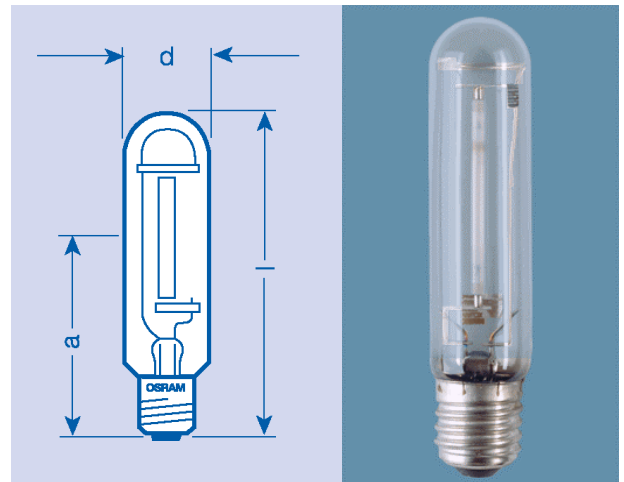


VIALOX® NAV® SUPER 4Y®

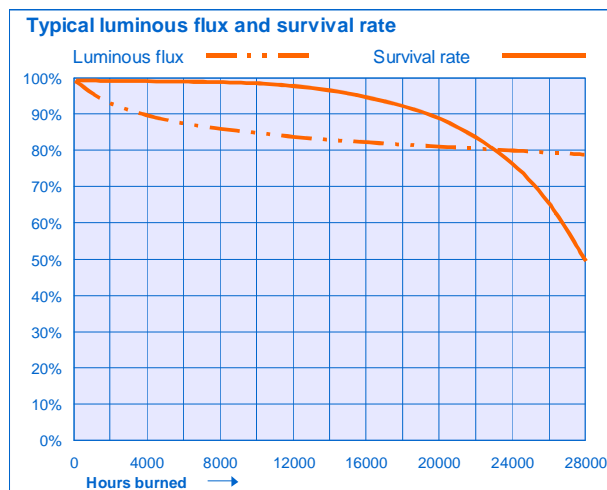
NAV-T 100 W SUPER 4Y Tubular, clear

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%