

Product family datasheet

PARATHOM DIM PAR 16

Dimmable LED reflector lamps PAR16 with retrofit pin base



- Shops and exhibition rooms Domestic applications
Commercial applications Accent lighting Outdoor use in
outdoor luminaires only (minimum IP65)

- Quick, simple and safe replacement without rewiring Design, dimensions, luminous flux comparable to an incandescent or halogen lamp Low maintenance costs thanks to long lifetime No UV and near-IR radiation in the light beam Stepless dimming Very high dimmer compatibility, see also "www.ledvance.com/dim" Instant 100 % light, no warm-up time



Product family datasheet

Technical data

Product description	Electrical data						
	Rated wattage	Nominal wattage	Nominal voltage	Claimed equiv. conventional lamp power	Operating frequency	Nominal current	Max. lamp no. on circuit break. 16 A (B)
P DIM PAR16 3.4 W/927 GU10	3.40 W	3.40 W	220...240 V	35 W	50/60 Hz	0.026 A	379
P DIM PAR16 3.4 W/930 GU10	3.40 W	3.40 W	220...240 V	35 W	50/60 Hz	0.026 A	379
P DIM PAR16 5.5 W/940 GU10	5.50 W	5.50 W	220...240 V	50 W	50...60 Hz	0.032 A	226
P DIM PAR16 8.3 W/927 GU10	8.30 W	8.30 W	220...240 V	80 W	50/60 Hz	0.046 A	267
P DIM PAR16 8.3 W/940 GU10	8.30 W	8.30 W	220...240 V	80 W	50/60 Hz	0.046 A	267

Product description	Max. lamp no. on circuit break. 10 A (B)	Photometrical data					
		Nominal luminous flux	Rated luminous flux	Rated color temperature	Color rendering index Ra	Light color (designation)	Standard deviation of color matching
P DIM PAR16 3.4 W/927 GU10	237	230 lm	230 lm	2700 K	≥90	Warm White	≤5 sdcn
P DIM PAR16 3.4 W/930 GU10	237	230 lm	230 lm	3000 K	≥90	Warm White	≤5 sdcn
P DIM PAR16 5.5 W/940 GU10	141	350 lm	350 lm	4000 K	≥90	Cool White	≤5 sdcn
P DIM PAR16 8.3 W/927 GU10	167	550 lm	550 lm	2700 K	≥90	Warm White	≤5 sdcn
P DIM PAR16 8.3 W/940 GU10	167	550 lm	550 lm	4000 K	≥90	Cool White	≤5 sdcn

Product description	Color temperature	Lumen main.fact.at end of nom.life time	Light technical data		Dimensions & weight		
			Beam angle	Starting time	Overall length	Diameter	Outer bulb
P DIM PAR16 3.4 W/927 GU10	2700 K	0.70	36 °	< 0.5 s	54.0 mm	51.0 mm	PAR51
P DIM PAR16 3.4 W/930 GU10	3000 K	0.70	36 °	< 0.5 s	54.0 mm	51.0 mm	PAR51
P DIM PAR16 5.5 W/940 GU10	4000 K	0.70	36 °	< 0.5 s	55.0 mm	51.0 mm	PAR51
P DIM PAR16 8.3 W/927 GU10	2700 K	0.70	36 °	< 0.5 s	52.0 mm	50.0 mm	PAR51
P DIM PAR16 8.3 W/940 GU10	4000 K	0.70	36 °	< 0.5 s	52.0 mm	50.0 mm	PAR51

Product family datasheet

Product description	Product weight	Length	Temperatures & operating conditions	Lifespan			
			Ambient temperature range	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Lumen maintenance at end of service life
P DIM PAR16 3.4 W/927 GU10	38.00 g	54.0 mm	-20...+40 °C	25000 h	25000 h	100000	0.70
P DIM PAR16 3.4 W/930 GU10	48.00 g	54.0 mm	-20...+40 °C	25000 h	25000 h	100000	0.70
P DIM PAR16 5.5 W/940 GU10	48.00 g	55.0 mm	-20...+40 °C	25000 h	25000 h	100000	0.70
P DIM PAR16 8.3 W/927 GU10	56.00 g	52.0 mm	-20...+40 °C	25000 h	25000 h	100000	0.70
P DIM PAR16 8.3 W/940 GU10	56.00 g	52.0 mm	-20...+40 °C	25000 h	25000 h	100000	0.70

