
Product datasheet

NAV-E 70 W/E E27

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



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

- High luminous efficacy



Product datasheet

Technical data

Electrical data

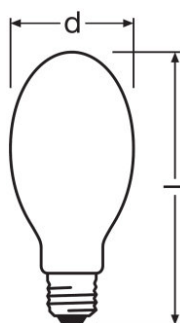
Nominal wattage	70.00 W
Rated wattage	70.00 W
Lamp current	0.98 A
Nominal voltage	90 V
Ignition voltage	1.8 kVp;5.0 kVp ¹⁾
Nominal current	0.98 A

¹⁾ Minimum;Maximum

Photometrical data

Rated lamp efficacy (standard condition)	84 lm/W
Rated luminous flux	5900 lm
Color rendering index Ra	≤25
Color temperature	2000 K
Rated LLMF at 2,000 h	0.92
Rated LLMF at 4,000 h	0.86
Rated LLMF at 6,000 h	0.83
Rated LLMF at 8,000 h	0.82
Rated LLMF at 12,000 h	0.81
Rated LLMF at 16,000 h	0.80
Rated LLMF at 20,000 h	0.75
Nominal luminous flux	5900 lm
Rated color temperature	2000 K
Luminous flux	5900 lm

Dimensions & weight



Diameter	71.0 mm
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Length	156.0 mm
Product weight	56.00 g
Outer bulb	E70
Overall length	156.0 mm

Temperatures & operating conditions

Maximum permitted outer bulb temperature	310 °C
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	0.95
Rated lamp survival factor at 16,000 h	0.85
Rated lamp survival factor at 20,000 h	0.75
Lifespan B50	28000 h
Lifespan B10	14000 h
Lifespan B5	12000 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	18.7 mg ¹⁾
Appropriate disposal acc. to WEEE	Yes
Mercury-free	No

¹⁾ Maximum

Capabilities

Dimmable	Yes ¹⁾
Burning position	Any
Enclosed luminaire required	No

¹⁾ In combination with POWERTRONIC PTO

Certificates & standards

Energy efficiency class	A
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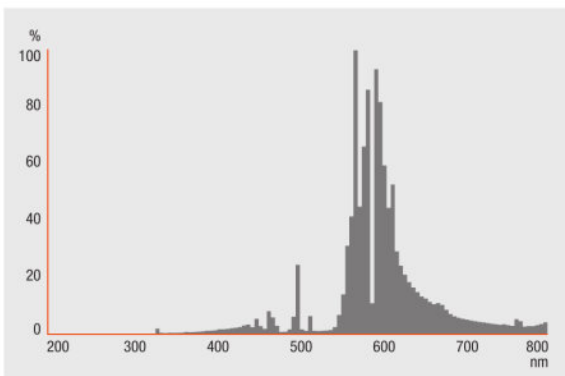
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Energy consumption	77 kWh/1000h
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Country specific categorizations

ILCOS	SE-70-H/E/SL-E27-71/156
Order reference	NAV-E 70W/E E27

Light Distribution



NAV_SUPER_4Y_SUPER_6Y

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300015767	NAV-E 70 W/E E27	Shipping carton box 24 Pieces Round wrap	360 mm x 356 mm x 285 mm	36.53 dm ³	1967.00 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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Product name	Product name ECG	EAN
NAV-E 70 W/E E27	PTo 70/220-240 3DIM	4008321959355