PRODUCT DATASHEET
NAV-T 70 W SUPER 4Y

VIALOX NAV-T SUPER 4Y | High-pressure sodium vapor lamps for open and enclosed luminaires

AREAS OF APPLICATION

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

PRODUCT BENEFITS

- Long lifetime
- Very high luminous efficacy
- Very good luminous flux maintenance throughout the life of the lamp
- Energy savings of up to 50 % when replacing mercury vapor lamps (HQL)
- Optimum energy efficiency on POWERTRONIC PTo 3DIM ECGs

PRODUCT FEATURES

- Lamp survival factor: 95 % after 16,000 h burning time
- Average lifetime: up to 36,000 h
- Lamp maintenance factor: ≥ 80 % after 16,000 h burning time (according to DIN 13201)
- Service lifetime: 4 years (at approx. 11 h/day)
- ErP compliant according to EU Regulation 245/2009
- Dimmable on conventional control gears and electronic control gears
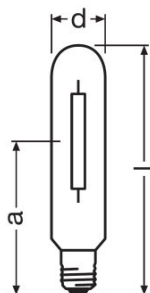
TECHNICAL DATA

Electrical data

Rated wattage	71.00 W
Lamp current	1.0 A
Nominal wattage	70.00 W
Nominal voltage	90 V
Ignition voltage	1.8 / 5.0 kVp [1]

[1] Minimum / Maximum

Photometrical data

Rated luminous flux	6600 lm
Color temperature	2000 K
Luminous flux	6600 lm
Color rendering index Ra	≤25

Dimensions & weight

Diameter	36.0 mm
Length	156.0 mm
Light center length (LCL)	104.0 mm
Product weight	55.70 g

Temperatures & operating conditions

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

Lifespan

Lifespan B50	30000 h
Lifespan B10	20000 h
Lifespan B5	16000 h

Additional product data

Base (standard designation)	E27
Product remark	Important: Before replacing for NAV Standard lamps in existing installations, check that the igniters are suitable
Design / version	Clear
System guarantee level	3 (2/5)
Mercury content	19.0 mg [1]

[1] Maximum

Capabilities

Dimmable	Yes [1]
Burning position	Any
Enclosed luminaire required	No

[1] In combination with POWERTRONIC PTo

Country-specific categorizations

ILCOS	ST-70-H/E/SL-E27-39/156

Light Distribution

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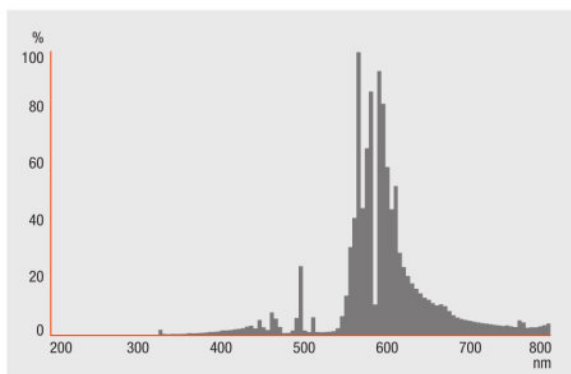
Spectral power distribution

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight

4052899415416	NAV-T 70 W SUPER 4Y	Shipping carton box 12	168 mm x 130 mm x 212 mm	4.63 dm³	1174.00 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.

REFERENCES / LINKS

For more information on the system guarantee and the terms and conditions of the guarantee visit
▶ www.ledvance.com/system-guarantee

DISCLAIMER

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

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