

PRODUCT DATASHEET

NAV-T SUPER 250 W E40

VIALOX® NAV®-T SUPER 4Y® 50...400 W | 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

- 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
- Lamp maintenance factor: ≥ 80 % after 16,000 h burning time (according to DIN 13201)
- Service lifetime: 4 years (at approx. 11 h/day)
- Dimmable on conventional control gears and electronic control gears

TECHNICAL DATA

Electrical data

Nominal wattage	250 W
Construction wattage	250.00 W
PFC capacitor at 50 Hz	32 µF

Photometrical data

Luminous flux	33000 lm
Luminous efficacy	127 lm/W
Color temperature	2000 K
Color rendering index Ra	≤ 25
Light color	220

Dimensions & Weight

Overall length	257.00 mm
Light center length (LCL)	158,0 mm
Diameter	47 mm
Product weight	168.33 g

Additional product data

Base (standard designation)	E40
Mercury content	3.0 mg
Design / version	Clear

Country-specific categorizations

ILCOS	ST-250/20/4-H-E40-46/257
Order reference	NAV-T 250W SUPE

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E40
Length	257.00 mm
Height	47 mm
Width	47 mm

Safety advice

- Disconnect mains before installation.
- Must not be used if outer bulb is defective.
- Protect from spray water.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	High-Intensity-Discharge lamps. Operation instructions

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300948980	Sleeve 1	51 mm x 51 mm x 325 mm	197.33 g	0.85 dm³
4050300948997	Shipping box 12	222 mm x 171 mm x 374 mm	2296.00 g	14.20 dm³

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.