

# Product datasheet

## NAV-T 150 W SUPER 4Y

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



Technical data

Electrical data

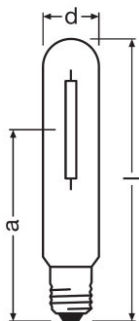
|                  |                               |
|------------------|-------------------------------|
| Nominal wattage  | 150.00 W                      |
| Rated wattage    | 152.00 W                      |
| Lamp current     | 1.8 A                         |
| Nominal voltage  | 100 V                         |
| Ignition voltage | 3.3 kVp;5.0 kVp <sup>1)</sup> |
| Nominal current  | 1.8 A                         |

<sup>1)</sup> Minimum;Maximum

Photometrical data

|  |          |
|--|----------|
| Rated lamp efficacy (standard condition) | 115 lm/W |
| Rated luminous flux                      | 17500 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                    | 17500 lm |
| Rated color temperature                  | 2000 K   |
| Luminous flux                            | 17500 lm |

Dimensions & weight



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

## Product datasheet

|                           |          |
|---------------------------|----------|
| Length                    | 210.0 mm |
| Light center length (LCL) | 132.0 mm |
| Product weight            | 127.00 g |
| Outer bulb                | T46      |
| Overall length            | 210.0 mm |

### Temperatures & operating conditions

|  |        |
|--|--------|
| Maximum permitted outer bulb temperature | 310 °C |
| Maximum permitted base edge temperature  | 210 °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 <sup>1)</sup> |
| Burning position            | Any               |
| Enclosed luminaire required | No                |

<sup>1)</sup> In combination with POWERTRONIC PTO

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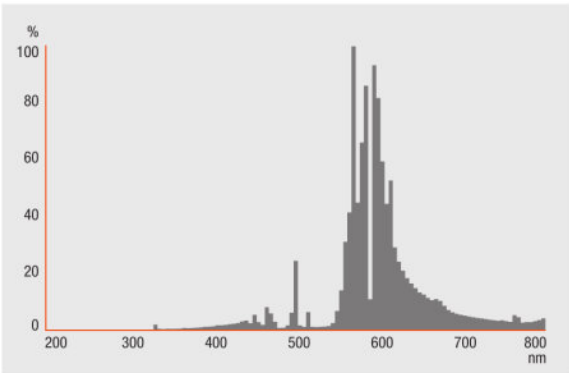
Certificates & standards

|                         |               |
|-------------------------|---------------|
| Energy efficiency class | A+            |
| Energy consumption      | 168 kWh/1000h |

Country specific categorizations

|                 |                          |
|-----------------|--------------------------|
| ILCOS           | ST-150-H/E/SL-E40-47/210 |
| Order reference | NAV-T 150W SUPE          |

Light Distribution



NAV\_SUPER\_4Y\_SUPER\_6Y

Logistical Data

| Product code  | Product description     | Packaging unit<br>(Pieces/Unit)          | Dimensions (length<br>x width x height) | Volume                | Gross weight |
|---------------|-------------------------|--|---|-----------------------|--------------|
| 4050300024400 | NAV-T 150 W SUPER<br>4Y | Shipping carton box<br>12 Pieces Sleeves | 245 mm x 266 mm x<br>200 mm             | 13.03 dm <sup>3</sup> | 2043.00 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](http://www.osram.com/system-guarantee)

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### Disclaimer

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

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| Product name         | Product name ECG     | EAN           |
|----------------------|----------------------|---------------|
| NAV-T 150 W SUPER 4Y | PTo 150/220-240 3DIM | 4008321956385 |