



product details

NAV-E 210

Product description: NAV-E 210
 Product code: 4050300219417
 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=4050300219417

Applications	
Burning position	any

Categorizations	
SEG number	8331714
ILCOS	SEQ-210/20/4-H-E40-91/226

General Description	
Recycling	Yes
Mercury-free	No
Rated lamp mercury content	19.9 mg
Base (standard designation)	E40
Design / version	Coated

Technical - Electrical Data	
Rated lamp efficacy (standard condition)	87 lm/W
PFC capacitor at 50 Hz	18 μ F ¹⁾
Construction wattage	200.8 W
Construction current	2.3 A
Nominal wattage (packaging)	210 W

Technical - Geometries	
Diameter	91 mm
Length	226.00 mm

Technical - Lifespan	
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.97
Rated lamp survival factor at 6,000 h	0.95
Rated lamp survival factor at 8,000 h	0.93
Rated lamp survival factor at 12,000 h	0.88
Rated lamp survival factor at 16,000 h	0.84
Rated lamp survival factor at 20,000 h	0.80
Operation mode LLMF/LSF	50 Hz
Lifespan	14000 h ²⁾

Technical - Light Technical Data	
Rated color rendering index Ra	20
Rated luminous flux	18000 lm
Nominal luminous flux	18000 lm
Luminous flux	18000 lm
Rated color temperature	2000 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	0.91
Rated LLMF at 4,000 h	0.91
Rated LLMF at 6,000 h	0.92
Rated LLMF at 8,000 h	0.92
Rated LLMF at 12,000 h	0.91
Rated LLMF at 16,000 h	0.92
Rated LLMF at 20,000 h	0.92
Color temperature	2000 K
Color rendering group	4
Luminance	17 cd/cm ²
Luminous efficiency	86 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
4050300015576	Round wrap contains 1 Piece	95,000 mm x 95,000 mm x 235,000 mm	216,600 g (0,000 g)	2,121 Cubic dec.
4050300219417	Shipping carton box contains 12 Piece	334,000 mm x 255,000 mm x 427,000 mm	3.639,200 g (0,000 g)	36,368 Cubic dec.

High-pressure sodium lamps VIALOX NAV-E Plug-in

The lamps can be used in luminaires for mercury vapor lamps HQL 80W, 125W, 250W and 400W without any modifications to the existing components, provided the control gear is suitable for the higher operating current of the NAV Plug-in lamps. Check that the maximum permissible winding temperature as defined in VDE and IEC specifications are not exceeded. If in doubt, consult the manufacturer of the luminaire and/or control gear.

Applications

- Industrial installations
- Streets
- Car parks, courtyards
- Parks and gardens

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

2) Average lifespan