

Product datasheet

HCI-T 35 W/930 WDL PB Excellence

POWERBALL HCI-T Excellence | 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 Approved only for use in enclosed luminaires Outdoor applications only in suitable luminaires

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



Technical data

Electrical data

Nominal wattage	35.00 W
Rated wattage	39.00 W
Lamp current	0.52 A
PFC capacitor at 50 Hz	6 μ F ¹⁾
Ignition voltage	3.6 kVp;5.0 kVp ²⁾
Nominal voltage	90 V
Nominal current	0.52 A

¹⁾ At rated voltage and $\cos \varphi \geq 0.9$

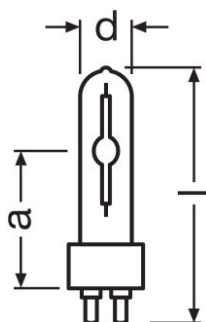
²⁾ Minimum; for superimposed ignition with square wave electronic ballast 3.0 kVp are sufficient;Maximum; this limit is for safety reasons

Photometrical data

Luminous efficacy	108 lm/W
Luminous flux	4200 lm ¹⁾
Color rendering index Ra	90
Light color	930
Rated LLMF at 2,000 h	0.86
Rated LLMF at 4,000 h	0.83
Rated LLMF at 6,000 h	0.81
Rated LLMF at 8,000 h	0.79
Rated LLMF at 12,000 h	0.77
UV protection	Yes
Rated luminous flux	4200 lm
Nominal luminous flux	4200 lm ¹⁾
Rated color temperature	3000 K
Color temperature	3000 K

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

Dimensions & weight



Diameter	20.0 mm
Length	100.0 mm
Light center length (LCL)	56.0 mm
Product weight	27.00 g
Outer bulb	T19
Overall length	100.0 mm

Lifespan

Rated lamp survival factor at 2,000 h	1.00
Rated lamp survival factor at 4,000 h	0.99
Rated lamp survival factor at 6,000 h	0.98
Rated lamp survival factor at 8,000 h	0.97
Rated lamp survival factor at 12,000 h	0.95
Rated lamp survival factor at 16,000 h	0.80
Rated lamp survival factor at 20,000 h	0.50
Lifespan B50	20000 h ¹⁾
Operation mode LLMF/LSF	ECG

¹⁾ At ECG

Additional product data

Base (standard designation)	G12
System guarantee level	3 (2/5)
Mercury content	4.3 mg
Appropriate disposal acc. to WEEE	Yes
Mercury-free	No

Capabilities

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Dimmable	No
Burning position	Any
Enclosed luminaire required	Yes

Certificates & standards

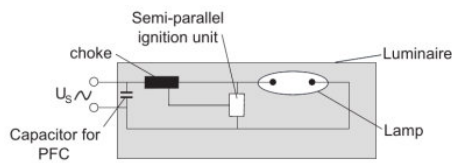
Energy efficiency class	F
Energy consumption	43 kWh/1000h

Country specific categorizations

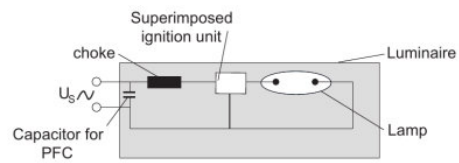
ILCOS	MT/UB-35/930-H/E/SL-G12-20/90
Order reference	HCI-T 35W/930WD

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	18-04-2022
Primary Article Identifier	4052899238640
Declaration No. in SCIP database	In work

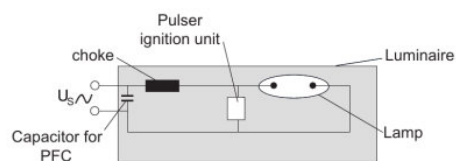


OPERATION OF HIGH INTENSITY DISCHARGE LAMPS WITH SEMI-PARALLEL IGNITION UNIT

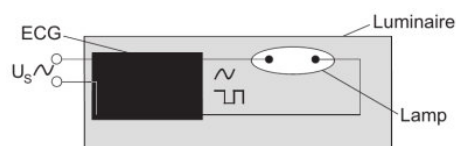


OPERATION OF HIGH INTENSITY DISCHARGE LAMPS WITH A SUPERIMPOSED IGNITION UNIT

Product datasheet



OPERATION OF HIGH INTENSITY DISCHARGE LAMPS WITH PULSE IGNITION UNIT



ELEKTRONIC OPERATION OF HIGH INTENSITY DISCHARGE LAMPS

Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899238640	HCI-T 35 W/930 WDL PB Excellence	Shipping carton box 12 Pieces Folding carton box	180 mm x 140 mm x 158 mm	3.98 dm ³	586.00 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.

Disclaimer

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

OSRAM is distribution partner
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