

HCI-TT 100 W/830 SUPER 4Y

Kod produktu: 56324



Dane techniczne:

- Construction wattage [PICOS] **100.00 W**
- Nominal voltage **100 V**
- Nominal wattage **100.00 W**
- Rated luminous flux **12000 lm**
- Diameter **47.0 mm**
- Length **210.0 mm**
- Base (standard designation) **E40**
- Dimmable **Yes**
- Lamp mercury content **13.2 mg**
- Energy consumption **110 kWh/1000h**
- ILCOS **MT/UB-100/830-H/E/SL-E40-47/210**
- Product weight **135.00 g**
- Light center length (LCL) **132.0 mm**
- 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 LLMF at 12,000 h **0.85**
- Rated LLMF at 16,000 h **0.84**
- Rated lamp efficacy (standard condition) **120 lm/W**
- Rated LLMF at 2,000 h **0.94**
- Lamp current **1.20000 A**
- PFC capacitor at 50 Hz **12 µF**
- Ignition voltage **3.3 / 5.0 kVp**
- Maximum permitted outer bulb temperature **450 °C**
- Maximum permitted base edge temperature **210 °C**
- Color temperature **3000 K**
- Color rendering index Ra **≥80**
- Light color **830**
- Rated LLMF at 20,000 h **0.75**
- UV protection **Yes**
- 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**
- Lifespan B10 **18000 h**
- Lifespan B5 **16000 h**
- New article **NEW**
- Design / version **Clear**
- System guarantee level **3 (2/5)**
- Burning position **Any**
- Enclosed luminaire required **Yes**
- Energy efficiency class **A+**

Product benefits

- Up to 15 % higher lumen maintenance factor compared to HCI-TT 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 125 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.

