

Product family datasheet

POWERBALL HCI-TT SUPER 4Y

Metal halide lamps with ceramic technology for enclosed luminaires



- Product features White light due to POWERBALL® ceramic technology Light color: warm white (830 WDL) Extended service lifetime: 4 years (at approx. 11 h/day) Very high luminous efficacy: up to 125 lm/W Lamp survival factor: 95 % after 16,000 h burning time Average lifetime: up to 24,000 h ErP compliant according to EU Regulation 245/2009 Dimmable on conventional control gears and electronic control gears Product benefits Up to 15 % higher lumen maintenance factor compared to HCI-TT standard lamps Up to 30 % higher lum. efficacy for lamps ≤ 100 W (comp. to NAV-T Super 4Y/6Y) Good color rendering Operation in existing HPS installations as ignition voltage of IEC 60662 is met Energy savings of up to 70 % when replacing mercury vapor lamps (HQL) Optimum energy efficiency on POWERTRONIC® PTo 3DIM ECGs UV values significantly below the maximum permitted thresholds to IEC 61167 thanks to UV filter Areas of application Streets Outdoor lighting Industrial installations Exhibition halls and trade fairs Approved only for use in enclosed luminaires Outdoor applications only in suitable luminaires System guarantee When operated with OSRAM POWERTRONIC® control gear, an extended system guarantee is granted for these lamps Safety advice Where possible, use a timer igniter (switch-off time of at least 15 minutes). Otherwise, switch off the luminaire for at least 15 minutes if a brief interruption has occurred to the mains voltage supply. References / Links For more information on the system guarantee and the terms and conditions of the guarantee visit www.ledvance.com/system-guarantee

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System guarantee

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

Application advice

For more detailed application information and graphics please see product datasheet.

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.

References / Links

For more information on the system guarantee and the terms and conditions of the guarantee visit [https://](https://www.inventronics-light.com/multilevel-guarantees)

▶ www.inventronics-light.com/multilevel-guarantees

Disclaimer

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