

Product family datasheet

PARATHOM PRO PAR16

Dimmable LED reflector lamps PAR16 with retrofit pin base



- Shops Hospitality Museums, art galleries Residential interiors As a downlight for marking walkways, doors, stairs, etc. Spotlighting for accents Display cabinets and shop windows Spotlighting heat-sensitive objects such as food, plants, etc.

- Short payback period thanks to low energy consumption and maintenance costs Premium light quality thanks to high color rendering index and narrow binning Easy replacement of halogen lamps due to compact full glass design and single optic
- Product features Professional LED alternative to high voltage halogen lamps Very high color rendering (Ra: 90) Very high color consistency: ≤ 3 SDCM Dimmable (with many common dimmers, see also www.ledvance.com/dim) Made in Germany (versions up to 35 W) Mercury-free lamps Product benefits Short payback period thanks to low energy consumption and maintenance costs Premium light quality thanks to high color rendering index and narrow binning Easy replacement of halogen lamps due to compact full glass design and single optic Areas of application Shops Hospitality Museums, art galleries Residential interiors As a downlight for marking walkways, doors, stairs, etc. Spotlighting for accents Display cabinets and shop windows Spotlighting heat-sensitive objects such as food, plants, etc. References / Links For dimming conformity see www.ledvance.com/dim For further products and actual information concerning LED lamps see www.ledvance.com/ledlamps For Guarantee see www.ledvance.com/guarantee



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Technical data

Product description	Electrical data		Photometrical data				Light technical data
	Nominal wattage	Nominal voltage	Nominal luminous flux	Rated color temperature	Light color (designation)	Luminous intensity	Beam angle
PP PAR16 3.7 W/927 GU10	3.70 W	220...240 V	230 lm	2700 K	Warm White		36 °
PP PAR16 3.7 W/930 GU10	3.70 W	220...240 V	230 lm	3000 K	Warm White		36 °
PP PAR16 3.7 W/940 GU10	3.70 W	220...240 V	230 lm	4000 K	Cool White		36 °
PP PAR16 6.5 W/927 GU10	6.50 W	220...240 V	350 lm	2700 K	Warm White		36 °
PP PAR16 6.5 W/930 GU10	6.50 W	220...240 V	350 lm	3000 K	Warm White		36 °
PP PAR16 8.7 W/927 GU10	8.70 W	220...240 V	575 lm	2700 K	Warm White	1439 cd	36 °
PP PAR16 8.7 W/930 GU10	8.70 W	220...240 V	575 lm	3000 K	Warm White	1439 cd	36 °
PP PAR16 8.7 W/940 GU10	8.70 W	220...240 V	575 lm	4000 K	Cool White	1439 cd	36 °
PP PAR16 5.2 W/927 E14	5.20 W	220...240 V	350 lm	2700 K	Warm White	850 cd	36 °
PPRO PAR 16 35 36° 4.6 W/930 GU10 DIM ¹⁾	4.60 W	220...240 V	230 lm	3000 K	Warm White	565 cd	36 °
PPRO PAR 16 50 36° 6.1 W/940 GU10 ¹⁾	6.10 W	220...240 V	350 lm	4000 K	Cool White	850 cd	36 °
PP PAR16 4.9 W/930 GU10	4.90 W	220...240 V	230 lm	3000 K	Warm White		36 °
PP PAR16 6.5 W/940 GU10	6.50 W	220...240 V	350 lm	4000 K	Cool White		36 °

Product description	Nominal beam angle	Rated beam angle (half peak value)	Starting time	Warm-up time (60 %)	Dimensions & weight	Lifespan	
					Overall length	Nominal lamp life time	Rated lamp life time
PP PAR16 3.7 W/927 GU10	36 °	36.00 °	< 0.5 s		55.0 mm	40000 h	40000 h
PP PAR16 3.7 W/930 GU10	36 °	36.00 °	< 0.5 s		55.0 mm	40000 h	40000 h
PP PAR16 3.7 W/940 GU10	36 °	36.00 °	< 0.5 s		55.0 mm	40000 h	40000 h
PP PAR16 6.5 W/927 GU10	36 °	36.00 °	< 0.5 s		55.0 mm	40000 h	40000 h
PP PAR16 6.5 W/930 GU10	36 °	36.00 °	< 0.5 s		55.0 mm	40000 h	40000 h
PP PAR16 8.7 W/927 GU10	36 °	36.00 °	< 0.5 s		62.0 mm	40000 h	40000 h
PP PAR16 8.7 W/930 GU10	36 °	36.00 °	< 0.5 s		62.0 mm	40000 h	40000 h

