PRODUCT DATASHEET
HCI-T 35 W/930 WDL PB Shoplight

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

AREAS OF APPLICATION

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

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
- Light color: warm white (930 WDL)
- Average lifetime: 15,000 h (operation with ECG with 70…400 Hz square-wave current)
- Average lifetime: 12,000 h (with magnetic control gear)
- Color rendering index R_a: ≥ 93

© 2017, LEDVANCE GmbH. All rights reserved.

TECHNICAL DATA

Electrical data

Nominal wattage	35.00 W
Rated wattage	39.00 W
Lamp current	0.52 A
PFC capacitor at 50 Hz	6 µF [1)]
Ignition voltage	3.6 / 5.0 kVp [2)]

1) At rated voltage and cos φ ≥ 0.9

2) Minimum; for superimposed ignition with square wave electronic ballast 3.0 kVp are sufficient / Maximum; this limit is for safety reasons

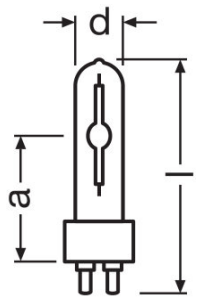
Photometrical data

Luminous flux	3100 lm [1)]
Luminous efficacy	79 lm/W [2)]
Color rendering index Ra	93
Color temperature	3000 K
Light color	929
Rated LLMF at 2,000 h	0.86
Rated LLMF at 4,000 h	0.84
Rated LLMF at 6,000 h	0.82
Rated LLMF at 8,000 h	0.80
Rated LLMF at 12,000 h	0.78
UV protection	Yes

1) In operation with electronic control gear with 70...400 Hz square-wave current.Operation with magnetic ballast can be less efficient

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

Dimensions & weight



Diameter	20.0 mm
Length	100.0 mm
Light center length (LCL)	56.0 mm
Product weight	27.00 g

© 2017, LEDVANCE GmbH. All rights reserved.

Temperatures & operating conditions

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

Lifespan

Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.98
Rated lamp survival factor at 6,000 h	0.97
Rated lamp survival factor at 8,000 h	0.96
Rated lamp survival factor at 12,000 h	0.80
Lifespan B50	15000 h [1)]
Operation mode LLMF/LSF	ECG

[1)] At ECG

Additional product data

Base (standard designation)	G12
System guarantee level	3 (2/5)
Mercury content	6.2 mg [1)]

[1)] Maximum

Capabilities

Dimmable	No
Burning position	Any
Enclosed luminaire required	Yes

Certificates & standards

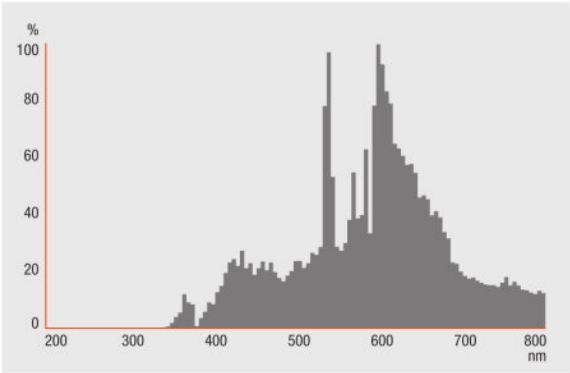
Energy efficiency class	A
Energy consumption	43 kWh/1000h

Country specific categorizations

ILCOS	MT/UB-35/930-H/SL-G12-20/9

© 2017, LEDVANCE GmbH. All rights reserved.

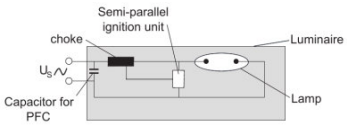
Light Distribution



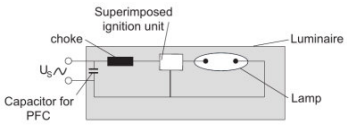
Spectral power distribution

SYSTEM GUARANTEE

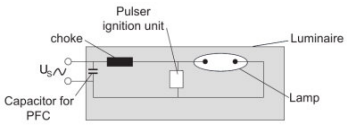
When operated with OSRAM POWERTRONIC control gear, an extended system guarantee is granted for these lamps



Circuit diagram

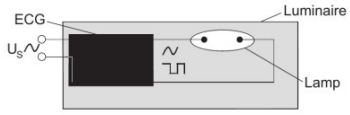


Circuit diagram



Circuit diagram

© 2017, LEDVANCE GmbH. All rights reserved.



Circuit diagram

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321681874	HCI-T 35 W/930 WDL PB Shoplight	Shipping carton box 12	180 mm x 161 mm x 139 mm	4.03 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.ledvance.com/system-guarantee

DISCLAIMER

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

© 2017, LEDVANCE GmbH. All rights reserved.