

# Product family datasheet

## PARATHOM Retrofit CLASSIC P DIM

Dimmable LED lamps, classic bulb shape



- Perfect for decorative installations Domestic applications  
General illumination Outdoor use in outdoor luminaires  
only (minimum IP65)

- Design, dimensions, luminous flux comparable to an incandescent lamp Very low energy consumption Robust against vibrations Lamps with innovative LED "filament" technology Instant 100 % light, no warm-up time Can be easily fitted instead of ordinary light bulbs



Technical data

Product description	Electrical data						
	Operating frequency	Claimed equiv. conventional lamp power	Nominal current	Rated wattage	Nominal wattage	Nominal voltage	Power factor λ
P RF CLAS P DIM 280 W/827 E14 <sup>1)</sup>	50...60 Hz	25 W	13 mA				
P RF CLAS P DIM 280 W/827 E27 <sup>1)</sup>	50...60 Hz	25 W	13 mA				
P RF CLAS P DIM 500 W/827 E14 <sup>1)</sup>	50...60 Hz	40 W	0.025 A	5.00 W	5.00 W	220...240 V	> 0,70
P RF CLAS P DIM 500 W/827 E27 <sup>1)</sup>	50...60 Hz	40 W	0.025 A	5.00 W	5.00 W	220...240 V	> 0,70

Product description	Max. lamp no. on circuit break. 10 A (B)	Max. lamp no. on circuit break. 16 A (B)	Photometrical data				
			Light color (designation)	Nominal luminous flux	Rated luminous flux	Rated color temperature	Color rendering index Ra
P RF CLAS P DIM 280 W/827 E14 <sup>1)</sup>			Warm White				
P RF CLAS P DIM 280 W/827 E27 <sup>1)</sup>			Warm White				
P RF CLAS P DIM 500 W/827 E14 <sup>1)</sup>	100	150	Warm White	470 lm	470 lm	2700 K	≥80
P RF CLAS P DIM 500 W/827 E27 <sup>1)</sup>	100	150	Warm White	470 lm	470 lm	2700 K	≥80

Product description	Color temperature	Lumen main.fact.at end of nom.life time	Standard deviation of color matching	Light technical data			Dimensions & weight
				Beam angle	Warm-up time (60 %)	Starting time	Overall length
P RF CLAS P DIM 280 W/827 E14 <sup>1)</sup>				320 °			78.00 mm
P RF CLAS P DIM 280 W/827 E27 <sup>1)</sup>				320 °			77.00 mm
P RF CLAS P DIM 500 W/827 E14 <sup>1)</sup>	2700 K	0.70	≤6 sdc	320.00 °	< 0,50 s	< 0.5 s	78.0 mm
P RF CLAS P DIM 500 W/827 E27 <sup>1)</sup>	2700 K	0.70	≤6 sdc	320.00 °	< 0,50 s	< 0.5 s	77.0 mm

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					Temperatures & operating conditions	Lifespan	
Product description	Product weight	Diameter	Outer bulb	Length	Ambient temperature range	Lumen maintenance at end of service life	Nominal lamp life time
P RF CLAS P DIM 280 W/827 E14 <sup>1)</sup>	13.00 g				-20...+40 °C	0.7	
P RF CLAS P DIM 280 W/827 E27 <sup>1)</sup>	18.00 g				-20...+40 °C	0.7	
P RF CLAS P DIM 500 W/827 E14 <sup>1)</sup>	13.00 g	45.0 mm	P45	78.0 mm	-20...+40 °C	0.70	15000 h
P RF CLAS P DIM 500 W/827 E27 <sup>1)</sup>	18.00 g	45.0 mm	P45	77.0 mm	-20...+40 °C	0.70	15000 h

			Additional product data				
Product description	Rated lamp life time	Number of switching cycles	Mercury-free	Product remark	Base (standard designation)	Predecessor EAN	Successor EAN
P RF CLAS P DIM 280 W/827 E14 <sup>1)</sup>			Yes	Dimmable (with many common dimmers, see also <a href="http://www.ledvance.com/dim">www.ledvance.com/dim</a> )			
P RF CLAS P DIM 280 W/827 E27 <sup>1)</sup>			Yes	Dimmable (with many common dimmers, see also <a href="http://www.ledvance.com/dim">www.ledvance.com/dim</a> )			

