



product details

**NAV-T 50 SUPER 4Y**

Product description: NAV-T 50 SUPER 4Y  
 Product code: 4050300250076  
 Quantity: Shipping carton box (VS) contains  
 12 Piece (PCE)

You can find this product in the eCatalog:

[http://catalog.myosram.com?~language=EN&~country=DE&it\\_p=4050300250076](http://catalog.myosram.com?~language=EN&~country=DE&it_p=4050300250076)

Applications	
Burning position	any

Categorizations	
SEG number	8331622
ILCOS	ST-50/20/4-H-E27-38/156

General Description	
Recycling	Yes
Mercury-free	No
Rated lamp mercury content	21.2 mg
Base (standard designation)	E27
Design / version	Clear

Technical - Electrical Data	
Rated lamp efficacy (standard condition)	80 lm/W
PFC capacitor at 50 Hz	10 $\mu$ F <sup>1)</sup>
Construction wattage	50.84 W
Construction current	0.8 A
Nominal wattage (packaging)	50 W

Technical - Geometries	
Diameter	38 mm
Length	156.00 mm
Light center length (LCL)	104 mm

Technical - 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	0.99
Rated lamp survival factor at 8,000 h	0.99
Rated lamp survival factor at 12,000 h	0.96
Rated lamp survival factor at 16,000 h	0.94
Operation mode LLMF/LSF	50 Hz
Lifespan	28000 h <sup>2)</sup>

Technical - Light Technical Data	
Rated color rendering index Ra	8
Rated luminous flux	4100 lm
Nominal luminous flux	4400 lm
Luminous flux	4400 lm
Rated color temperature	1900 K
Color rendering index Ra	$\leq$ 25



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Subject to change without notice. Errors and omission excepted.

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Technical - Light Technical Data	
Rated LLMF at 2,000 h	0.97
Rated LLMF at 4,000 h	0.90
Rated LLMF at 6,000 h	0.91
Rated LLMF at 8,000 h	0.90
Rated LLMF at 12,000 h	0.85
Rated LLMF at 16,000 h	0.76
Color temperature	2000 K
Color rendering group	4
Luminance	250 cd/cm <sup>2</sup>
Luminous efficiency	88 lm/W

Technical - Temperatures	
Maximum permitted outer bulb temperature	310 °C
Maximum permitted base edge temperature	210 °C

Packaging units				
Product code	Packaging type and content	Dimensions in h x w x l	Gross weight	Volume
4050300024325	Sleeves contains 1 Piece	41,000 mm x 41,000 mm x 196,000 mm	69,000 g (0,000 g)	0,329 Cubic dec.
4050300250076	Shipping carton box contains 12 Piece	188,000 mm x 220,000 mm x 225,000 mm	1.041,500 g (0,000 g)	9,071 Cubic dec.

#### High-pressure sodium lamps VIALOX NAV-T SUPER 4Y

Clear tubular NAV lamps enable light to be directed with great precision. For new street light installations, this means that the mast spacing can be greater. This applies in particular to NAV-T SUPER 4Y lamps with their extremely high luminous efficacy. Potential savings are considerable.

VIALOX NAV-T SUPER 4Y lamps are among the brightest and most economical high-pressure sodium lamps. 4Y stands for 4 Years. With VIALOX NAV SUPER 4Y lamps, the relamping interval for groups of sodium lamps can be extended to four years.

#### Benefits

Compared with standard high-pressure sodium lamps:

- Up to 25 % longer life
- Greater reliability
- Up to 20 % higher luminous efficacy
- Greater mast spacing
- Better lumen maintenance

#### Applications

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

1) at rated voltage and  $\cos \varphi \geq 0.9$

2) Average lifespan