



product details

NAV-T 100 SUPER 4Y



Product description: NAV-T 100 SUPER 4Y
 Product code: 4050300631806
 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=4050300631806

Applications	
Burning position	any

Categorizations	
SEG number	8331626
ILCOS	ST-100/20/4-H-E40-47/210

General Description	
Recycling	Yes
Mercury-free	No
Rated lamp mercury content	24.0 mg
Base (standard designation)	E40
Design / version	Clear

Technical - Electrical Data	
Rated lamp efficacy (standard condition)	98 lm/W
PFC capacitor at 50 Hz	12 μ F ¹⁾
Construction wattage	97.27 W
Construction current	1.2 A
Nominal wattage (packaging)	100 W

Technical - Geometries	
Diameter	47 mm
Length	210.00 mm
Light center length (LCL)	132 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	0.97
Rated lamp survival factor at 16,000 h	0.94
Rated lamp survival factor at 20,000 h	0.92
Operation mode LLMF/LSF	50 Hz
Lifespan	28000 h ²⁾

Technical - Light Technical Data	
Rated color rendering index Ra	20
Rated luminous flux	10000 lm
Nominal luminous flux	10700 lm
Luminous flux	10700 lm
Rated color temperature	2000 K



02.08.2011

Subject to change without notice. Errors and omission excepted.

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Technical - Light Technical Data	
Color rendering index Ra	≤ 25
Rated LLMF at 2,000 h	0.94
Rated LLMF at 4,000 h	0.90
Rated LLMF at 6,000 h	0.89
Rated LLMF at 8,000 h	0.88
Rated LLMF at 12,000 h	0.88
Rated LLMF at 16,000 h	0.85
Rated LLMF at 20,000 h	0.85
Color temperature	2000 K
Color rendering group	4
Luminance	470 cd/cm ²
Luminous efficiency	107 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
4050300015743	Sleeves contains 1 Piece	52,000 mm x 52,000 mm x 260,000 mm	164,833 g (0,000 g)	0,703 Cubic dec.
4050300631806	Shipping carton box contains 12 Piece	220,000 mm x 270,000 mm x 247,000 mm	2.262,000 g (0,000 g)	15,915 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