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			Additional product data				
Product description	Rated lamp life time	Number of switching cycles	Mercury-free	Product remark	Base (standard designation)	Predecessor EAN	Successor EAN
P RF CLAS P DIM 500 W/827 E14 <sup>1)</sup>	15000 h	100000	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/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	E14	4058075439313	4058075591196

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			Additional product data				
Product description	Rated lamp life time	Number of switching cycles	Mercury-free	Product remark	Base (standard designation)	Predecessor EAN	Successor EAN
				luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance)			

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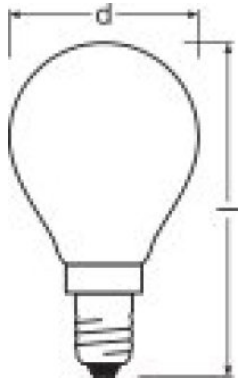
			Additional product data				
Product description	Rated lamp life time	Number of switching cycles	Mercury-free	Product remark	Base (standard designation)	Predecessor EAN	Successor EAN
P RF CLAS P DIM 500 W/827 E27 <sup>1)</sup>	15000 h	100000	Yes	All technical parameters apply to the entire lamp/Due to 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/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	E27	4058075438897	4058075590779

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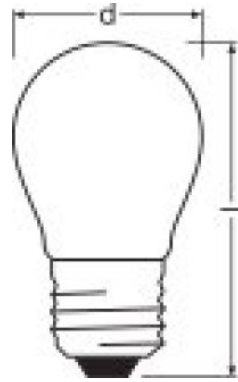
			Additional product data				
Product description	Rated lamp life time	Number of switching cycles	Mercury-free	Product remark	Base (standard designation)	Predecessor EAN	Successor EAN
				luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance)			
			Certificates & standards		Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
Product description	Energy efficiency class	Energy consumption	Type of protection	Date of Declaration	Primary Article Identifier	Declaration No. in SCIP database	
P RF CLAS P DIM 280 W/827 E14 <sup>1)</sup>	F	3.00 kWh/1000h		18-04-2022	4058075591134	In work	
P RF CLAS P DIM 280 W/827 E27 <sup>1)</sup>	F	3.00 kWh/1000h		18-04-2022	4058075590816	In work	
P RF CLAS P DIM 500 W/827 E14 <sup>1)</sup>	A+	5 kWh/1000h	IP20	18-04-2022	4058075439313   4058075591196	In work	
P RF CLAS P DIM 500 W/827 E27 <sup>1)</sup>	F	5 kWh/1000h	IP20	18-04-2022	4058075438897   4058075590779	In work	

<sup>1)</sup> 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

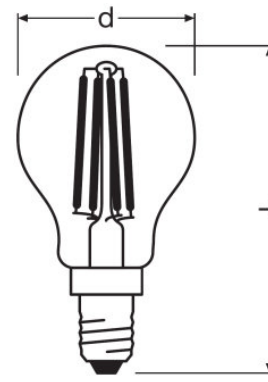
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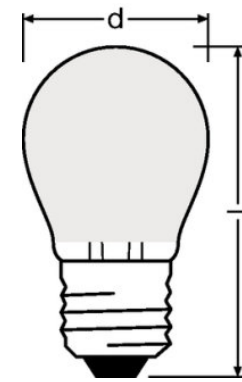
P RF CLAS P DIM 280 W/827 E14



P RF CLAS P DIM 280 W/827 E27



P RF CLAS P DIM 500 W/827 E14



P RF CLAS P DIM 500 W/827 E27

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### 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
4058075591134	P RF CLAS P DIM 280 W/827 E14	Shipping carton box 10	240 mm x 101 mm x 108 mm	2.62 dm <sup>3</sup>	288.00 g
4058075590816	P RF CLAS P DIM 280 W/827 E27	Shipping carton box 10	240 mm x 101 mm x 108 mm	2.62 dm <sup>3</sup>	338.00 g
4058075591196	P RF CLAS P DIM 500 W/827 E14	Shipping carton box 10	240 mm x 101 mm x 108 mm	2.62 dm <sup>3</sup>	288.00 g
4058075590779	P RF CLAS P DIM 500 W/827 E27	Shipping carton box 10	240 mm x 101 mm x 108 mm	2.62 dm <sup>3</sup>	338.00 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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