

HCI-T 70 W/930 PESHOP G12

POWERBALL HCI-T Shoplight | Metal halide lamps with ceramic technology for enclosed luminaires



- Presentation of fashion and food
- Shop interiors, shop windows
- Foyers, reception areas
- Museums, exhibitions
- Accent lighting

Product benefits

- Excellent color rendering
- Excellent rendering of red tones
- Very good color stability
- High efficiency
- UV values significantly below the maximum permitted thresholds to IEC 61167 thanks to UV filter

Product features

- POWERBALL ceramic technology
- UV filter technology
- Light color: warm white (930 WDL)
- Shoplight
- Average life: 15,000 hours (on electronic control gear)
- Average life: 12,000 hours (on magnetic control gear)
- Color rendering index $R_a \geq 90$



Technical data

Electrical data

| | |
|------------------------|--------------------------|
| Nominal voltage | 230 V |
| Nominal wattage | 70 W |
| Lamp current | 1 A |
| Rated wattage | 73 W |
| PFC capacitor at 50 Hz | 12 μ F ¹⁾ |

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

Light technical data

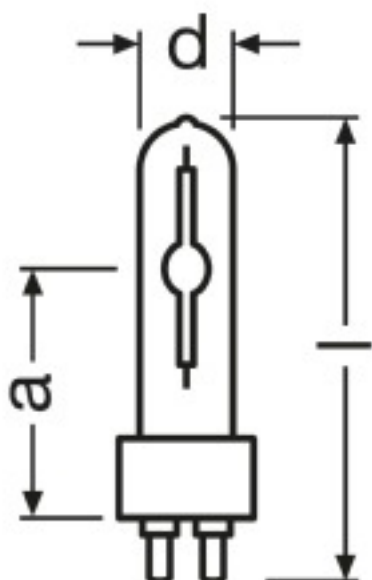
| | |
|--------------------------|-----------------------|
| Luminous flux | 6800 lm ¹⁾ |
| Color rendering index Ra | 94 |
| Color rendering group | 1A |
| Color temperature | 3000 K |
| Luminous efficacy | 93 lm/W ²⁾ |
| Light color | 930 |

¹⁾ In operation on low frequency square wave electronic ballast, 70-400 Hz. Operation on electromagnetic ballast may be less efficient.

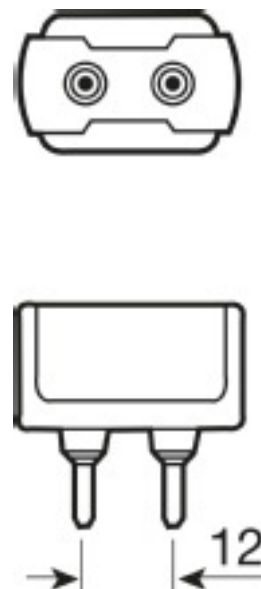
²⁾ In operation on low frequency square wave electronic ballast, 70-400 Hz. Operation on electromagnetic ballast may be less efficient.

Dimensions & weight

| | |
|---------------------------|----------|
| Diameter | 19.0 mm |
| Length | 100.0 mm |
| Light center length (LCL) | 56.0 mm |



Product line drawing with letters



Base

Colors & materials

| | |
|----------------------|--------|
| Lamp mercury content | 8.0 mg |
| Mercury-free | No |

Temperatures

| | |
|-------------------------------------|--------|
| Maximum permitted pinch temperature | 350 °C |
|-------------------------------------|--------|

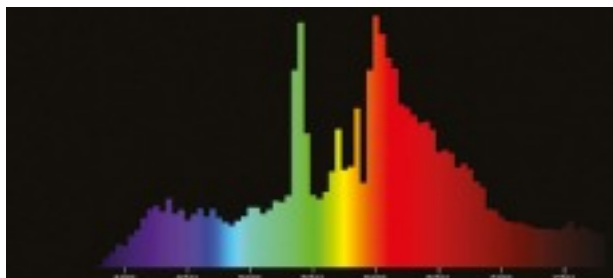
Lifespan

| | |
|--------------|-------------------------------|
| Lifespan B50 | 15000 / 12000 h ¹⁾ |
|--------------|-------------------------------|

