

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)



Product family datasheet

Technical data

Product description	Electrical data				Photometrical data					
	Nominal wattage	Rated wattage	Lamp current	PFC capacitor at 50 Hz	Ignition voltage	Rated useful luminous flux 90°	Luminous intensity	Rated peak intensity	Color rendering index Ra	Color temperature
HCI-PAR30 35 W/830 WDL PB SP	35.0 W	39.00 W	0.53 A	6 µF ¹⁾	3.6 / 4.5 kVp ²⁾	2299 lm	45000 cd	45000 cd	85	3000 K
HCI-PAR30 35 W/830 WDL PB FL	35.0 W	39.00 W	0.53 A	6 µF ¹⁾	3.6 / 4.5 kVp ²⁾	2409 lm	8000 cd	8000 cd	83	3000 K
HCI-PAR30 35 W/942 NDL PB SP	35.0 W	39.00 W	0.53 A	6 µF ¹⁾	3.6 / 4.5 kVp ²⁾	2110 lm	36000 cd	36000 cd	>90	4000 K
HCI-PAR30 35 W/942 NDL PB FL	35.0 W	39.00 W	0.53 A	6 µF ¹⁾	3.6 / 4.5 kVp ²⁾	2050 lm	7000 cd	7000 cd	>90	4000 K
HCI-PAR30 70 W/930 WDL PB SP	70.0 W	72.00 W	0.98 A	12 µF ¹⁾	3.6 / 4.5 kVp ²⁾	3993 lm	60000 cd	60000 cd	90	3000 K
HCI-PAR30 70 W/930 WDL PB FL	70.0 W	72.00 W	0.98 A	12 µF ¹⁾	3.6 / 4.5 kVp ²⁾	3784 lm	12000 cd	12000 cd	90	3000 K
HCI-PAR30 70 W/942 NDL PB SP	70.0 W	72.00 W	0.98 A	12 µF ¹⁾	3.6 / 4.5 kVp ²⁾	3770 lm	70000 cd	70000 cd	>90	4200 K
HCI-PAR30 70 W/942 NDL PB FL	70.0 W	72.00 W	0.98 A	12 µF ¹⁾	3.6 / 4.5 kVp ²⁾	3530 lm	13000 cd	13000 cd	>90	4200 K

Product description	Light technical data			Dimensions & weight		Temperatures & operating conditions					
	Light color	UV protection	Nominal beam angle	Rated beam angle (half peak value)	Beam angle (designation)	Diameter	Length	Product weight	Max. permitted edge temperature	Max. permitted neck temperature	Max. permitted reflector edge temp.
HCI-PAR30 35 W/830 WDL PB SP	830	Yes	10°	10.00°	SP	95.5 mm	125.0 mm	220.00 g	210 °C	210 °C	160 °C
HCI-PAR30 35 W/830 WDL PB FL	830	Yes	30°	30.00°	FL	95.5 mm	125.0 mm	220.00 g	210 °C	210 °C	160 °C
HCI-PAR30 35 W/942 NDL PB SP	942	Yes	10°	30.00°	SP	97.0 mm	125.0 mm	220.00 g	210 °C	210 °C	160 °C
HCI-PAR30 35 W/942 NDL PB FL	942	Yes	30°	30.00°	FL	97.0 mm	125.0 mm	220.00 g	210 °C	210 °C	160 °C
HCI-PAR30 70 W/930 WDL PB SP	930	Yes	10°	10.00°	SP	95.5 mm	125.0 mm	220.00 g	210 °C	210 °C	160 °C
HCI-PAR30 70 W/930 WDL PB FL	930	Yes	30°	30.00°	FL	95.5 mm	125.0 mm	220.00 g	210 °C	210 °C	160 °C
HCI-PAR30 70 W/942 NDL PB SP	942	Yes	10°	10.00°	SP	97.0 mm	125.0 mm	220.00 g	210 °C	210 °C	160 °C
HCI-PAR30 70 W/942 NDL PB FL	942	Yes	30°	30.00°	FL	97.0 mm	125.0 mm	220.00 g	210 °C	210 °C	160 °C

Product family datasheet

Product description	Lifespan	Additional product data		Capabilities			Certificates & standards		
		Lifespan B50	Base (standard designation)	System guarantee level	Lamp mercury content	Dimmable	Burning position	Enclosed luminaire required	Energy efficiency class
HCI-PAR30 35 W/830 WDL PB SP	12000 h	E27	3 (1/5)	4.2 mg	No	Any	No	A	43 kWh/1000h
HCI-PAR30 35 W/830 WDL PB FL	12000 h	E27	3 (1/5)	4.2 mg	No	Any	No	A	43 kWh/1000h
HCI-PAR30 35 W/942 NDL PB SP	12000 h ³⁾	E27	3 (1/5)	4.8 mg	No	Any	No	A	43 kWh/1000h
HCI-PAR30 35 W/942 NDL PB FL	12000 h ³⁾	E27	3 (1/5)	4.8 mg	No	Any	No	A	43 kWh/1000h
HCI-PAR30 70 W/930 WDL PB SP	12000 h	E27	3 (1/5)	7.6 mg	Yes ⁴⁾	Any	No	A	80 kWh/1000h
HCI-PAR30 70 W/930 WDL PB FL	12000 h	E27	3 (1/5)	7.6 mg	Yes ⁴⁾	Any	No	A	80 kWh/1000h
HCI-PAR30 70 W/942 NDL PB SP	12000 h ³⁾	E27	3 (1/5)	7.6 mg	Yes ⁴⁾	Any	No	A	80 kWh/1000h
HCI-PAR30 70 W/942 NDL PB FL	12000 h ³⁾	E27	3 (1/5)	7.6 mg	Yes ⁴⁾	Any	No	A	80 kWh/1000h

