

## 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 <sup>1)</sup> |
| Burning position            | Any               |
| Enclosed luminaire required | No                |

<sup>1)</sup> 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

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4050300864143 | Sleeve<br>1                  | 41 mm x 41 mm x 196 mm               | 166.00 g     | 0.33 dm <sup>3</sup> |
| 4050300864150 | Shipping box<br>12           | 176 mm x 135 mm x 216 mm             | 2099.00 g    | 5.13 dm <sup>3</sup> |

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

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