¹⁾ At ECG / At CCG

Additional product data

| | |
|-----------------------------|-------|
| Base (standard designation) | G12 |
| Design / version | Clear |



Spectral power distribution

Capabilities

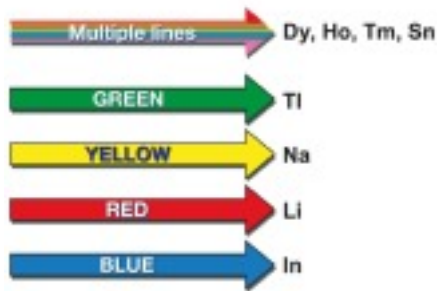
| | |
|-------------------------|-----|
| Burning position | Any |
|-------------------------|-----|

Country specific categorizations

| | |
|--------------|-----------------------------|
| ILCOS | MT/UB-70/30/1A-H-G12-19/100 |
|--------------|-----------------------------|

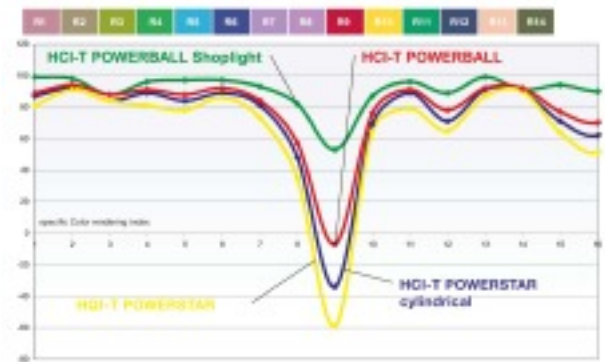
System guarantee

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



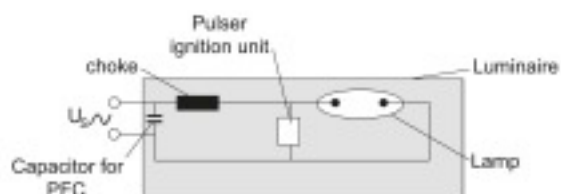
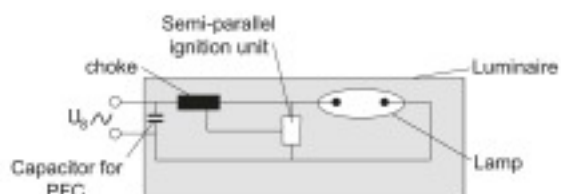
Variation possibilities of the Colour Temperature

| | | T_n | CRI |
|-----------------------|-----|------------|-------|
| Daylight | D | > 5300 K | ≥90 |
| Neutral White | N | ca. 4000 K | 60-69 |
| Neutral White de luxe | NDL | 4200 K | ≥80 |
| Warm White de luxe | WDL | 3000 K | ≥80 |



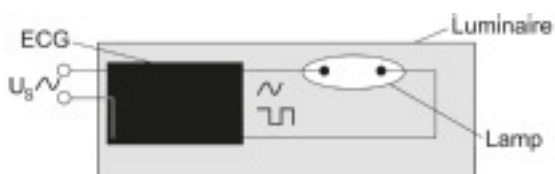
Others graphics

Others graphics



Circuit diagram

Circuit diagram



Circuit diagram

Logistical Data

| Product code | Packaging unit (Pieces/Unit) | Dimensions (height x width x length) | Gross weight | Volume |
|---------------------|---|---|---------------------|----------------------|
| 4008321678508 | Folding carton box 1 | 42 mm x 42 mm x 142 mm | 42.00 g | 0.25 dm ³ |
| 4008321678515 | Shipping carton box 12 | 138 mm x 163 mm x 180 mm | 586.00 g | 4.05 dm ³ |

References / Links

For more information on the system guarantee and the terms and conditions of the guarantee visit

▶ www.osram.com/system-guarantee

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.