

PRODUCT DATASHEET

HCI-PAR30 35 W/830 WDL PB SP

POWERBALL HCI-PAR30 | 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 colors: warm white (830 WDL, 930 WDL), neutral white (942 NDL)



TECHNICAL DATA

Electrical data

Rated wattage	39.00 W
Lamp current	0.53 A
PFC capacitor at 50 Hz	6 μ F ¹⁾
Nominal wattage	35.00 W
Ignition voltage	3.6 / 4.5 kVp ²⁾

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

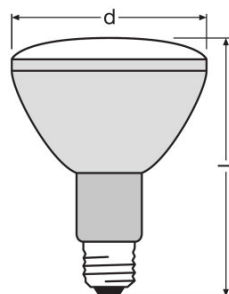
Photometrical data

Rated useful luminous flux 90°	2090 lm
Luminous intensity [PIM]	45000 cd
Rated peak intensity	45000 cd
Color rendering index Ra	85
Color temperature	3000 K
Light color	830
UV protection	Yes
Luminous flux	2250 lm

Light technical data

Nominal beam angle	10 °
Rated beam angle (half peak value)	10.00 °
Beam angle (designation)	SP
Warm-up time (60 %)	180.00 s
Starting time	30.0 s

Dimensions & weight



Diameter	95.5 mm
Length	125.0 mm

Product weight	220.00 g
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Temperatures & operating conditions

Maximum permitted base edge temperature	210 °C
Maximum permitted reflector neck temp.	210 °C
Maximum permitted reflector edge temp.	160 °C

Lifespan

Lifespan B50	12000 h
Rated lamp life time	15000 h
Number of switching cycles	1360
Operation mode LLMF/LSF	50 Hz

Additional product data

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

Capabilities

Dimmable	No
Burning position	Any
Enclosed luminaire required	No

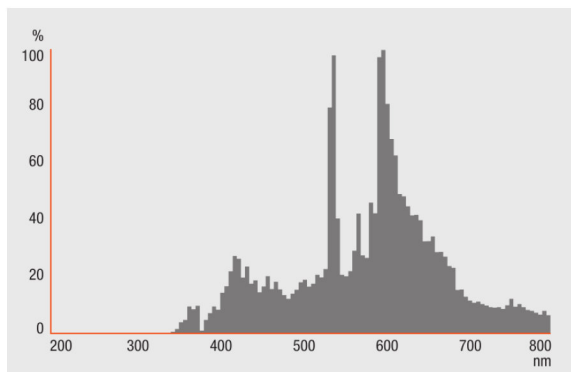
Certificates & standards

Energy efficiency class	A
Energy consumption	43 kWh/1000h

Country-specific categorizations

ILCOS	MRS/UB-35/830-H/SL-E27-95/125/10
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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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321970831	Folding carton box 1	121 mm x 88 mm x 98 mm	267.00 g	1.04 dm ³
4008321970848	Shipping carton box 6	322 mm x 184 mm x 227 mm	1974.00 g	13.45 dm ³

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.

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