
Product datasheet

NAV-T 250 W SUPER 4Y

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



Product datasheet

Technical data

Electrical data

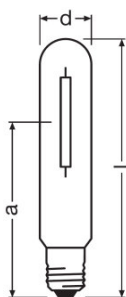
Nominal wattage	250.00 W
Rated wattage	255.00 W
Lamp current	2.95 A
Nominal voltage	100 V
Ignition voltage	3.3 kVp;5.0 kVp ¹⁾
Nominal current	2.95 A

¹⁾ Minimum;Maximum

Photometrical data

Rated lamp efficacy (standard condition)	125 lm/W
Rated luminous flux	31900 lm
Color rendering index Ra	≤25
Color temperature	2000 K
Rated LLMF at 2,000 h	0.98
Rated LLMF at 4,000 h	0.97
Rated LLMF at 6,000 h	0.96
Rated LLMF at 8,000 h	0.95
Rated LLMF at 12,000 h	0.94
Rated LLMF at 16,000 h	0.94
Rated LLMF at 20,000 h	0.94
Nominal luminous flux	31900 lm
Rated color temperature	2000 K
Luminous flux	31900 lm

Dimensions & weight



Diameter	47.0 mm
----------	---------

Product datasheet

Length	257.0 mm
Light center length (LCL)	158.0 mm
Product weight	165.00 g
Outer bulb	T46
Overall length	257.0 mm

Temperatures & operating conditions

Maximum permitted outer bulb temperature	400 °C
Maximum permitted base edge temperature	250 °C

Lifespan

Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.99
Rated lamp survival factor at 6,000 h	0.98
Rated lamp survival factor at 8,000 h	0.98
Rated lamp survival factor at 12,000 h	0.97
Rated lamp survival factor at 16,000 h	0.96
Rated lamp survival factor at 20,000 h	0.95
Lifespan B50	36000 h
Lifespan B10	24000 h
Lifespan B5	20000 h
Operation mode LLMF/LSF	50 Hz

Additional product data

Base (standard designation)	E40
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	23.1 mg
Appropriate disposal acc. to WEEE	Yes
Mercury-free	No

Capabilities

Dimmable	Yes ¹⁾
Burning position	Any
Enclosed luminaire required	No

¹⁾ In combination with POWERTRONIC PTo

Product datasheet

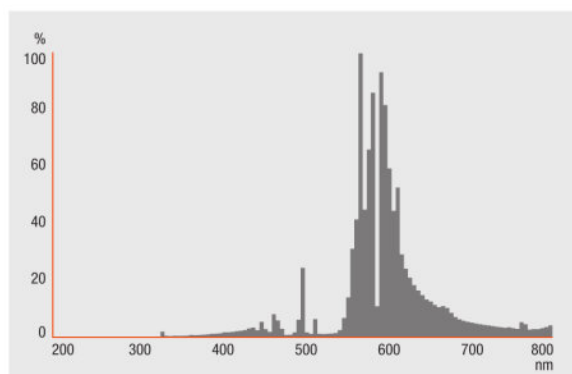
Certificates & standards

Energy efficiency class	A+
Energy consumption	281 kWh/1000h

Country specific categorizations

ILCOS	ST-250-H/E/SL-E40-47/257
Order reference	NAV-T 250W SUPE

Light Distribution



Spectral power distribution

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300024417	NAV-T 250 W SUPER 4Y	Shipping carton box 12 Pieces Sleeves	241 mm x 324 mm x 200 mm	15.62 dm ³	2588.00 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

Product datasheet

▶ www.osram.com/system-guarantee

Disclaimer

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

OSRAM is distribution partner
of LEDVANCE of LAMPS

OSRAM

OSRAM GmbH
Marcel-Breuer-Strasse 6
80807 Munich, Germany

NAV-T 250 W SUPER 4Y

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

Product name	Product name ECG	EAN
NAV-T 250 W SUPER 4Y	PTo 250/220-240 3DIM	4008321863669