

HCI-TF 35 W/930 WDL PB

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



Areas of application

- Shop interiors, shop windows
- Shopping arcades
- Foyers, reception areas
- Museums, exhibitions
- Accent lighting
- Decorative lighting
- Approved only for use in enclosed luminaires
- Outdoor applications only in suitable luminaires

Product benefits

- High efficiency
- Good to excellent color rendering
- Very good color stability
- Easy relamping thanks to Twist and Lock base
- UV values significantly below the maximum permitted thresholds to IEC 61167 thanks to UV filter

Product features

- POWERBALL ceramic technology
- Light color: warm white (830 WDL, 930 WDL)
- Average lifetime: 15,000 h
- Only for operation with ECG with 70...400 Hz square-wave current
- Twist and Lock base



Technical data

Electrical data

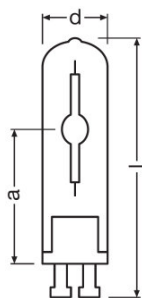
Nominal wattage	35,00 W
Rated wattage	39,00 W
Lamp current	0,41 A
Ignition voltage	3,0 kVp;5,0 kVp ¹⁾

¹⁾ Minimo; per accensione a sovrapposizione con alimentatore elettronico con corrente a onda quadra; Massimo; questo limite è per motivi di sicurezza

Photometrical data

Luminous flux	3600 lm
Luminous efficacy	92 lm/W
Color rendering index Ra	90
Color temperature	3000 K
Light color	930
Rated LLMF at 2,000 h	0,89
Rated LLMF at 4,000 h	0,87
Rated LLMF at 6,000 h	0,85
Rated LLMF at 8,000 h	0,83
Rated LLMF at 12,000 h	0,80
UV protection	Si

Dimensions & weight



Diameter	13,0 mm
Length	57,0 mm
Light center length (LCL)	30,0 mm
Product weight	8,10 g

Temperatures & operating conditions

Product datasheet

Maximum permitted outer bulb temperature	450 °C
Maximum permitted pinch temperature	330 °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⁾

¹⁾ A alimentatore elettronico

Additional product data

Base (standard designation)	GU6.5
Product remark	Adatto solo per alimentatore elettronico con corrente a onda quadra 70...400 Hz
System guarantee level	3 (2/5)
Mercury content	4,4 mg

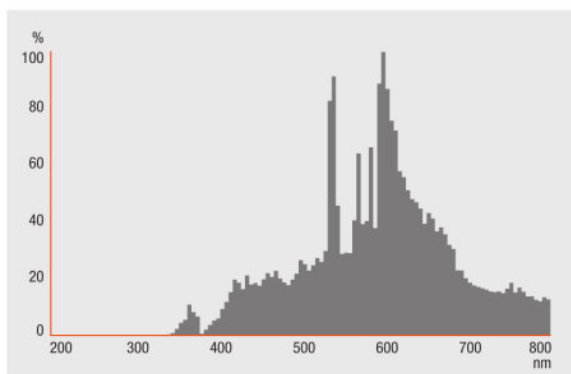
Capabilities

Dimmable	No
Burning position	Universale
Enclosed luminaire required	Si

Country specific categorizations

ILCOS	MT/UB-35/930-H/L-GU6.5-13.3/30
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Light Distribution



Spectral power distribution

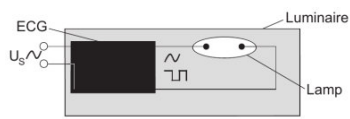
System guarantee

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



Guarantee

Product datasheet



Circuit diagram

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321683021	HCI-TF 35 W/930 WDL PB	Shipping carton box 12 Pieces Folding carton box	180 mm x 127 mm x 140 mm	3.20 dm ³	311.00 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.osram.com/system-guarantee

Disclaimer

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

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Product name	Product name ECG	EAN
HCI-TF 35 W/930 WDL PB	PT-FIT 35/220-240 I	4008321377661
	PT-FIT 35/220-240 S	4008321386625
	PTi 35/220-240 I	4008321099488
	PTi 35/220-240 S	4008321073112
	PTi 35/220-240 S MINI	4008321955906