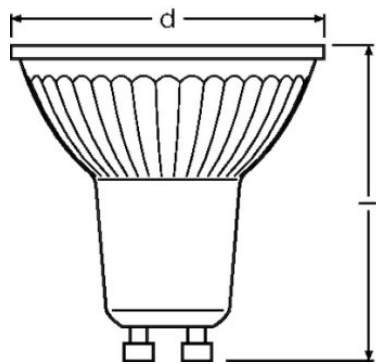
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Product description	Nominal beam angle	Rated beam angle (half peak value)	Starting time	Warm-up time (60 %)	Dimensions & weight	Lifespan	
					Overall length	Nominal lamp life time	Rated lamp life time
PP PAR16 8.7 W/940 GU10	36 °	36.00 °	< 0.5 s		62.0 mm	40000 h	40000 h
PP PAR16 5.2 W/927 E14	36 °	36.00 °	< 0.5 s		73.0 mm	25000 h	25000 h
PPRO PAR 16 35 36° 4.6 W/930 GU10 DIM ¹⁾	36 °	36.00 °	< 0.5 s	< 0.50 s	52.0 mm	40000 h	40000 h
PPRO PAR 16 50 36° 6.1 W/940 GU10 ¹⁾	36 °	36.00 °	0.0 s	1.00 s	55.0 mm	40000 h	40000 h
PP PAR16 4.9 W/930 GU10	36 °	36.00 °	< 0.5 s		55.0 mm	40000 h	40000 h
PP PAR16 6.5 W/940 GU10	36 °	36.00 °	< 0.5 s		55.0 mm	40000 h	40000 h

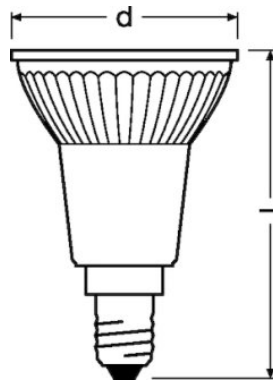
Product description	Number of switching cycles	Additional product data	Capabilities	Certificates & standards		Country specific categorizations	
		Base (standard designation)	Dimmable	Energy consumption	Energy efficiency class	Order reference	ILCOS
PP PAR16 3.7 W/927 GU10	1000000	GU10	Yes	4 kWh/1000h	A	LPPAR16D3536 3,	
PP PAR16 3.7 W/930 GU10	1000000	GU10	Yes	4 kWh/1000h	A	LPPAR16D3536 3,	
PP PAR16 3.7 W/940 GU10	1000000	GU10	Yes	4 kWh/1000h	A	LPPAR16D3536 3,	
PP PAR16 6.5 W/927 GU10	1000000	GU10	Yes	7 kWh/1000h	A	LPPAR16D5036 6,	
PP PAR16 6.5 W/930 GU10	1000000	GU10	Yes	7 kWh/1000h	A	LPPAR16D5036 6,	
PP PAR16 8.7 W/927 GU10	1000000	GU10	Yes	8 kWh/1000h	A+	LPPAR16D8036 8,	
PP PAR16 8.7 W/930 GU10	1000000	GU10	Yes	8 kWh/1000h	A+	LPPAR16D8036 8,	
PP PAR16 8.7 W/940 GU10	1000000	GU10	Yes	8 kWh/1000h	A+	LPPAR16D8036 8,	
PP PAR16 5.2 W/927 E14	100000	E14	Yes	6 kWh/1000h	A+	LPPAR16D5036 5,	
PPRO PAR 16 35 36° 4.6 W/930 GU10 DIM ¹⁾	100000	GU10	Yes	5 kWh/1000h	A+	LPPAR16D3536 4,	DRPAR-4,6/930-220-240-GU10-50/36
PPRO PAR 16 50 36° 6.1 W/940 GU10 ¹⁾	1 000 000	GU10	Yes	7 kWh/1000h	A+	LPPAR16D5036 6,	DRPAR-6,1/840-220-240-GU10-50/36
PP PAR16 4.9 W/930 GU10	100000	GU10	Yes	5 kWh/1000h	A	LPPAR16D3536 4,	
PP PAR16 6.5 W/940 GU10	1000000	GU10	Yes	7 kWh/1000h	A	LPPAR16D5036 6,	

