PRODUCT DATASHEET
NAV-T 100 W E27

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)

TECHNICAL DATA

Electrical data

Nominal wattage	100 W
Nominal current	1.2 A
PFC capacitor at 50 Hz	12 µF

Photometrical data

Luminous flux	10000 lm
Luminous efficacy	100 lm/W
Color temperature	2000 K
Color rendering index Ra	≤25
Light color	220
UV protection	No

Dimensions & Weight

Overall length	210.00 mm
Length	210.00 mm
Light center length (LCL)	132,0 mm
Diameter	47 mm
Product weight	150.00 g

Temperatures & operating conditions

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

Lifespan

Lifespan B50	18000 h

Additional product data

Base (standard designation)	E27
Mercury content	13.1 mg
Mercury-free	No
Design / version	Clear
Product remark	Phased out in the EU as non ErP compliant according to EU directive 245/2009

Capabilities

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

[1] In combination with POWERTRONIC PTo

Country-specific categorizations

ILCOS	ST-100-H/E/SL-E40-47/210
Order reference	NAV-T 100W SUPE

Safety advice

– Disconnect mains before installation.
– Must not be used if outer bulb is defective.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	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
4050300864143	Sleeve 1	41 mm x 41 mm x 196 mm	166.00 g	0.33 dm^3
4050300864150	Shipping box 12	176 mm x 135 mm x 216 mm	2099.00 g	5.13 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.