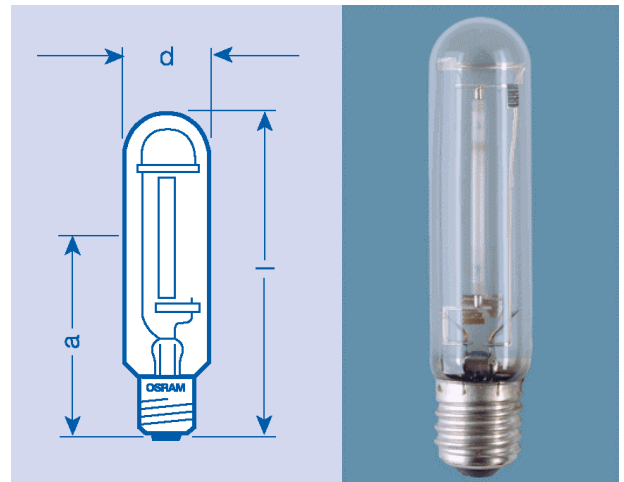


VIALOX® NAV® SUPER 4Y®

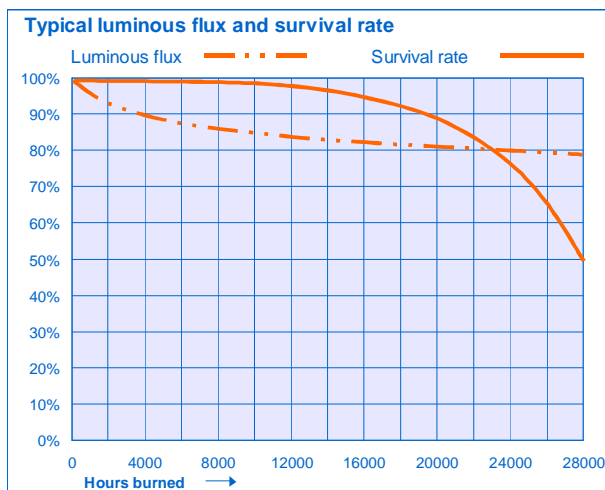
NAV-T 100 W SUPER 4Y Tubular, clear

| | |
|--|------------------------|
| Lamp wattage | 100 W |
| System wattage (with CCG) | 115 W |
| Lamp voltage | 100 V |
| Ignition voltage min./max. | 4/5 kV _s |
| Lamp current | 1.2 A |
| Mains current comp. at $\cos\phi \geq 0,9$ | 0.7 A |
| Nominal luminous flux | 10,000 lm |
| Luminous efficacy | 100 lm/W |
| Average luminance | 470 cd/cm ² |
| Colour rendering index | 4/≤25 |
| Light colour/Colour appearance | warmwhite |
| Colour temperature | 2,000 K |
| Lead tip spacing | 41 mm |
| Light centre a | 132 mm |
| Diameter d | 46 mm |
| Length max. l | 211 mm |
| Base | E40 |
| Burning position | universal |
| Max. perm. outer bulb temp. | 310 °C |
| Max. perm. base edge temp. | 210 °C |
| Comp. cap. at 50 Hz $\cos\phi \geq 0,9$ | 12 µF |
| Average lamp life | 28,000 h |
| Failure rate at 16.000 h | 5 % |
| Ordering abbreviation | NAV-T 100 SUPER 4Y |
| EAN 4050300 | 015743 |
| Standard pack | 12 pieces |



Product features:

- High pressure sodium lamp 100 Watt
- Increased luminous flux compared to standard high pressure sodium lamps
- Tubular, clear
- Centrally-located, durable ceramic arc tube with integrated strike bar and sodium-amalgam filling
- For ignitors from 4 to 5 kV
- Maximum lamp diameter 46 mm, maximum length 211 mm
- E40 base, nickel-plated brass for corrosion resistance
- Nominal luminous flux 10,000 lm
- Luminous efficacy 100 lm/W
- Light depreciation less than 20% after 16,000 hours of operation
- Early failure rate less than 5% after 16,000 hours of operation
- Average lifetime 28,000 hours of operation



| | Survival rate | Luminous flux |
|-----------------|---------------|---------------|
| 4,000 h | 100% | 90% |
| 8,000 h | 99% | 86% |
| 10,000 h | 98% | 85% |
| 12,000 h | 97% | 84% |
| 14,000 h | 96% | 83% |
| 16,000 h | 95% | 82% |
| 20,000 h | 89% | 80% |
| 28,000 h | 50% | 79% |

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