

PRODUCT FAMILY DATASHEET

VIALOX NAV-T

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

- High luminous efficacy

PRODUCT FEATURES

- Service lifetime: 3 years (at approx. 11 h/day)
- Average lifetime: up to 20,000 h



TECHNICAL DATA

Product description	Electrical data					Photometrical data					
	Rated wattage	Lamp current	Nominal wattage	Nominal voltage	Ignition voltage	Rated lamp efficacy (standard condition)	Rated luminous flux	Color temperature	Rated LLMF at 2,000 h	Rated LLMF at 4,000 h	Rated LLMF at 6,000 h
NAV-T 1000 W E40 ¹⁾	960.00 W	10.6 A	1000.00 W	110 V	3.6 / 5.0 kVp ²⁾	135 lm/W	130000 lm	2000 K	0.96	0.93	0.91

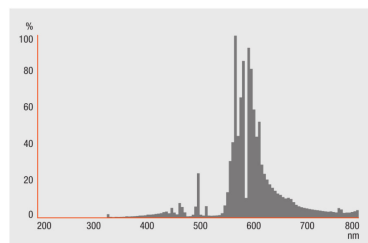
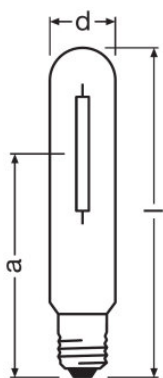
Product description	Rated LLMF at 8,000 h	Rated LLMF at 12,000 h	Rated LLMF at 16,000 h	Rated LLMF at 20,000 h	Luminous flux	Color rendering index Ra	Dimensions & weight			Temperatures & operating conditions		
							Diameter	Length	Light center length (LCL)	Product weight	Max. permitted outer bulb temperature	Max. permitted edge temperature
NAV-T 1000 W E40 ¹⁾	0.89	0.84	0.81	0.79	130000 lm	≤25	66.0 mm	360.0 mm	240.0 mm	300.00 g	400 °C	250 °C

Product description	Lifespan						Additional product data					
	Rated lamp survival factor at 2,000 h	Rated lamp survival factor at 4,000 h	Rated lamp survival factor at 8,000 h	Rated lamp survival factor at 12,000 h	Rated lamp survival factor at 16,000 h	Rated lamp survival factor at 20,000 h	Lifespan B50	Lifespan B10	Lifespan B5	Base (standard designation)	Design / version	Mercury content
NAV-T 1000 W E40 ¹⁾	0.99	0.98	0.95	0.87	0.74	0.50	20000 h	11000 h	8000 h	E40	Clear	39.0 mg

Product description	Capabilities			Certificates & standards	Country-specific categorizations
	Dimmable	Burning position	Enclosed luminaire required	Energy consumption	ILCOS
NAV-T 1000 W E40 ¹⁾	Yes	Any	No	1056 kWh/1000h	ST-1000-H/E/SL-E40-66/360

¹⁾ ErP compliant according to EU Regulation 245/2009

²⁾ Minimum



NAV-T 1000 W E40

NAV-T 1000 W E40

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300615288	Shipping carton box 12	380 mm x 405 mm x 284 mm	4477.00 g	43.71 dm ³

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.