

PRODUCT FAMILY DATASHEET

POWERBALL HCI-PAR20

Metal halide lamps for open and enclosed luminaires



AREAS OF APPLICATION

- Shop interiors, shop windows
- Shopping arcades
- Museums, exhibitions
- Industry
- Parks and gardens
- Buildings, monuments, bridges
- Suitable for use in open and enclosed luminaires
- Outdoor applications only in suitable luminaires

PRODUCT BENEFITS

- Very high efficiency
- Simple lamp installation/replacement in open luminaires
- Optimum emission
- 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

- POWERBALL ceramic technology
- Integrated reflector
- Light color: warm white (830 WDL)



TECHNICAL DATA

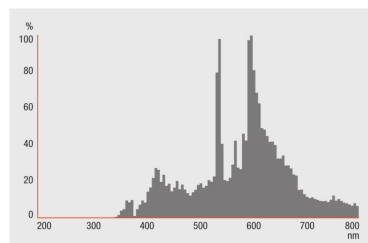
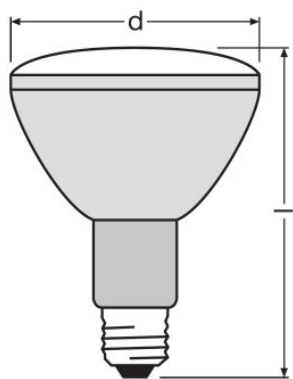
Product description	Electrical data					Photometrical data						Light technical data
	Rated wattage	Lamp current	Nominal wattage	PFC capacitor at 50 Hz	Ignition voltage	Luminous intensity [PIM]	Color rendering index Ra	Color temperature	Light color	UV protection	Luminous flux	Beam angle (designation)
HCI-PAR20 35 W/830 WDL PB SP	35.00 W	0.53 A	35.00 W	6 µF ¹⁾	3.6 / 4.5 kVp ²⁾	22000 cd	85	3000 K	830	Yes	1700 lm	SP
HCI-PAR20 35 W/830 WDL PB FL	35.00 W	0.53 A	35.00 W	6 µF ¹⁾	3.6 / 4.5 kVp ²⁾	5000 cd	85	3000 K	830	Yes	1700 lm	FL

Product description	Dimensions & weight			Temperatures & operating conditions			Lifespan	Additional product data		
	Diameter	Length	Product weight	Max. permitted edge temperature	Max. permitted reflector neck temp.	Max. permitted reflector edge temp.	Lifespan B50	Base (standard designation)	System guarantee level	Mercury content
HCI-PAR20 35 W/830 WDL PB SP	64.0 mm	96.0 mm	109.00 g	210 °C	210 °C	160 °C	12000 h	E27	3 (1/5)	4.2 mg
HCI-PAR20 35 W/830 WDL PB FL	64.0 mm	96.0 mm	109.00 g	210 °C	210 °C	160 °C	12000 h	E27	3 (1/5)	4.2 mg

Product description	Capabilities			Country-specific categorizations
	Dimmable	Burning position	Enclosed luminaire required	ILCOS
HCI-PAR20 35 W/830 WDL PB SP	No	Any	No	MRS/UB-35/830-H/SL-E27-64/96/10
HCI-PAR20 35 W/830 WDL PB FL	No	Any	No	MRS/UB-35/830-H/SL-E27-64/96/30

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



HCI-PAR20 35 W/830 WDL PB SP, HCI-PAR20 35 W/830 WDL PB FL

HCI-PAR20 35 W/830 WDL PB SP, HCI-PAR20 35 W/830 WDL PB FL

SYSTEM GUARANTEE

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

APPLICATION ADVICE

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321970763	Shipping carton box 12	262 mm x 116 mm x 200 mm	1654.00 g	6.08 dm ³
4008321970800	Shipping carton box 12	262 mm x 116 mm x 200 mm	1843.24 g	6.08 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
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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.ledvance.com/system-guarantee

DISCLAIMER

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