

Product family datasheet

PARATHOM PAR16

LED reflector lamps PAR16 with retrofit pin base



Product family datasheet

Technical data

	Electrical data						
Product description	Claimed equiv. conventional lamp power	Operating frequency	Nominal current	Rated wattage	Nominal wattage	Nominal voltage	Max. lamp no. on circuit break. 10 A (B)
PARATHOM PAR16 50 36° 4.3 W/830 GU10 ¹⁾	50 W	50/60 Hz	38 mA				
P PAR16 2.6 W/827 GU10	35 W	50...60 Hz	0.019 A	2.60 W	2.60 W	220...240 V	526
P PAR 16 50 36° 4.3 W/827 GU10 ¹⁾	50 W	50...60 Hz	35 mA				
P PAR 16 80 6.9 W/827 GU10 ¹⁾	80 W	50...60 Hz	51 mA				
P PAR 16 80 36° 6.9 W/830 GU10 ¹⁾	80 W	50/60 Hz	41 mA				
P PAR16 2.6 W/830 GU10	35 W	50...60 Hz	0.019 A	2.60 W	2.60 W	220...240 V	526
		Photometrical data					
Product description	Max. lamp no. on circuit break. 16 A (B)	Luminous intensity	Light color (designation)	Nominal luminous flux	Rated luminous flux	Rated color temperature	Color rendering index Ra
PARATHOM PAR16 50 36° 4.3 W/830 GU10 ¹⁾		600 cd	Warm White				
P PAR16 2.6 W/827 GU10	842	400 cd	Warm White	230 lm	230 lm	2700 K	≥80
P PAR 16 50 36° 4.3 W/827 GU10 ¹⁾		720 cd	Warm White				
P PAR 16 80 6.9 W/827 GU10 ¹⁾		900 cd	Warm White				
P PAR 16 80 36° 6.9 W/830 GU10 ¹⁾		880 cd	Warm White				
P PAR16 2.6 W/830 GU10	842	400 cd	Warm White	230 lm	230 lm	3000 K	≥80
				Light technical data		Dimensions & weight	
Product description	Color temperature	Lumen main.fact.at end of nom.life time	Standard deviation of color matching	Beam angle	Starting time	Overall length	Product weight
PARATHOM PAR16 50 36° 4.3 W/830 GU10 ¹⁾				36 °		52.00 mm	37.00 g

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				Light technical data		Dimensions & weight	
Product description	Color temperature	Lumen main.fact.at end of nom.life time	Standard deviation of color matching	Beam angle	Starting time	Overall length	Product weight
P PAR16 2.6 W/827 GU10	2700 K	0.70	≤6 sdc	36 °	< 0.5 s	55.0 mm	43.00 g
P PAR 16 50 36° 4.3 W/827 GU10 ¹⁾				36 °		55.00 mm	45.00 g
P PAR 16 80 6.9 W/827 GU10 ¹⁾				36 °		55.00 mm	48.00 g
P PAR 16 80 36° 6.9 W/830 GU10 ¹⁾				36 °		52.00 mm	38.00 g
P PAR16 2.6 W/830 GU10	3000 K	0.70	≤6 sdc	36 °	< 0.5 s	55.0 mm	43.00 g

				Temperatures & operating conditions	Lifespan		
Product description	Diameter	Outer bulb	Length	Ambient temperature range	Lumen maintenance at end of service life	Nominal lamp life time	Rated lamp life time
PARATHOM PAR16 50 36° 4.3 W/830 GU10 ¹⁾				-20...+40 °C	0.7		
P PAR16 2.6 W/827 GU10	51.0 mm	PAR51	55.0 mm	-20...+40 °C	0.70	15000 h	15000 h
P PAR 16 50 36° 4.3 W/827 GU10 ¹⁾				-20...+40 °C	0.7		
P PAR 16 80 6.9 W/827 GU10 ¹⁾				-20...+40 °C	0.7		
P PAR 16 80 36° 6.9 W/830 GU10 ¹⁾				-20...+40 °C	0.7		
P PAR16 2.6 W/830 GU10	51.0 mm	PAR51	55.0 mm	-20...+40 °C	0.70	15000 h	15000 h

		Additional product data					Certificates & standards
Product description	Number of switching cycles	Predecessor EAN	Successor EAN	Base (standard designation)	Mercury-free	Product remark	Energy consumption
PARATHOM PAR16 50 36° 4.3 W/830 GU10 ¹⁾		4052899451735	4058075608115				5.00 kWh/1000h