Product description	Additional product data					Capabilities	Certificates & standards
	Base (standard designation)	Mercury-free	Product remark	Successor EAN	Predecessor EAN	Dimmable	Type of protection
P DIM PAR16 3.4 W/927 GU10	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			Yes	IP20

Product family datasheet

Product description	Additional product data					Capabilities	Certificates & standards
	Base (standard designation)	Mercury-free	Product remark	Successor EAN	Predecessor EAN	Dimmable	Type of protection
P DIM PAR16 3.4 W/930 GU10	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			Yes	IP20

Product family datasheet

Product description	Additional product data					Capabilities	Certificates & standards
	Base (standard designation)	Mercury-free	Product remark	Successor EAN	Predecessor EAN	Dimmable	Type of protection
P DIM PAR16 5.5 W/940 GU10	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	4058075608252	4058075260054	Yes	IP20

Product family datasheet

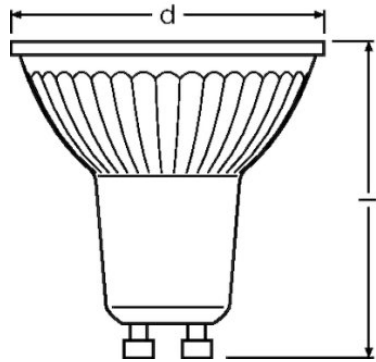
Product description	Additional product data					Capabilities	Certificates & standards
	Base (standard designation)	Mercury-free	Product remark	Successor EAN	Predecessor EAN	Dimmable	Type of protection
P DIM PAR16 8.3 W/927 GU10	GU10	Yes	All technical parameters apply to the entire lamp/Due to the complex 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	4058075609136	4058075095489, 4058075449282	Yes	IP20

Product family datasheet

Product description	Additional product data					Capabilities	Certificates & standards
	Base (standard designation)	Mercury-free	Product remark	Successor EAN	Predecessor EAN	Dimmable	Type of protection
P DIM PAR16 8.3 W/940 GU10	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	4058075609099	4058075095441, 4058075449244	Yes	IP20

Product description	Energy efficiency class	Energy consumption	Country specific categorizations
			Order reference
P DIM PAR16 3.4 W/927 GU10	G	4 kWh/1000h	LPPAR16D3536 3,
P DIM PAR16 3.4 W/930 GU10	G	4 kWh/1000h	LPPAR16D3536 3,
P DIM PAR16 5.5 W/940 GU10	F	6 kWh/1000h	LPPAR16D5036 5,
P DIM PAR16 8.3 W/927 GU10	G	9 kWh/1000h	LPPAR16D8036 8,
P DIM PAR16 8.3 W/940 GU10	G	9 kWh/1000h	LPPAR16D8036 8,

Product family datasheet



P DIM PAR16 3.4 W/927 GU10, P DIM
PAR16 3.4 W/930 GU10, P DIM PAR16
5.5 W/940 GU10, P DIM PAR16 8.3
W/927 GU10, P DIM PAR16 8.3 W/940
GU10

Application advice

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

Logistical Data

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

Product family datasheet

Logistical Data

4058075259973	P DIM PAR16 3.4 W/927 GU10	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm ³	498.00 g
4058075259959	P DIM PAR16 3.4 W/930 GU10	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm ³	598.00 g
4058075260054	P DIM PAR16 5.5 W/940 GU10	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm ³	598.00 g
4058075449282	P DIM PAR16 8.3 W/927 GU10	Shipping carton box 10	255 mm x 107 mm x 72 mm	1.96 dm ³	683.00 g
4058075449244	P DIM PAR16 8.3 W/940 GU10	Shipping carton box 10	255 mm x 107 mm x 72 mm	1.96 dm ³	683.00 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 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.

OSRAM is distribution partner
of LEDVANCE of LAMPS

OSRAM

OSRAM GmbH
Marcel-Breuer-Strasse 6
80807 Munich, Germany