

# Техническое описание продукта HCI-T 70 W/942 NDL PB

**POWERBALL HCI-T** | Металлогалогенные лампы с керамической горелкой для закрытых светильников



## Техническое описание продукта

### Technical data

#### Электрические параметры

ZLDV_Nominal wattage [AGGR]	70.00 W
ZLDV_Rated wattage [AGGR]	73.00 W <sup>1)</sup>
ZLDV_Lamp current [AGGR]	0.99 A
ZLDV_PFC capacitor at 50 Hz [AGGR]	12 µF <sup>2)</sup>
ZLDV_Ignition voltage [AGGR]	3.6 kVp;5.0 kVp <sup>3)</sup>
ZLDV_Nominal voltage [AGGR]	91 V
ZLDV_Nominal current [AGGR]	0.99 A

<sup>1)</sup> In operation with electronic control gear with 70...400 Hz square-wave current

<sup>2)</sup> At rated voltage and  $\cos \varphi \geq 0.9$

<sup>3)</sup> Minimum; for superimposed ignition with square wave electronic ballast 3.0 kVp are sufficient;Maximum; this limit is for safety reasons

#### Фотометрические данные

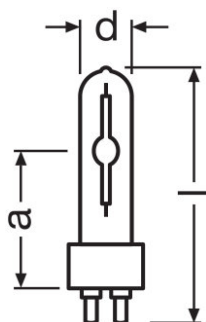
ZLDV_Luminous flux [AGGR]	6800 lm <sup>1)</sup>
ZLDV_Luminous efficacy [AGGR]	93 lm/W <sup>2)</sup>
ZLDV_Color rendering index Ra [AGGR]	95
ZLDV_Color temperature [AGGR]	3890 K
ZLDV_Light color [AGGR]	939
ZLDV_Rated LLMF at 2,000 h [AGGR]	0.87
ZLDV_Rated LLMF at 4,000 h [AGGR]	0.81
ZLDV_Rated LLMF at 6,000 h [AGGR]	0.78
ZLDV_Rated LLMF at 8,000 h [AGGR]	0.77
ZLDV_Rated LLMF at 12,000 h [AGGR]	0.76
ZLDV_UV protection [AGGR]	Yes
ZLDV_Rated luminous flux [AGGR]	6800 lm
ZLDV_Nominal luminous flux [AGGR]	6800 lm <sup>1)</sup>
ZLDV_Rated color temperature [AGGR]	3890 K

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

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

## Техническое описание продукта

### Размеры и вес



ZLDV_Diameter [AGGR]	20.0 mm
ZLDV_Length [AGGR]	100.0 mm
ZLDV_Light center length (LCL) [AGGR]	56.0 mm
ZLDV_Product weight [AGGR]	28.00 g
ZLDV_Outer bulb [AGGR]	T19
ZLDV_Overall length [AGGR]	100.0 mm

### Температуры и условия управления

ZLDV_Maximum permitted outer bulb temperature [AGGR]	500 °C
ZLDV_Maximum permitted pinch temperature [AGGR]	350 °C

### Срок службы

ZLDV_Rated lamp survival factor at 2,000 h [AGGR]	0.99
ZLDV_Rated lamp survival factor at 4,000 h [AGGR]	0.98
ZLDV_Rated lamp survival factor at 6,000 h [AGGR]	0.97
ZLDV_Rated lamp survival factor at 8,000 h [AGGR]	0.96
ZLDV_Rated lamp survival factor at 12,000 h [AGGR]	0.80
ZLDV_Lifespan B50 [AGGR]	15000 h <sup>1)</sup>
ZLDV_Operation mode LLMF/LSF [AGGR]	ECG

<sup>1)</sup> At ECG

### Дополнительные данные

ZLDV_Base (standard designation) [AGGR]	G12
ZLDV_Design / version [AGGR]	clear
ZLDV_System guarantee level [AGGR]	3 (2/5)
ZLDV_Mercury content [AGGR]	5.1 mg <sup>1)</sup>

## Техническое описание продукта

Утилизация по WEEE	Да
ZLDV_Mercury-free [AGGR]	No

<sup>1)</sup> Maximum

### Возможности / мощности

ZLDV_Dimmable [AGGR]	Yes <sup>1)</sup>
ZLDV_Burning position [AGGR]	Any
ZLDV_Enclosed luminaire required [AGGR]	Yes
ZLDV_Hot restart [AGGR]	No

