

# PRODUCT DATASHEET

## HCI-PAR20 35 W/830 WDL PB SP

POWERBALL HCI-PAR20 | Metal halide lamps for open and enclosed luminaires



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### 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

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### 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

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### PRODUCT FEATURES

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



**TECHNICAL DATA**

Electrical data

<b>Rated wattage</b>	35.00 W
<b>Lamp current</b>	0.53 A
<b>PFC capacitor at 50 Hz</b>	6 $\mu$ F <sup>1)</sup>
<b>Nominal wattage</b>	35.00 W
<b>Ignition voltage</b>	3.6 / 4.5 kVp <sup>2)</sup>

<sup>1)</sup> At rated voltage and  $\cos \varphi \geq 0.9$

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

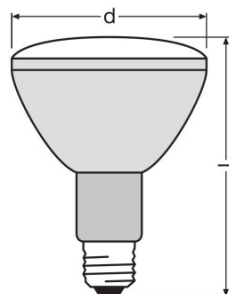
Photometrical data

<b>Luminous intensity [PIM]</b>	22000 cd
<b>Color rendering index Ra</b>	85
<b>Color temperature</b>	3000 K
<b>Light color</b>	830
<b>UV protection</b>	Yes
<b>Luminous flux</b>	1700 lm

Light technical data

<b>Beam angle (designation)</b>	SP
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Dimensions & weight



<b>Diameter</b>	64.0 mm
<b>Length</b>	96.0 mm
<b>Product weight</b>	109.00 g

Temperatures & operating conditions

<b>Maximum permitted base edge temperature</b>	210 °C
<b>Maximum permitted reflector neck temp.</b>	210 °C
<b>Maximum permitted reflector edge temp.</b>	160 °C

Lifespan

<b>Lifespan B50</b>	12000 h
<b>Rated lamp life time</b>	12000 h

Additional product data

<b>Base (standard designation)</b>	E27
<b>System guarantee level</b>	3 (1/5)
<b>Mercury content</b>	4.2 mg

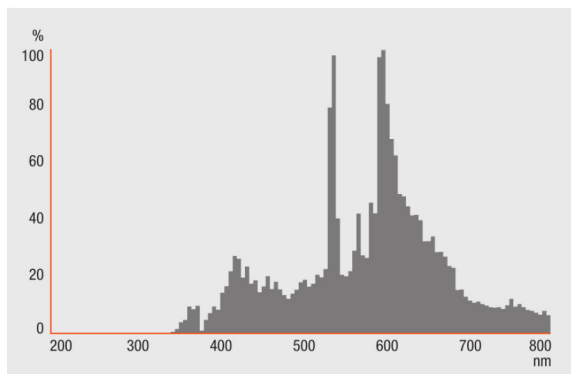
Capabilities

<b>Dimmable</b>	No
<b>Burning position</b>	Any
<b>Enclosed luminaire required</b>	No

Country-specific categorizations

<b>ILCOS</b>	MRS/UB-35/830-H/SL-E27-64/96/10
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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

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**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321970756	Folding carton box 1	95 mm x 62 mm x 62 mm	127.14 g	0.37 dm <sup>3</sup>
4008321970763	Shipping carton box 12	262 mm x 116 mm x 200 mm	1654.00 g	6.08 dm <sup>3</sup>

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.

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**REFERENCES / LINKS**

For more information on the system guarantee and the terms and conditions of the guarantee visit

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

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**DISCLAIMER**

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