

NAV-E 100 W SUPER 4Y

Kod produktu: 56389



Dane techniczne:

- Construction wattage [PICOS] **100.00 W**
- Nominal voltage **100 V**
- Nominal wattage **100.00 W**
- Rated luminous flux **10400 lm**
- Diameter **76.0 mm**
- Length **183.0 mm**
- Base (standard designation) **E40**
- Dimmable **Yes**
- Energy efficiency class **A+**
- Lamp mercury content **19.0 mg**
- Energy consumption **110 kWh/1000h**
- ILCOS **SE-100-H/E/SL-E40-76/183**
- Product weight **80.00 g**
- Rated LLMF at 4,000 h **0.92**
- Rated LLMF at 6,000 h **0.90**
- Rated LLMF at 8,000 h **0.89**
- Rated lamp survival factor at 4,000 h **0.98**
- Rated lamp survival factor at 8,000 h **0.97**
- Rated LLMF at 12,000 h **0.88**
- Rated lamp survival factor at 12,000 h **0.96**
- Rated LLMF at 16,000 h **0.86**
- Rated LLMF at 20,000 h **0.85**
- Rated lamp survival factor at 16,000 h **0.95**
- Rated lamp survival factor at 20,000 h **0.90**
- Rated lamp efficacy (standard condition) **104 lm/W**
- Rated LLMF at 2,000 h **0.94**
- Lamp current **1.20000 A**
- Ignition voltage **3.3 / 5.0 kVp**
- Maximum permitted outer bulb temperature **310 °C**
- Lifespan B50 **28000 h**
- Maximum permitted base edge temperature **210 °C**
- Lifespan B10 **20000 h**
- Lifespan B5 **16000 h**
- Color temperature **2000 K**
- Color rendering index $R_a \leq 25$

- Rated lamp survival factor at 2,000 h **0.99**
- Rated lamp survival factor at 6,000 h **0.98**
- Operation mode LLMF/LSF **50 Hz**
- Design / version **Coated**
- Product remark **Important: Before replacing for NAV Standard lamps in existing installations, check that the igniters are suitable**
- System guarantee level **3 (2/5)**
- Burning position **Any**
- Enclosed luminaire required **No**

Product benefits

- Long life time
- Very high luminous efficacy
- Very good luminous flux maintenance throughout the life of the lamp
- Energy savings of up to 50 % when replacing inefficient mercury vapor lamps (HQL)
- Optimum energy efficiency on POWERTRONIC PTo 3DIM ECGs
- Dimmable on conventional control gears and electronic control gears

Areas of application

- Streets
- Outdoor lighting
- Industrial installations
- Suitable for use in open and enclosed luminaires
- Outdoor applications only in suitable luminaires

Product features

- Lamp survival factor: 95 % after 16,000 hours burning time
- Average lifetime: up to 32,000 hours
- Lamp maintenance factor: ≥ 80 % after 16,000 h burning time (according to DIN 13201)
- ErP compliant according to EU Directive 245/2009
- Service lifetime: 4 years (at approx. 11 h/day)



