

PRODUCT FAMILY DATASHEET

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

Product description	Electrical data					Photometrical data						
	Rated wattage	Lamp current	PFC capacitor at 50 Hz	Nominal wattage	Ignition voltage	Rated useful luminous flux 90°	Luminous intensity [PIM]	Rated peak intensity	Color rendering index Ra	Color temperature	Light color	UV protection
HCI-PAR30 35 W/830 WDL PB SP	39.00 W	0.53 A	6 µF ¹⁾	35.00 W	3.6 / 4.5 kVp ²⁾	2090 lm	45000 cd	45000 cd	85	3000 K	830	Yes
HCI-PAR30 35 W/830 WDL PB FL	39.00 W	0.53 A	6 µF ¹⁾	35.00 W	3.6 / 4.5 kVp ²⁾	2190 lm	8000 cd	8000 cd	85	3000 K	830	Yes
HCI-PAR30 70 W/930 WDL PB SP	72.00 W	0.98 A	12 µF ¹⁾	70.00 W	3.6 / 4.5 kVp ²⁾	3630 lm	60000 cd	60000 cd	90	3000 K	930	Yes
HCI-PAR30 70 W/930 WDL PB FL	72.00 W	0.98 A	12 µF ¹⁾	70.00 W	3.6 / 4.5 kVp ²⁾	3440 lm	12000 cd	12000 cd	90	3000 K	930	Yes

Product description	Luminous flux	Light technical data			Dimensions & weight			Temperatures & operating conditions			Lifespan
		Nominal beam angle	Rated beam angle (half peak value)	Beam angle (designation)	Diameter	Length	Product weight	Max. permitted edge temperature	Max. permitted reflector neck temp.	Max. permitted reflector edge temp.	Lifespan B50
HCI-PAR30 35 W/830 WDL PB SP	2250 lm	10 °	10.00 °	SP	95.5 mm	125.0 mm	220.00 g	210 °C	210 °C	160 °C	12000 h
HCI-PAR30 35 W/830 WDL PB FL	2250 lm	30 °	30.00 °	FL	95.5 mm	125.0 mm	220.00 g	210 °C	210 °C	160 °C	12000 h
HCI-PAR30 70 W/930 WDL PB SP	4700 lm	10 °	10.00 °	SP	95.5 mm	125.0 mm	220.00 g	210 °C	210 °C	160 °C	12000 h
HCI-PAR30 70 W/930 WDL PB FL	4700 lm	30 °	30.00 °	FL	95.5 mm	125.0 mm	220.00 g	210 °C	210 °C	160 °C	12000 h

Product description	Operation mode LLMF/LSF	Additional product data			Capabilities			Certificates & standards
		Base (standard designation)	System guarantee level	Mercury content	Dimmable	Burning position	Enclosed luminaire required	Energy consumption
HCI-PAR30 35 W/830 WDL PB SP	50 Hz	E27	3 (1/5)	4.2 mg	No	Any	No	43 kWh/1000h
HCI-PAR30 35 W/830 WDL PB FL	50 Hz	E27	3 (1/5)	4.2 mg	No	Any	No	43 kWh/1000h
HCI-PAR30 70 W/930 WDL PB SP	50 Hz	E27	3 (1/5)	7.6 mg	Yes ³⁾	Any	No	80 kWh/1000h
HCI-PAR30 70 W/930 WDL PB FL	50 Hz	E27	3 (1/5)	7.6 mg	Yes ³⁾	Any	No	80 kWh/1000h

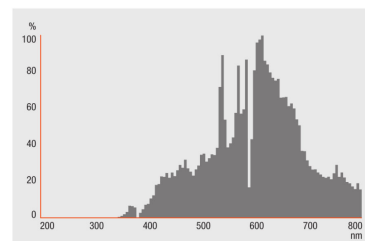
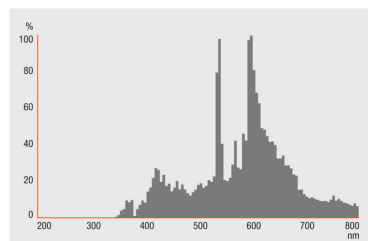
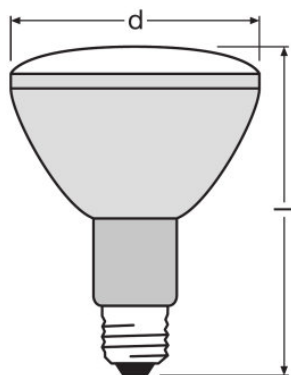
Product description	Country-specific categorizations
	ILCOS
HCI-PAR30 35 W/830 WDL PB SP	MRS/UB-35/830-H/SL-E27-95/125/10

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Product description	ILCOS
HCI-PAR30 35 W/830 WDL PB FL	MRS/UB-35/830-H/SL-E27-95/125/30
HCI-PAR30 70 W/930 WDL PB SP	MRS/UB-70/930-H/SL-E27-95/125/10
HCI-PAR30 70 W/930 WDL PB FL	MRS/UB-70/930-H/SL-E27-95/125/30

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

³⁾ In combination with POWERTRONIC PTo



HCI-PAR30 35 W/830 WDL PB SP, HCI-PAR30 35 W/830 WDL PB FL, HCI-PAR30 70 W/930 WDL PB SP, HCI-PAR30 70 W/930 WDL PB FL

HCI-PAR30 35 W/830 WDL PB SP, HCI-PAR30 35 W/830 WDL PB FL

HCI-PAR30 70 W/930 WDL PB SP, HCI-PAR30 70 W/930 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
4008321970848	Shipping carton box 6	322 mm x 184 mm x 227 mm	1974.00 g	13.45 dm ³
4008321970862	Shipping carton box 6	322 mm x 184 mm x 227 mm	1974.00 g	13.45 dm ³
4052899950917	Shipping carton box 6	333 mm x 248 mm x 141 mm	1737.00 g	11.64 dm ³
4052899950931	Shipping carton box 6	333 mm x 248 mm x 141 mm	1780.00 g	11.64 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.