

HCI-TT 150 W/942 NDL PB

Kod produktu: 56327



Dane techniczne:

- Construction wattage [PICOS] **146.00 W**
- Nominal voltage **100 V**
- Nominal wattage **150.00 W**
- Color temperature **4090 K**
- Rated luminous flux **15600 lm**
- Length **210.0 mm**
- Dimmable **Yes**
- Color rendering index $R_a \geq 90$
- Lamp mercury content **18.7 mg**
- Energy consumption **161 kWh/1000h**
- ILCOS **MT/UB-150/942-H/E/SL-E40-47/210**
- Product weight **130.00 g**
- Light center length (LCL) **132.0 mm**
- Light color **942**
- Rated LLMF at 4,000 h **0.83**
- Rated LLMF at 6,000 h **0.78**
- Rated LLMF at 8,000 h **0.70**
- Rated LLMF at 12,000 h **0.60**
- Rated lamp survival factor at 12,000 h **0.95**
- Rated LLMF at 16,000 h **0.55**
- Rated LLMF at 20,000 h **0.50**
- Rated lamp survival factor at 16,000 h **0.80**
- Rated lamp survival factor at 20,000 h **0.40**
- Rated lamp efficacy (standard condition) **107 lm/W**
- Rated LLMF at 2,000 h **0.91**
- Lamp current **1.80000 A**
- PFC capacitor at 50 Hz **20 μ F**
- Maximum permitted outer bulb temperature **450 °C**
- Lifespan B50 **18000 h**
- Maximum permitted base edge temperature **210 °C**
- Lifespan B10 **14000 h**
- Lifespan B5 **12000 h**
- Ignition voltage **3.3 / 5.0 kVp**
- UV protection **Yes**
- Diameter **47.0 mm**

- 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**
- Base (standard designation) **E40**
- Design / version **Clear**
- System guarantee level **3 (2/5)**
- Burning position **Any**
- Enclosed luminaire required **Yes**
- Energy efficiency class **A+**

Product benefits

- Very long lifetime
- High luminous efficacy
- 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 colors: warm white (830 WDL), neutral white (942 NDL)
- Lamp survival factor: 95 % after 16,000 hours burning time (WDL lamps)
- Average lifetime: up to 24,000 hours

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

