



product details

NAV-E 400 SUPER 4Y

Product description: NAV-E 400 SUPER 4Y
 Product code: 4050300631776
 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=4050300631776

Applications	
Burning position	any

Categorizations	
SEG number	8331610
ILCOS	SE-400/20/4-H-E40-122/290

General Description	
Recycling	Yes
Mercury-free	No
Rated lamp mercury content	20.4 mg
Base (standard designation)	E40
Design / version	Coated

Technical - Electrical Data	
Rated lamp efficacy (standard condition)	133 lm/W
PFC capacitor at 50 Hz	45 μ F ¹⁾
Construction wattage	400.08 W
Construction current	4.4 A
Nominal wattage (packaging)	400 W

Technical - Geometries	
Diameter	122 mm
Length	290.00 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	0.97
Rated lamp survival factor at 8,000 h	0.95
Rated lamp survival factor at 12,000 h	0.89
Rated lamp survival factor at 16,000 h	0.81
Rated lamp survival factor at 20,000 h	0.73
Operation mode LLMF/LSF	50 Hz
Lifespan	24000 h ²⁾

Technical - Light Technical Data	
Rated color rendering index Ra	25
Rated luminous flux	53200 lm
Nominal luminous flux	55500 lm
Luminous flux	55500 lm
Rated color temperature	2100 K
Color rendering index Ra	\leq 25



02.08.2011

Subject to change without notice. Errors and omission excepted.

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Technical - Light Technical Data	
Rated LLMF at 2,000 h	0.98
Rated LLMF at 4,000 h	0.98
Rated LLMF at 6,000 h	0.97
Rated LLMF at 8,000 h	0.96
Rated LLMF at 12,000 h	0.97
Rated LLMF at 16,000 h	0.96
Rated LLMF at 20,000 h	0.96
Color temperature	2000 K
Color rendering group	4
Luminance	30 cd/cm ²
Luminous efficiency	139 lm/W

Technical - Temperatures	
Maximum permitted outer bulb temperature	400 °C
Maximum permitted base edge temperature	250 °C

Packaging units				
Product code	Packaging type and content	Dimensions in h x w x l	Gross weight	Volume
4050300024394	Round wrap contains 1 Piece	125,000 mm x 125,000 mm x 295,000 mm	267,000 g (0,000 g)	4,609 Cubic dec.
4050300631776	Shipping carton box contains 12 Piece	416,000 mm x 317,000 mm x 541,000 mm	4,312,750 g (0,000 g)	71,343 Cubic dec.

High-pressure sodium lamps VIALOX NAV-E SUPER 4Y

VIALOX NAV SUPER 4Y lamps are among the brightest and most economical high-pressure sodium lamps. 4Y stands for 4 Years. With 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