NAV-T 400 W E40

VIALOX NAV-T | High-pressure sodium vapor lamps



- Industrial installations
- Streets
- Tunnels, underpasses
- Car parks, courtyards
- Parks and gardens
- Buildings, monuments, bridges

Ташев-Галвинг ООД
www.tashev-galving.com

Product features

- Lamp survival factor: ≥ 95 % after 12,000 hours burning time (for 70 W ≤ P ≤ 400 W)

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Technical data

Electrical data

Nominal wattage	400 W
PFC capacitor at 50 Hz	45 µF [1)]
Rated wattage	401.7 W
Lamp current	4.4 A

[1)] At rated voltage and cos φ ≥ 0.9

Light technical data

Nominal luminous flux	46600 lm
Color rendering group	4
Rated luminous flux	50500 lm
Color temperature	2000 K
Color rendering index Ra	23
Luminance	440 cd/cm²
Rated LLMF at 2,000 h	0.93
Rated LLMF at 4,000 h	0.91
Rated LLMF at 6,000 h	0.89
Rated LLMF at 8,000 h	0.84
Rated LLMF at 12,000 h	0.80
Rated LLMF at 16,000 h	0.81
Rated LLMF at 20,000 h	0.86

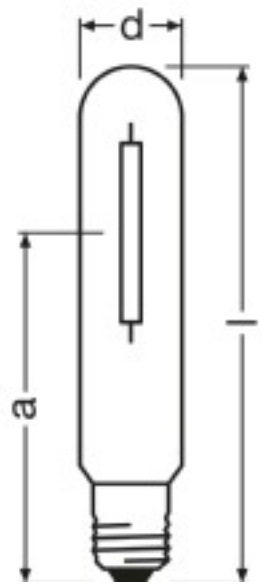
Dimensions & weight

Diameter	47.0 mm
Length	285.0 mm
Light center length (LCL)	175.0 mm

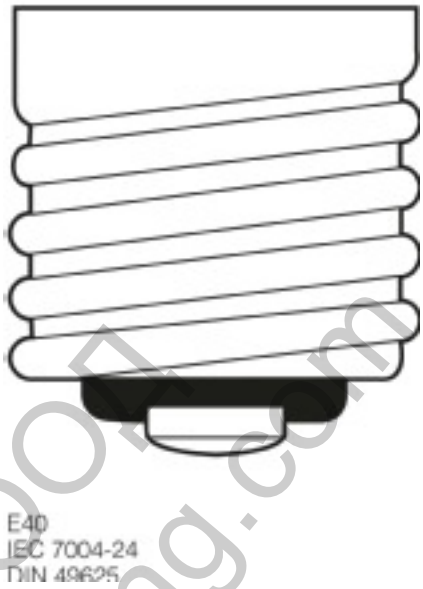
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Product line drawing with letters



Base

Colors & materials

Lamp mercury content	20.4 mg
Mercury-free	No

Temperatures

Maximum permitted outer bulb temperature	400 °C
Maximum permitted base edge temperature	250 °C

Lifespan

Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.99
Rated lamp survival factor at 6,000 h	0.97
Rated lamp survival factor at 8,000 h	0.96
Rated lamp survival factor at 12,000 h	0.92
Rated lamp survival factor at 16,000 h	0.87

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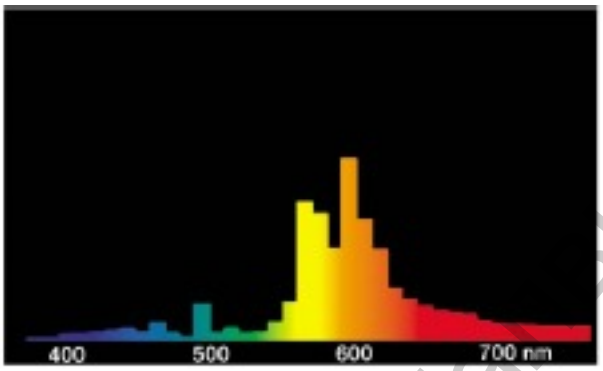
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Lifespan

Rated lamp survival factor at 20,000 h	0.72
Operation mode LLMF/LSF	50 Hz

Additional product data

Base (standard designation)	E40
Design / version	Clear



VIALOX®
NAV® 4Y®
NAV®
NAV® SUPER

Spectral power distribution

Capabilities

Burning position	Any

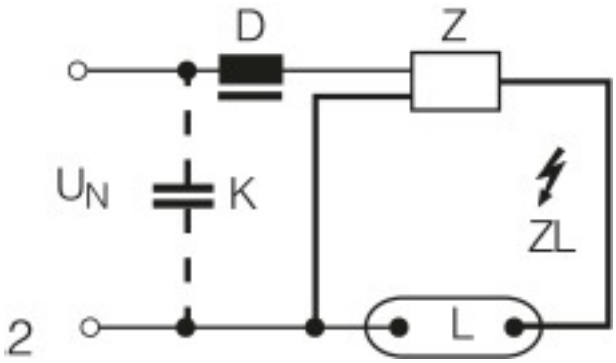
Country specific categorizations

ILCOS	ST-400/20/4-H-E40-47/285

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Circuit diagram

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Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4008321044334	Sleeves 1	- x - x -		
4008321044341	Shipping carton box 12	- x - x -		
4050300015682	Sleeves 1	52 mm x 52 mm x 325 mm	223.00 g	0.88 dm^3
4050300212425	Shipping carton box 12	222 mm x 350 mm x 272 mm	3067.00 g	21.13 dm^3

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