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		Additional product data					Certificates & standards
Product description	Number of switching cycles	Predecessor EAN	Successor EAN	Base (standard designation)	Mercury-free	Product remark	Energy consumption
P PAR16 2.6 W/827 GU10	100000			GU10	Yes	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	3 kWh/1000h

Product family datasheet

		Additional product data					Certificates & standards
Product description	Number of switching cycles	Predecessor EAN	Successor EAN	Base (standard designation)	Mercury-free	Product remark	Energy consumption
P PAR 16 50 36° 4.3 W/827 GU10 ¹⁾		4052899958104	4058075608153		Yes	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	5.00 kWh/1000h

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Product description	Number of switching cycles	Additional product data					Certificates & standards
		Predecessor EAN	Successor EAN	Base (standard designation)	Mercury-free	Product remark	Energy consumption
P PAR 16 80 6.9 W/827 GU10 ¹⁾		4052899958173	4058075608894		Yes	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	7.00 kWh/1000h
P PAR 16 80 36° 6.9 W/830 GU10 ¹⁾		4058075815650	4058075608870				7.00 kWh/1000h

Product family datasheet

		Additional product data					Certificates & standards
Product description	Number of switching cycles	Predecessor EAN	Successor EAN	Base (standard designation)	Mercury-free	Product remark	Energy consumption
P PAR16 2.6 W/830 GU10	100000			GU10	Yes	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	3 kWh/1000h

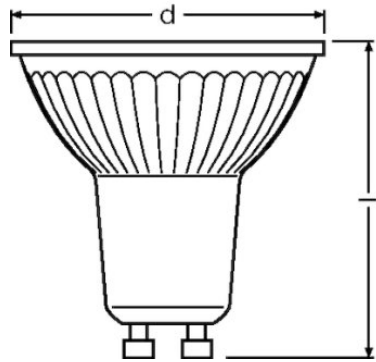
			Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
Product description	Energy efficiency class	Type of protection	Date of Declaration	Primary Article Identifier	Declaration No. in SCIP database
PARATHOM PAR16 50 36° 4.3 W/830 GU10 ¹⁾	F		18-04-2022	4058075608115	In work
P PAR16 2.6 W/827 GU10	F	IP20	18-04-2022	4058075259935 4058075608214	In work
P PAR 16 50 36° 4.3 W/827 GU10 ¹⁾	F		18-04-2022	4052899958104 4058075608153	In work

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			Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
Product description	Energy efficiency class	Type of protection	Date of Declaration	Primary Article Identifier	Declaration No. in SCIP database
P PAR 16 80 6.9 W/827 GU10 ¹⁾	F		18-04-2022	4052899958173 4058075608894	In work
P PAR 16 80 36° 6.9 W/830 GU10 ¹⁾	F		18-04-2022	4058075608870	In work
P PAR16 2.6 W/830 GU10	F	IP20	18-04-2022	4058075259911 4058075608191	In work

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

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PARATHOM PAR16 50 36° 4.3 W/830
GU10, P PAR16 2.6 W/827 GU10, P
PAR 16 50 36° 4.3 W/827 GU10, P PAR
16 80 6.9 W/827 GU10, P PAR 16 80
36° 6.9 W/830 GU10, P PAR16 2.6
W/830 GU10

Application advice

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

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Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075608115	PARATHOM PAR16 50 36° 4.3 W/830 GU10	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm ³	488.00 g
4058075608214	P PAR16 2.6 W/827 GU10	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm ³	488.00 g
4058075608153	P PAR 16 50 36° 4.3 W/827 GU10	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm ³	488.00 g
4058075608894	P PAR 16 80 6.9 W/827 GU10	Shipping carton box 10	255 mm x 107 mm x 72 mm	1.96 dm ³	503.00 g
4058075608870	P PAR 16 80 36° 6.9 W/830 GU10	Shipping carton box 10	255 mm x 107 mm x 72 mm	1.96 dm ³	498.00 g
4058075608191	P PAR16 2.6 W/830 GU10	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm ³	488.00 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

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For further products and actual information concerning LED lamps see

▶ www.osram.com/ledlamps

For Guarantee see <https://>

▶ www.inventronics-light.com/multilevel-guarantees

Disclaimer

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