

## HCI-T 35 W/830 WDL G12

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



- Shop interiors, shop windows
- Shopping arcades
- Foyers, reception areas
- Museums, exhibitions
- Exhibition halls and trade fairs
- Factories and workshops

### Product benefits

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- Very high efficiency
- Good to excellent color rendering
- Very good color stability
- UV values significantly below the maximum permitted thresholds to IEC 61167 thanks to UV filter

### Product features

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- POWERBALL ceramic technology
- UV filter technology
- Light colors: warm white (830 WDL), neutral white (942 ND)
- Average life: 15,000 hours (on electronic control gear)
- Average life: 12,000 hours (on magnetic control gear)



## Technical data

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### Electrical data

Nominal voltage	86 V
Nominal wattage	35 W
Lamp current	0.5 A
PFC capacitor at 50 Hz	6.0 $\mu\text{F}$ <sup>1)</sup>
Rated wattage	37 W

<sup>1)</sup> At rated voltage and  $\cos \varphi \geq 0.9$

### Light technical data

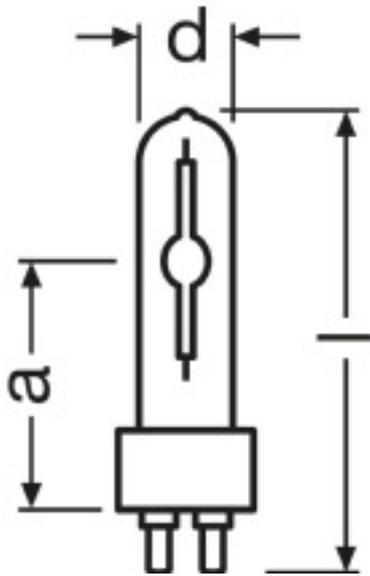
Luminous flux	3700 lm <sup>1)</sup>
Color rendering index Ra	83
Color rendering group	1B
Color temperature	3000 K
Luminous efficacy	95 lm/W <sup>2)</sup>
Light color	830

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

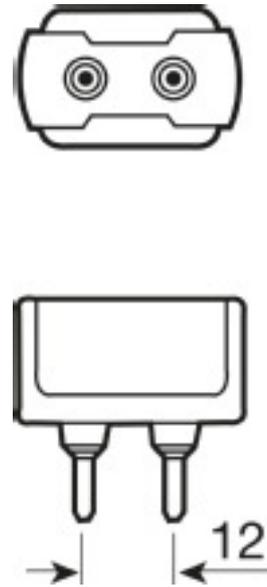
<sup>2)</sup> In operation on low frequency square wave electronic ballast, 70-400 Hz. Operation on electromagnetic ballast may be less efficient.

### 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

Mercury-free	No
Lamp mercury content	2.8 mg

### Temperatures

Maximum permitted pinch temperature	350 °C
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### Lifespan

Lifespan B50	15000 / 12000 h <sup>1)</sup>
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<sup>1)</sup> At ECG / At CCG

### Additional product data

Base (standard designation)	G12
Design / version	Clear

**Capabilities**

<b>Burning position</b>	Any
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## Lamp-ECG combination (System)

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### PT-FIT 35 B

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Nominal wattage + Power loss	0.00 (W)
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#### Products

PT-FIT 35 B

### PT-FIT 35 I

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Nominal wattage + Power loss	0.00 (W)
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#### Products

PT-FIT 35 I

### PT-FIT 35 S

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Nominal wattage + Power loss	0.00 (W)
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#### Products

PT-FIT 35 S

### PTi 2x35 I

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Nominal wattage + Power loss	0.00 (W)
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#### Products

PTi 2x35 I (new case)

### PTi 2x35 S

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Nominal wattage + Power loss	0.00 (W)
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#### Products

PTi 2x35 S (new case)

### PTi 35 B MINI

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Nominal wattage + Power loss	0.00 (W)
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**Products**

PTi 35 B MINI

**PTi 35 S MINI**

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Nominal wattage + Power loss	0.00 (W)
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**Products**

PTi 35 S MINI

**PTi 35 SNAP**

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Nominal wattage + Power loss	0.00 (W)
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**Products**

PTi 35 SNAP

**PTi 35/220-240 B**

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Nominal wattage + Power loss	0.00 (W)
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**Products**

PTi 35 B

**PTi 35/220-240 I**

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Nominal wattage + Power loss	0.00 (W)
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**Products**

PTi 35 I

**PTi 35/220-240 S**

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Nominal wattage + Power loss	0.00 (W)
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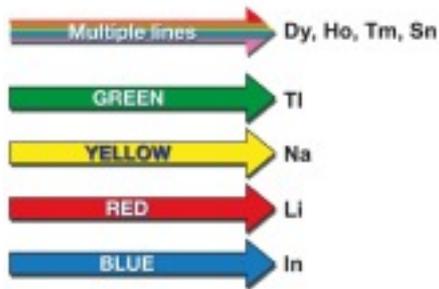
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**Products**

PTi 35 S

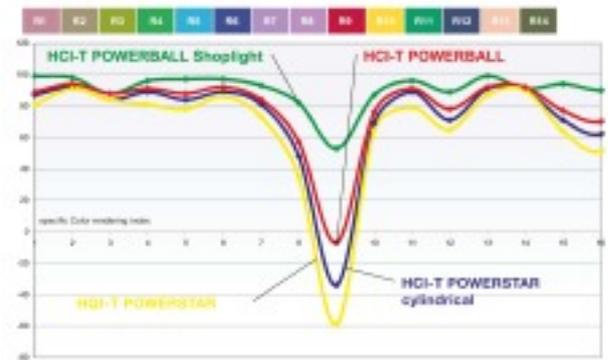
## System guarantee

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



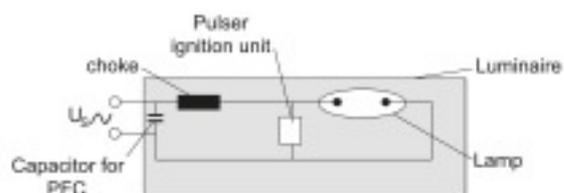
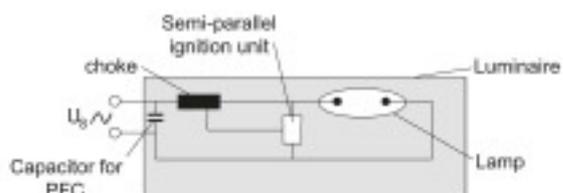
Variation possibilities of the Colour Temperature

		$T_n$	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



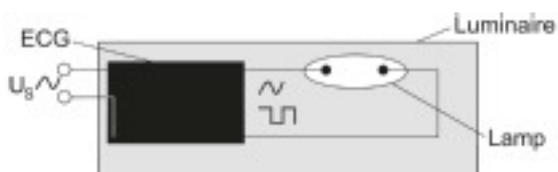
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*Others graphics*



Circuit diagram

Circuit diagram



Circuit diagram

**Logistical Data**

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<b>Product code</b>	<b>Packaging unit (Pieces/Unit)</b>	<b>Dimensions (height x width x length)</b>	<b>Gross weight</b>	<b>Volume</b>
4008321681850	Folding carton box 1	42 mm x 42 mm x 142 mm	42.00 g	0.25 dm <sup>3</sup>
4008321681867	Shipping carton box 12	139 mm x 159 mm x 180 mm	586.00 g	3.98 dm <sup>3</sup>

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## References / Links

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

▶ [www.osram.com/system-guarantee](http://www.osram.com/system-guarantee)

## Disclaimer

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