

## PRODUCT DATASHEET

### HCI-T 35 W/930 WDL PB Shoplight

Starters for single operation at 230 V AC ( ST 111, ST 171, ST 173) | Starters for single operation at 230 V AC



#### 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  $R_a$ :  $\geq 93$





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**TECHNICAL DATA****Electrical data**

Nominal wattage	35 W
Construction wattage	39.00 W
Nominal voltage	88 V
Ignition voltage	3.6/5.0 kVp <sup>1)</sup>
Operating mode	Conventional control gear (CCG) and ignitor, Electronic control gear (ECG)
Nominal current	0.52 A
PFC capacitor at 50 Hz	6 µF

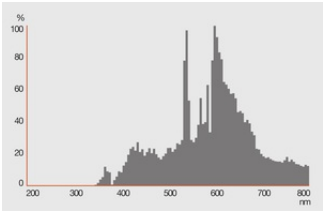
1) Minimum / for superimposed ignition with square wave electronic ballast 3.0 kVp are sufficient

**Photometrical data**

Luminous flux	3100 lm <sup>1)</sup>
Luminous efficacy	79 lm/W <sup>2)</sup>
Color temperature	2900 K
Color rendering index Ra	93
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
Rated LLMF at 16,000 h	0.72
Rated lamp efficacy (standard co.)	79 lm/W
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.



384069\_HCI\_930\_SHOPLIGHT

Dimensions & Weight

Overall length	100.00 mm
Light center length (LCL)	56,0 mm
Diameter	20,0 mm
Maximum diameter	20 mm
Product weight	27.00 g

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
Rated lamp survival factor at 16,000	0.50
Rated lamp survival factor at 20,000 h	0.19
Lifespan B50	15000 h <sup>1)</sup>
Operation mode LLMF/LSF	ECG

1) At ECG

Additional product data

Base (standard designation)	G12
Mercury content	6.2 mg <sup>1)</sup>
Mercury-free	No

Design / version	Clear
System guarantee level	3 (2/5)

1) Maximum

### Capabilities

Dimmable	No
Burning position	Any
Enclosed luminaire required	Yes
Hot restart	No

### Certificates & Standards

Energy efficiency class	A
Energy consumption	42.90 kWh/1000h


### Country-specific categorizations


ILCOS	MT/UB-35/930-H/SL-G12-20/9
Order reference	HCI-T 35W/930 W

### Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G12
Length	100.00 mm
Height	20,0 mm
Width	20,0 mm

### DOWNLOAD DATA

Documents and certificates	Document name
 User instruction / safety instructions	High-Intensity-Discharge lamps. Operation instructions

Photometric and lighting design files	Document name
 Spectral power distribution	384069_HCI_930_SHOPLIGHT

### References / Links

– For more information on the system guarantee and the terms and conditions of the guarantee visit [www.ledvance.com/system-guarantee](http://www.ledvance.com/system-guarantee)

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