

Product datasheet

NAV-T 100 W SUPER 4Y

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



Product datasheet

Technical data

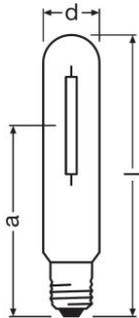
Electrical data

| | |
|------------------|-------------|
| Ignition voltage | 3.3/5.0 kVp |
| Nominal current | 1.2 A A |

Photometrical data

| | |
|------------------------|----------|
| Rated LLMF at 2,000 h | 0.94 |
| Rated LLMF at 4,000 h | 0.92 |
| Rated LLMF at 6,000 h | 0.9 |
| Rated LLMF at 8,000 h | 0.89 |
| Rated LLMF at 12,000 h | 0.88 |
| Rated LLMF at 16,000 h | 0.87 |
| Rated LLMF at 20,000 h | 0.86 |
| Luminous flux | 10300 lm |

Dimensions & weight



| | |
|---------------------------|-----------|
| Light center length (LCL) | 132,0 mm |
| Product weight | 110.00 g |
| Overall length | 211.00 mm |

Temperatures & operating conditions

| | |
|---|--------|
| Maximum permitted base edge temperature | 210 °C |
|---|--------|

Lifespan

| | |
|--------------|---------|
| Lifespan B50 | 36000 h |
| Lifespan B10 | 22000 h |
| Lifespan B5 | 20000 h |

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Additional product data

| | |
|-----------------------------------|--|
| Product remark | Important: Before replacing for NAV Standard lamps in existing installations, check that the igniters are suitable |
| Design / version | Clear |
| Mercury content | 14.4 mg |
| Appropriate disposal acc. to WEEE | Yes |

Capabilities

| | |
|-----------------------------|-----|
| Burning position | Any |
| Enclosed luminaire required | No |

Certificates & standards

| | |
|-------------------------|------------------|
| Energy efficiency class | F |
| Energy consumption | 106.00 kWh/1000h |

Country specific categorizations

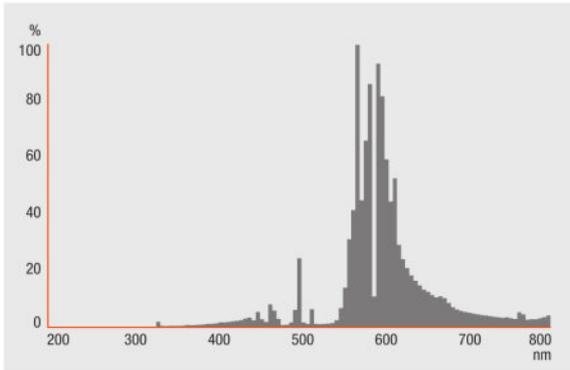
| | |
|-------|--------------------------|
| ILCOS | ST-100-H/E/SL-E40-47/210 |
|-------|--------------------------|

Environmental information

| | |
|--|---------------|
| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
| Date of Declaration | 18-04-2022 |
| Primary Article Identifier | 4050300015743 |
| Declaration No. in SCIP database | In work |

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Light Distribution



NAV_SUPER_4Y_SUPER_6Y

Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|----------------------|--|--------------------------------------|-----------------------|--------------|
| 4050300015743 | NAV-T 100 W SUPER 4Y | Shipping carton box 12 Pieces Sleeves | 247 mm x 270 mm x 220 mm | 14.67 dm ³ | 2262.00 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 <https://www.inventronics-light.com/multilevel-guarantees>

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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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OSRAM

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| Product name | Product name ECG | EAN |
|----------------------|----------------------|---------------|
| NAV-T 100 W SUPER 4Y | PTo 100/220-240 3DIM | 4008321956361 |