

## HCI-TC 35 W/830 WDL G8.5

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



- Shop interiors, shop windows
- Shopping arcades
- Foyers, reception areas
- Museums, exhibitions
- Accent lighting
- Decorative lighting

### 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 NDL)
- Average life: 15,000 hours (on ECG in h90 burning position)
- Average life: 12,000 hours (on magnetic control gear)



## Technical data

### Electrical data

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

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

### Light technical data

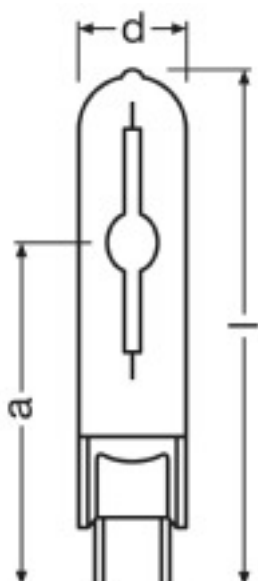
Luminous flux	3700 lm <sup>1)</sup>
Color rendering index Ra	83
Color rendering group	1B
Color temperature	3000 K
Luminous efficacy	95 lm/W <sup>2)</sup>
Light color	830

<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	15.0 mm
Length	81.0 mm
Light center length (LCL)	52.0 mm



Product line drawing with letters

#### Colors & materials

Lamp mercury content	2.6 mg
Mercury-free	No

#### Temperatures

Maximum permitted pinch temperature	300 °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)	G8.5
Design / version	Clear



Capabilities

Burning position	Any
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## Lamp-ECG combination (System)

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### PT-FIT 35 B

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

PT-FIT 35 B

### PT-FIT 35 I

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

PT-FIT 35 I

### PT-FIT 35 S

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

PT-FIT 35 S

### PTi 2x35 I

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

PTi 2x35 I (new case)

### PTi 2x35 S

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

PTi 2x35 S (new case)

### PTi 35 B MINI

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

PTi 35 B MINI

## PTi 35 S MINI

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

PTi 35 S MINI

## PTi 35 S MINI

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

PTi 35 S MINI

## PTi 35 SNAP

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

PTi 35 SNAP

## PTi 35/220-240 B

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

PTi 35 B

## PTi 35/220-240 I

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

PTi 35 I

## PTi 35/220-240 S

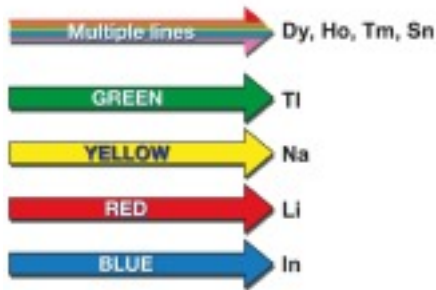
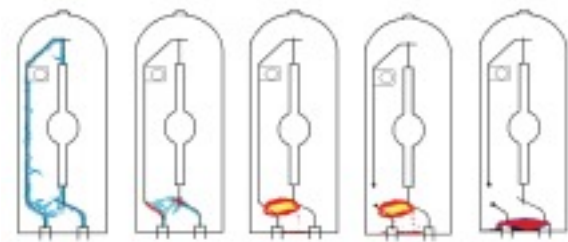
Nominal wattage + Power loss	0.00 (W)
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Products

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.

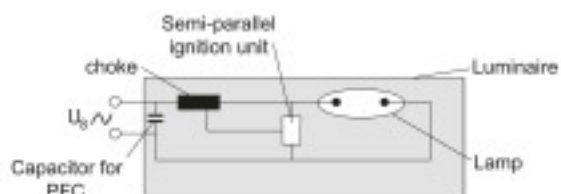


Variation possibilities of the Colour Temperature

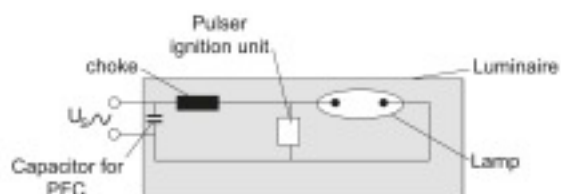
		T <sub>n</sub>	CRI
Daylight	D	> 5300 K	≥90
Neutral White	N	ca. 4000 K	60-69
Neutral White de luxe	NDL	4200 K	≥80
Warm White de luxe	WDL	3000 K	≥80

*Others graphics*

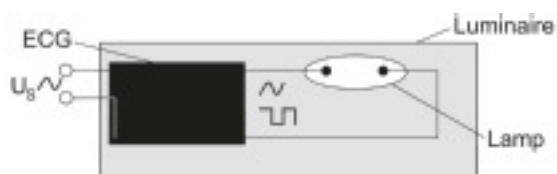
*Others graphics*



*Circuit diagram*



*Circuit diagram*



*Circuit diagram*



## 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.