

HCI-T 35 W/930 WDL PB Plus

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



Areas of application

- Shop interiors, shop windows
- Shopping arcades
- Foyers, reception areas
- Museums, exhibitions
- Accent lighting
- Approved only for use in enclosed luminaires
- Outdoor applications only in suitable luminaires

Product benefits

- Higher efficiency in comparison to HCI-T
- Better luminous flux maintenance in comparison to HCI-T
- Excellent color rendering
- Very good rendering of red tones
- Very good color stability
- UV values significantly below the maximum permitted thresholds to IEC 61167 thanks to UV filter

Product features

- POWERBALL ceramic technology
- Light color: warm white (930 WDL)
- Only for operation with ECG with 70...400 Hz square-wave current
- Average lifetime: 15,000 hours
- Lumen maintenance factor: approx. 80 % after 12,000 hours
- Color rendering index R_a : 90



Technical data

Electrical data

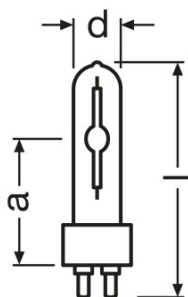
Nominal wattage	35.00 W
Lamp current	0.46000 A
Rated wattage	39.00 W
Ignition voltage	3.0 / 5.0 kVp ¹⁾

¹⁾ Minimum / Maximum

Photometrical data

Luminous flux	4000 lm
Color rendering index Ra	90
Color temperature	3000 K
Luminous efficacy	103 lm/W
Light color	930
Rated LLMF at 12,000 h	0.80
UV protection	Yes

Dimensions & weight



Diameter	20.0 mm
Length	103.0 mm
Light center length (LCL)	56.0 mm
Product weight	28.00 g

Temperatures

Maximum permitted pinch temperature	350 °C
Maximum permitted outer bulb temperature	500 °C

Lifespan

Rated lamp survival factor at 12,000 h	0.80
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Product datasheet

Lifespan B50	15000 h ¹⁾
Operation mode LLMF/LSF	ECG

¹⁾ At ECG

Additional product data

Base (standard designation)	G12
Footnote only for product	Only for operation with electronic control gear with 70...400 Hz square-wave current
System guarantee level	3 (2/5)
Lamp mercury content	4.7 mg

Capabilities

Dimmable	No
Burning position	Any
Enclosed luminaire required	Yes

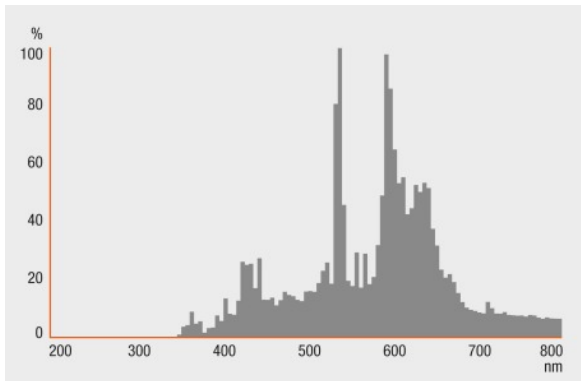
Certificates & standards

Energy efficiency class	A+
Energy consumption	43 kWh/1000h

Country specific categorizations

ILCOS	MT/UB-35/930-H/L-G12-20/90
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Light Distribution



Spectral power distribution

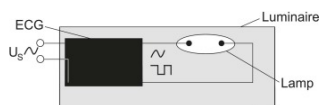
System guarantee

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



Guarantee

Product datasheet



Circuit diagram

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4008321974273	HCI-T 35 W/930 WDL PB Plus	Shipping carton box 12	141 mm x 161 mm x 180 mm	4.09 dm ³	586.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

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.