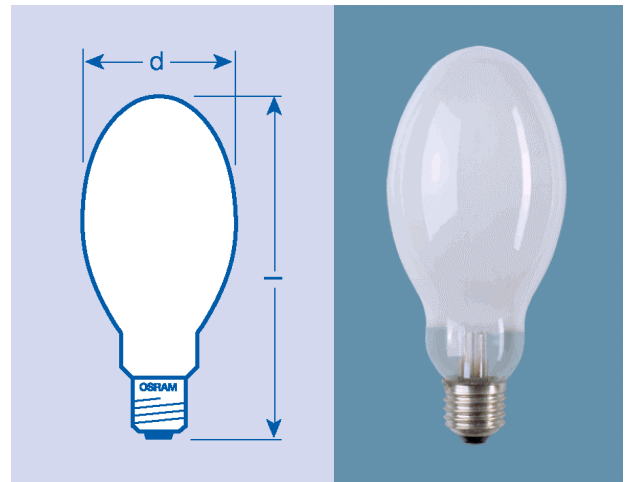


VIALOX® NAV® SUPER 4Y®

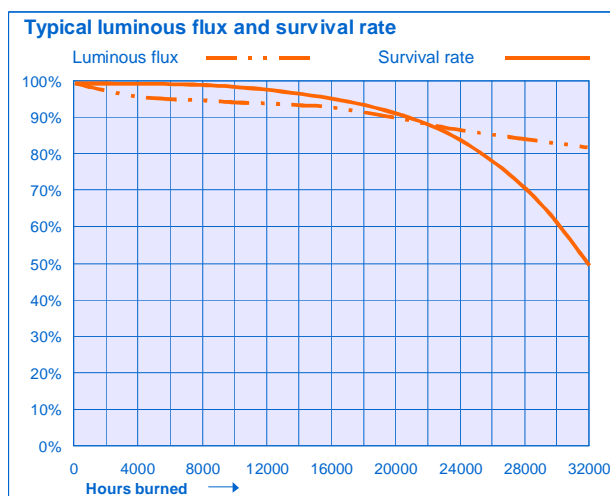
NAV-E 250 W SUPER 4Y Elliptical, coated

| | |
|--|-----------------------|
| Lamp wattage | 250 W |
| System wattage (with CCG) | 285 W |
| Lamp voltage | 100 V |
| Ignition voltage min./max. | 4/5 kV _S |
| Lamp current | 3.0 A |
| Mains current comp. at $\cos\phi \geq 0,9$ | 1.5 A |
| Nominal luminous flux | 31,000 lm |
| Luminous efficacy | 124 lm/W |
| Average luminance | 30 cd/cm ² |
| Colour rendering index | 4/≤25 |
| Light colour/Colour appearance | warmwhite |
| Colour temperature | 2,000 K |
| Diameter d | 90 mm |
| Length max. l | 226 mm |
| Base | E40 |
| Burning position | universal |
| Max. perm. outer bulb temp. | 400 °C |
| Max. perm. base edge temp. | 250 °C |
| Comp. cap. at 50 Hz $\cos\phi \geq 0,9$ | 32 µF |
| Average lamp life | 32,000 h |
| Failure rate at 16.000 h | 5 % |
| Ordering abbreviation | NAV-E 250 SUPER 4Y |
| EAN 4050300 | 024387 |
| Standard pack | 12 pieces |



Product features:

- High pressure sodium lamp 250 Watt
- Increased luminous flux compared to standard high pressure sodium lamps
- Elliptical, electrostatic white coating inside
- Centrally-located, durable ceramic arc tube with integrated strike bar and sodium amalgam filling
- For ignitors from 4 to 5 kV
- Maximum lamp diameter 90 mm, maximum length 226 mm
- E40 base, nickel-plated brass for corrosion resistance
- Nominal luminous flux 31,000 lm
- Luminous efficacy 124 lm/W
- Light depreciation less than 10% after 16,000 hours of operation
- Early failure rate less than 5% after 16,000 hours of operation
- Average lifetime 32,000 hours of operation



| | Survival rate | Luminous flux |
|-----------------|---------------|---------------|
| 4,000 h | 100% | 97% |
| 8,000 h | 99% | 95% |
| 10,000 h | 98% | 94% |
| 12,000 h | 97% | 94% |
| 14,000 h | 96% | 93% |
| 16,000 h | 95% | 92% |
| 20,000 h | 90% | 90% |
| 32,000 h | 50% | 82% |

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