

Product family datasheet

PARATHOM MR16 DIM

Dimmable low-voltage LED reflector lamps MR16 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" Compatible with many common conventional and electronic control gears (see also "compatibility list") Instant 100 % light, no warm-up time



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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. 16 A (B)
P MR16 DIM 3.4 W/927 GU5.3	20 W	0 Hz	310 mA				
P MR16 DIM 8 W/927 GU5.3	50 W	50/60 Hz	0.72 A	8.00 W	8.00 W	12 V	36
		Photometrical data					
Product description	Max. lamp no. on circuit break. 10 A (B)	Luminous intensity	Light color (designation)	Nominal luminous flux	Rated luminous flux	Rated color temperature	Color rendering index Ra
P MR16 DIM 3.4 W/927 GU5.3		560 cd	Warm White				
P MR16 DIM 8 W/927 GU5.3	22	1000 cd	Warm White	550 lm	550 lm	2700 K	≥90
				Light technical data		Dimensions & weight	
Product description	Lumen main.fact.at end of nom.life time	Standard deviation of color matching	Color temperature	Beam angle	Starting time	Overall length	Product weight
P MR16 DIM 3.4 W/927 GU5.3				36 °		46.00 mm	35.00 g
P MR16 DIM 8 W/927 GU5.3	0.70	≤5 sdcm	2700 K	36 °	< 0.5 s	46.0 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
P MR16 DIM 3.4 W/927 GU5.3				-20...+40 °C	0.7		
P MR16 DIM 8 W/927 GU5.3	51.0 mm	MR51	46.0 mm	-20...+40 °C	0.70	25000 h	25000 h

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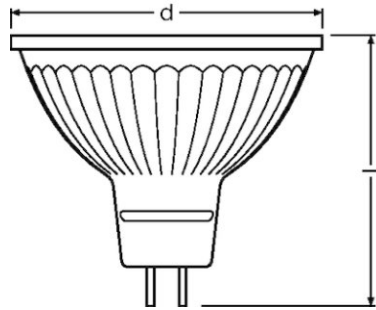
		Additional product data					Certificates & standards
Product description	Number of switching cycles	Mercury-free	Predecessor EAN	Product remark	Base (standard designation)	Successor EAN	Energy efficiency class
P MR16 DIM 3.4 W/927 GU5.3		Yes	4058075094871	All technical parameters apply to the entire 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			G

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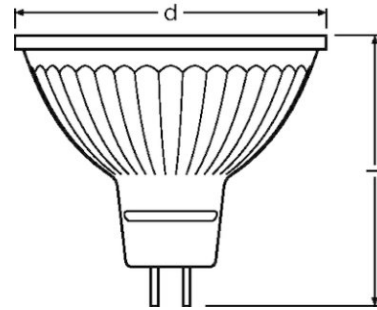
		Additional product data					Certificates & standards
Product description	Number of switching cycles	Mercury-free	Predecessor EAN	Product remark	Base (standard designation)	Successor EAN	Energy efficiency class
P MR16 DIM 8 W/927 GU5.3	100000	Yes	4058075095120, 4058075449466	All technical parameters apply 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	GU5.3	4058075609310	G

			Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
Product description	Energy consumption	Type of protection	Date of Declaration	Primary Article Identifier	Declaration No. in SCIP database
P MR16 DIM 3.4 W/927 GU5.3	4.00 kWh/1000h		14-10-2022	4058075431577 4058075796454	In work
P MR16 DIM 8 W/927 GU5.3	9 kWh/1000h	IP20	18-04-2022	4058075449466 4058075609310	In work

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P MR16 DIM 3.4 W/927 GU5.3



P MR16 DIM 8 W/927 GU5.3

Application advice

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

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.

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Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075796454	P MR16 DIM 3.4 W/927 GU5.3	Shipping carton box 10	255 mm x 107 mm x 72 mm	1.96 dm ³	480.00 g
4058075609310	P MR16 DIM 8 W/927 GU5.3	Shipping carton box 10	255 mm x 107 mm x 72 mm	1.96 dm ³	553.00 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.

Disclaimer

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

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