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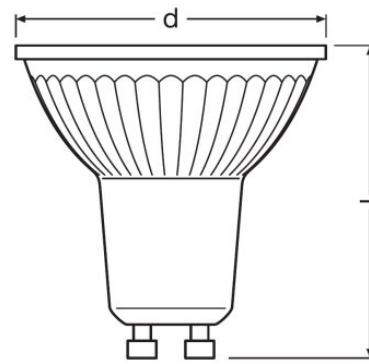
¹⁾ All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value/LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance)



PP PAR16 3.7 W/927 GU10, PP PAR16 3.7 W/930 GU10, PP PAR16 3.7 W/940 GU10, PP PAR16 6.5 W/927 GU10, PP PAR16 6.5 W/930 GU10, PP PAR16 8.7 W/927 GU10, PP PAR16 8.7 W/930 GU10, PP PAR16 8.7 W/940 GU10, PP PAR16 4.9 W/930 GU10, PP PAR16 6.5 W/940 GU10



PP PAR16 5.2 W/927 E14



PPRO PAR 16 35 36° 4.6 W/930 GU10 DIM, PPRO PAR 16 50 36° 6.1 W/940 GU10

Application advice

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

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Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075260016	PP PAR16 3.7 W/927 GU10	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm ³	595.00 g
4058075259997	PP PAR16 3.7 W/930 GU10	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm ³	595.00 g
4058075259898	PP PAR16 3.7 W/940 GU10	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm ³	595.00 g
4058075095427	PP PAR16 6.5 W/927 GU10	Shipping carton box 10	255 mm x 107 mm x 72 mm	1.96 dm ³	595.00 g
4058075095403	PP PAR16 6.5 W/930 GU10	Shipping carton box 10	255 mm x 107 mm x 72 mm	1.96 dm ³	595.00 g
4058075260191	PP PAR16 8.7 W/927 GU10	Shipping carton box 10	255 mm x 107 mm x 72 mm	1.96 dm ³	680.00 g
4058075260177	PP PAR16 8.7 W/930 GU10	Shipping carton box 10	255 mm x 107 mm x 72 mm	1.96 dm ³	680.00 g
4058075260153	PP PAR16 8.7 W/940 GU10	Shipping carton box 10	255 mm x 107 mm x 72 mm	1.96 dm ³	680.00 g
4058075264366	PP PAR16 5.2 W/927 E14	Shipping carton box 10	267 mm x 111 mm x 102 mm	3.02 dm ³	668.00 g
4052899957848	PPRO PAR 16 35 36° 4.6 W/930 GU10 DIM	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm ³	598.40 g
4052899957879	PPRO PAR 16 50 36° 6.1 W/940 GU10	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm ³	598.40 g
4058075095229	PP PAR16 4.9 W/930 GU10	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm ³	595.00 g
4058075095304	PP PAR16 6.5 W/940 GU10	Shipping carton box 10	255 mm x 107 mm x 72 mm	1.96 dm ³	595.00 g

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
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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 dimming conformity see

▶ www.osram.com/DIM

For further products and actual information concerning LED lamps see

▶ www.osram.com/ledlamps

For Guarantee see

▶ www.osram.com/guarantee

Disclaimer

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

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