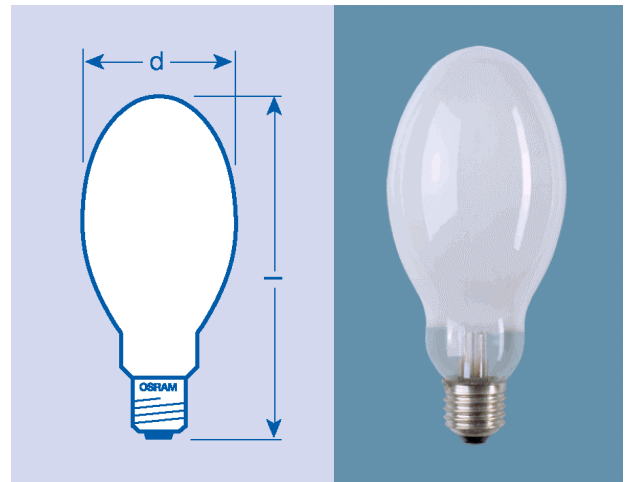


# VIALOX® NAV® SUPER 4Y®

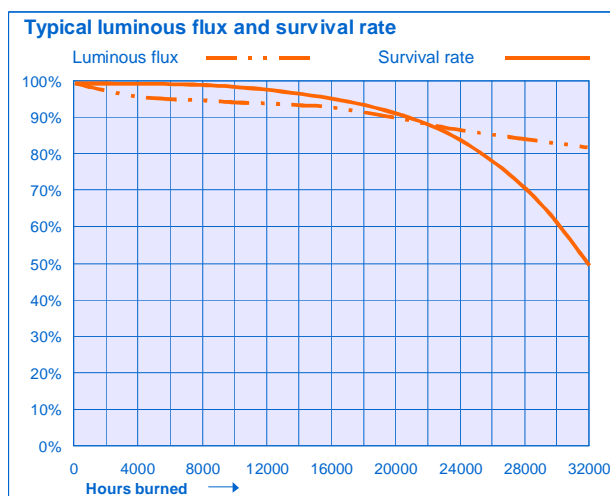
## NAV-E 250 W SUPER 4Y Elliptical, coated

Lamp wattage	250 W
System wattage (with CCG)	285 W
Lamp voltage	100 V
Ignition voltage min./max.	4/5 kV <sub>S</sub>
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 <sup>2</sup>
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
<b>4,000 h</b>	100%	97%
<b>8,000 h</b>	99%	95%
<b>10,000 h</b>	98%	94%
<b>12,000 h</b>	97%	94%
<b>14,000 h</b>	96%	93%
<b>16,000 h</b>	95%	92%
<b>20,000 h</b>	90%	90%
<b>32,000 h</b>	50%	82%