

# HCI-ET 70 W/830 SUPER 4Y

Kod produktu: 56846



## Dane techniczne:

- Nominal voltage **98 V**
- Nominal wattage **70.00 W**
- Rated lamp efficacy (standard condition) **107 lm/W**
- Lamp current **0.95000 A**
- PFC capacitor at 50 Hz **12  $\mu$ F**
- Ignition voltage **1.8 / 5.0 kVp**
- Rated wattage **74.00 W**
- Color temperature **3000 K**
- Rated luminous flux **7900 lm**
- Color rendering index  $R_a \geq 80$
- Light color **830**
- 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 **0.85**
- Rated LLMF at 16,000 h **0.83**
- Rated LLMF at 20,000 h **0.75**
- Rated LLMF at 2,000 h **0.92**
- UV protection **Yes**
- Diameter **71.0 mm**
- Length **156.0 mm**
- Product weight **66.00 g**
- 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 **0.98**
- Operation mode LLMF/LSF **50 Hz**
- Rated lamp survival factor at 8,000 h **0.97**
- Rated lamp survival factor at 12,000 h **0.97**
- Rated lamp survival factor at 16,000 h **0.95**
- Rated lamp survival factor at 20,000 h **0.78**
- Lifespan B50 **24000 h**
- Base (standard designation) **E27**
- New article **NEW**
- Lamp mercury content **6.7 mg**
- Design / version **Coated**

- System guarantee level **3 (2/5)**
- Dimmable **Yes**
- Burning position **Any**
- Enclosed luminaire required **Yes**
- Energy efficiency class **A+**
- Energy consumption **82 kWh/1000h**
- ILCOS **ME/UB-70/830-H/E/SL-E27-71/156**
- Maximum permitted outer bulb temperature **350 °C**
- Maximum permitted base edge temperature **210 °C**

#### Product benefits

- Up to 15 % higher lumen maintenance factor compared to HCL-ET standard lamps
- Up to 30 % higher lum. efficacy for lamps ≤ 100 W (comp. to NAV-T Super 4Y/6Y)
- Good color rendering
- Operation in existing HPS installations as ignition voltage of IEC 60662 is met
- Energy savings of up to 70 % when replacing inefficient mercury vapor lamps (HQL)
- Dimmable on conventional control gears and electronic control gears
- Optimum energy efficiency on POWERTRONIC PTo 3DIM ECGs
- UV values significantly below the maximum permitted thresholds to IEC 61167 thanks to UV filter

#### Areas of application

- Streets
- Outdoor lighting
- Industrial installations
- Exhibition halls and trade fairs
- Approved only for use in enclosed luminaires
- Outdoor applications only in suitable luminaires

#### Product features

- White light due to POWERBALL ceramic technology
- Light color: warm white (830 WDL)
- Extended service lifetime: 4 years (at approx. 11 h/day)
- Very high luminous efficacy: up to 110 lm/W
- Lamp survival factor: 95 % after 16,000 hours burning time
- Average lifetime: up to 24,000 hours
- ErP compliant according to EU Directive 245/2009

#### Safety advice

Where possible, use a timer igniter (switch-off time of at least 15 minutes). Otherwise, switch off the luminaire for at least 15 minutes if a brief interruption has occurred to the mains voltage supply.

#### System guarantee

For the vast majority of our lamps we are offering an extended system guarantee in conjunction with OSRAM POWERTRONIC control gear.

