

Product datasheet

NAV-TS 70 W SUPER 4Y

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



- Industrial installations Car parks, courtyards Buildings, monuments, bridges Suitable for use in open and enclosed luminaires Outdoor applications only in suitable luminaires

- Long lifetime Very high luminous efficacy Very good luminous flux maintenance throughout the life of the lamp Optimum energy efficiency on POWERTRONIC PTo 3DIM ECGs



Product datasheet

Technical data

Electrical data

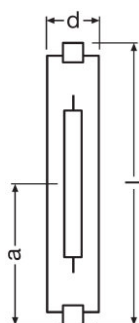
| | |
|------------------|-------------------------------|
| Nominal wattage | 70.00 W |
| Rated wattage | 70.00 W |
| Lamp current | 0.98 A |
| Nominal voltage | 85 V |
| Ignition voltage | 4.0 kVp;5.0 kVp ¹⁾ |
| Nominal current | 0.98 A |

¹⁾ Minimum;Maximum

Photometrical data

| | |
|--|---------|
| Rated lamp efficacy (standard condition) | 94 lm/W |
| Rated luminous flux | 6600 lm |
| Color rendering index Ra | ≤25 |
| Color temperature | 2000 K |
| Rated LLMF at 2,000 h | 0.94 |
| Rated LLMF at 4,000 h | 0.90 |
| Rated LLMF at 6,000 h | 0.88 |
| Rated LLMF at 8,000 h | 0.86 |
| Rated LLMF at 12,000 h | 0.83 |
| Rated LLMF at 16,000 h | 0.81 |
| Rated LLMF at 20,000 h | 0.80 |
| Nominal luminous flux | 6600 lm |
| Rated color temperature | 2000 K |
| Luminous flux | 6600 lm |

Dimensions & weight



| | |
|----------|---------|
| Diameter | 20.0 mm |
|----------|---------|

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|---------------------------|----------|
| Length | 120.0 mm |
| Light center length (LCL) | 60.0 mm |
| Product weight | 18.00 g |
| Outer bulb | T20 |
| Overall length | 120.0 mm |

Temperatures & operating conditions

| | |
|--|--------|
| Maximum permitted outer bulb temperature | 650 °C |
| Maximum permitted pinch temperature | 250 °C |

Lifespan

| | |
|--|---------|
| Rated lamp survival factor at 2,000 h | 0.99 |
| Rated lamp survival factor at 4,000 h | 0.98 |
| Rated lamp survival factor at 6,000 h | 0.98 |
| Rated lamp survival factor at 8,000 h | 0.97 |
| Rated lamp survival factor at 12,000 h | 0.96 |
| Rated lamp survival factor at 16,000 h | 0.95 |
| Rated lamp survival factor at 20,000 h | 0.90 |
| Lifespan B50 | 28000 h |
| Lifespan B10 | 20000 h |
| Lifespan B5 | 16000 h |
| Operation mode LLMF/LSF | 50 Hz |

Additional product data

| | |
|-----------------------------------|-----------------------|
| Base (standard designation) | RX7s |
| Design / version | clear |
| Mercury content | 17.6 mg ¹⁾ |
| Appropriate disposal acc. to WEEE | Yes |
| Mercury-free | No |

¹⁾ Maximum

Capabilities

| | |
|-----------------------------|-------------------|
| Dimmable | Yes ¹⁾ |
| Burning position | p45 |
| Enclosed luminaire required | No |
| Hot restart | Yes |

¹⁾ In combination with POWERTRONIC PTo

Certificates & standards

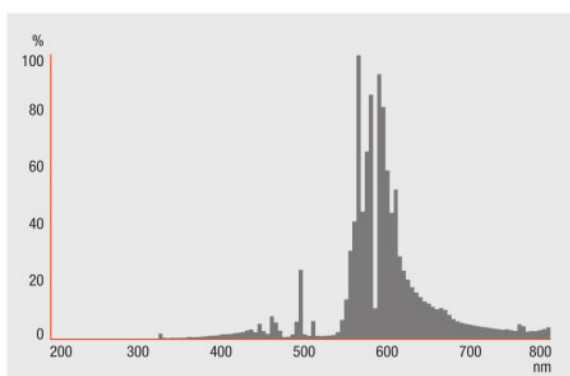
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| | |
|-------------------------|--------------|
| Energy efficiency class | A+ |
| Energy consumption | 77 kWh/1000h |

Country specific categorizations

| | |
|-----------------|----------------------------|
| ILCOS | SD-70-H/E/SL-RX7s-20/120/H |
| Order reference | NAV-TS 70W SUPE |

Light Distribution



NAV_SUPER_4Y_SUPER_6Y

Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|----------------------|---|--------------------------------------|----------------------|--------------|
| 4050300024301 | NAV-TS 70 W SUPER 4Y | Shipping carton box 12 Pieces Folding carton box | 180 mm x 140 mm x 158 mm | 3.98 dm ³ | 559.60 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.

Disclaimer

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

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

| Product name | Product name ECG | EAN |
|----------------------|---------------------|---------------|
| NAV-TS 70 W SUPER 4Y | PTo 70/220-240 3DIM | 4008321959355 |