Country specific categorizations

Product description	ILCOS
HCI-PAR30 35 W/830 WDL PB SP	MRS/UB-35/830-H/SL-E27-95/125/10
HCI-PAR30 35 W/830 WDL PB FL	MRS/UB-35/830-H/SL-E27-95/125/30
HCI-PAR30 35 W/942 NDL PB SP	MRS/UB-35/942-H/SL-E27-95/125/10
HCI-PAR30 35 W/942 NDL PB FL	MRS/UB-35/942-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
HCI-PAR30 70 W/942 NDL PB SP	MRS/UB-70/942-H/SL-E27-95/125/10
HCI-PAR30 70 W/942 NDL PB FL	MRS/UB-70/942-H/SL-E27-95/125/30

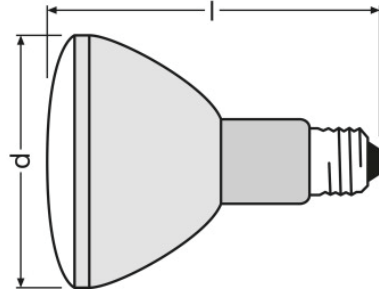
¹⁾ At rated voltage and $\cos \varphi \geq 0.9$

²⁾ Minimum; for superimposed ignition with square wave electronic ballast 3.0 kVp are sufficient

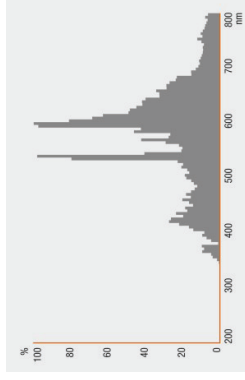
³⁾ At ECG

⁴⁾ In combination with POWERTRONIC PTO

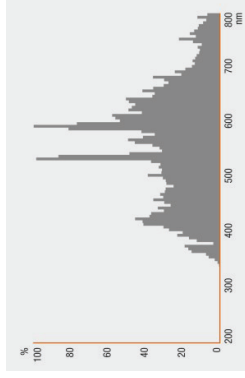
Product family datasheet



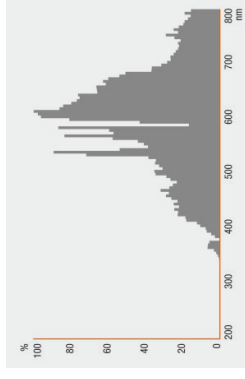
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 PAR30 35 W/830 WDL PB FL, HCI-
 PAR30 35 W/942 ND L PB SP, HCI-
 PAR30 35 W/942 ND L PB FL, HCI-
 PAR30 70 W/930 WDL PB SP, HCI-
 PAR30 70 W/930 WDL PB FL, HCI-
 PAR30 70 W/942 ND L PB SP, HCI-
 PAR30 70 W/942 ND L PB FL



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

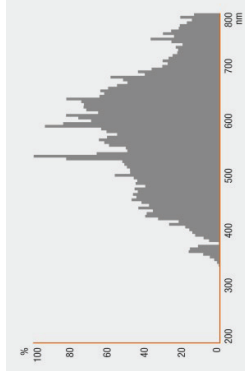


HCI-PAR30 35 W/942 ND L PB SP, HCI-
 PAR30 35 W/942 ND L PB FL



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

Product family datasheet



HCI-PAR30 70 W/942 NDL PB SP, HCI-
PAR30 70 W/942 NDL PB FL

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.

Logistical Data

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321970831	HCI-PAR30 35 W/830 WDL PB SP	Shipping carton box 6	322 mm x 184 mm x 227 mm	13.45 dm ³	1974.00 g
4008321970855	HCI-PAR30 35 W/830 WDL PB FL	Shipping carton box 6	322 mm x 184 mm x 227 mm	13.45 dm ³	1974.00 g
4008321970879	HCI-PAR30 35 W/942 NDL PB SP	Shipping carton box 6	322 mm x 184 mm x 227 mm	13.45 dm ³	1974.00 g
4008321970893	HCI-PAR30 35 W/942 NDL PB FL	Shipping carton box 6	322 mm x 184 mm x 227 mm	13.45 dm ³	1974.00 g
4008321970930	HCI-PAR30 70 W/930 WDL PB SP	Shipping carton box 6	322 mm x 184 mm x 227 mm	13.45 dm ³	1974.00 g
4008321971012	HCI-PAR30 70 W/930 WDL PB FL	Shipping carton box 6	338 mm x 166 mm x 249 mm	13.97 dm ³	1933.13 g
4008321970954	HCI-PAR30 70 W/942 NDL PB SP	Shipping carton box 6	322 mm x 184 mm x 227 mm	13.45 dm ³	1974.00 g
4008321970978	HCI-PAR30 70 W/942 NDL PB FL	Shipping carton box 6	322 mm x 184 mm x 227 mm	13.45 dm ³	1974.00 g

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.osram.com/system-guarantee](http://www.osram.com/system-guarantee)

Disclaimer

Product family datasheet

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

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