<sup>1)</sup> In combination with POWERTRONIC PTo

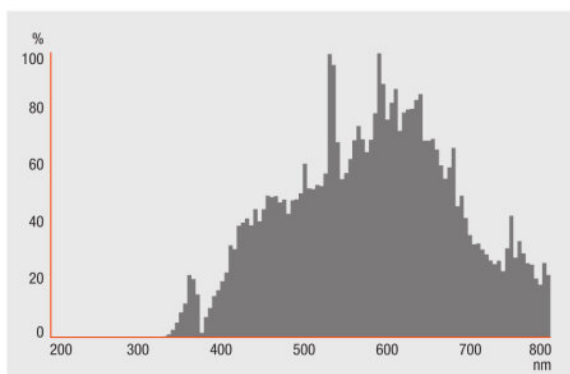
### Сертификаты и Стандарты

ZLDV_Energy efficiency class [AGGR]	A+
ZLDV_Energy consumption [AGGR]	81 kWh/1000h

### Классификация

ZLDV_ILCOS [AGGR]	MT/UB-70/942-H/SL-G12-20/90
ZLDV_Order reference [AGGR]	HCI-T 70W/942 N

### Распределение силы света

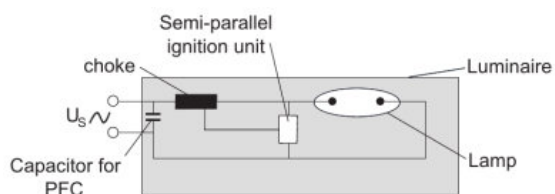


HCI\_942\_NDL

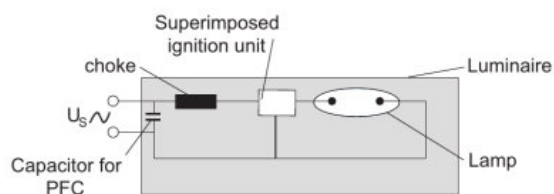
## Техническое описание продукта

### Системная гарантия

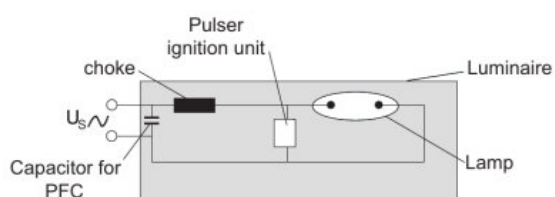
Для абсолютного большинства наших ламп мы предлагаем расширенную системную гарантию в сочетании с ПРА OSRAM POWERTRONIC.



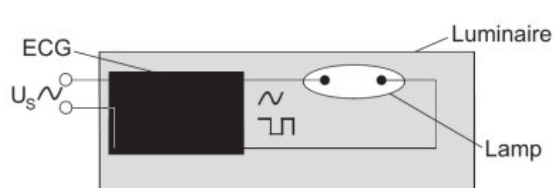
OPERATION OF HIGH INTENSITY DISCHARGE LAMPS WITH SEMI-PARALLEL IGNITION UNIT



OPERATION OF HIGH INTENSITY DISCHARGE LAMPS WITH A SUPERIMPOSED IGNITION UNIT



OPERATION OF HIGH INTENSITY DISCHARGE LAMPS WITH PULSE IGNITION UNIT



ELEKTRONIC OPERATION OF HIGH INTENSITY DISCHARGE LAMPS

### Данные для заказа

Product code	Описание продукта	Упаковка (цена/шт.)	Размеры (длина x ширина x высота)	Объем	Вес брутто
4008321678522	HCI-T 70 W/942 NDL PB	Shipping carton box 12 шт. Folding carton box	180 mm x 161 mm x 139 mm	4.03 дм <sup>3</sup>	600.40 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.

## Техническое описание продукта

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### Ссылки

Более подробную информацию по системной гарантии и положениям и условиям гарантийного обслуживания см. на странице

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

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### Примечание

В заказ могут быть внесены изменения без предварительного уведомления. Проверьте информацию на наличие ошибок. Убедитесь, что информация актуальна.

OSRAM is distribution partner  
of LEDVANCE of LAMPS

**OSRAM**

OSRAM GmbH  
Marcel-Breuer-Strasse 6  
80807 Munich, Germany

## HCI-T 70 W/942 NDЛ PB

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Название продукта	Название продукта ЭПРА	ЕАN-код
HCI-T 70 W/942 NDЛ PB	PT-FIT 70/220-240 I	4008321377685
	PT-FIT 70/220-240 S	4008321386649
	PTi 70/220-240 I	4008321099501
	PTi 70/220-240 S	4008321049629
	PTo 70/220-240 3DIM	4008321959355