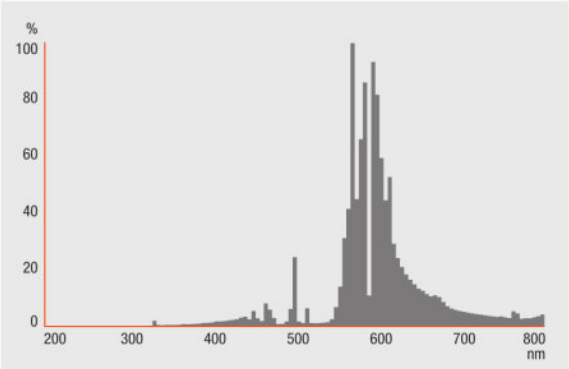
Energy efficiency class	A
Energy consumption	75 kWh/1000h

Country specific categorizations

ILCOS	SEQ-68-H/I/S-E27-71/152

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Light Distribution



Spectral power distribution

Safety advice

Control gear must be suitable for the higher operating current of the NAV Plug-in lamps. The maximum permissible winding temperature as defined in VDE and IEC specifications must not be exceeded. In case of doubt, consult the manufacturer of the luminaire or control gear.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321345462	NAV-E 68 W E27	Shipping carton box 24 Pieces Round wrap	360 mm x 354 mm x 283 mm	36.07 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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