



product details

NAV-T 100

Product description: NAV-T 100
 Product code: 4008321087294
 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=4008321087294

Applications	
Burning position	any

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

General Description	
Recycling	Yes
Mercury-free	No
Rated lamp mercury content	21.2 mg
Base (standard designation)	E40
Design / version	Clear

Technical - Electrical Data	
Rated lamp efficacy (standard condition)	97 lm/W
PFC capacitor at 50 Hz	12 µF ¹⁾
Construction wattage	90.74 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	0.99
Operation mode LLMF/LSF	50 Hz
Lifespan	18000 h ²⁾

Technical - Light Technical Data	
Rated color rendering index Ra	11
Rated luminous flux	8815 lm
Nominal luminous flux	9000 lm
Luminous flux	9000 lm
Rated color temperature	1900 K
Color rendering index Ra	≤ 25
Rated LLMF at 2,000 h	0.93
Rated LLMF at 4,000 h	0.89





Technical - Light Technical Data	
Rated LLMF at 6,000 h	0.87
Rated LLMF at 8,000 h	0.84
Rated LLMF at 12,000 h	0.82
Color temperature	2000 K
Color rendering group	4
Luminance	260 cd/cm ²
Luminous efficiency	90 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
4008321087287	Sleeves contains 1 Piece	52,000 mm x 52,000 mm x 260,000 mm	148,000 g (0,000 g)	0,703 Cubic dec.
4008321087294	Shipping carton box contains 12 Piece	221,000 mm x 279,000 mm x 277,000 mm	2.262,000 g (0,000 g)	15,915 Cubic dec.

High-pressure sodium lamps VIALOX NAV-T (Standard)

VIALOX NAV Standard sodium lamps are inexpensive, economical in operation and have long lives.

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