

# Product family datasheet

## PARATHOM Retrofit CLASSIC A 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 or halogen lamp Very low energy consumption Robust against vibrations No UV and near-IR radiation in the light beam Instant 100 % light, no warm-up time No UV and near-IR radiation in the light beam Can be easily fitted instead of ordinary light bulbs
- Caratteristiche prodotto Lampade LED professionali a tensione di rete Ampiezza del fascio luminoso: fino a 300° Dimmerabile Attacco: E27, B22d Durata: fino a 15.000 ore Lampada in vetro Buona qualità della luce; indice di resa del colore Ra:  $\geq 80$ ; cromaticità costante Vantaggi prodotto Forma, dimensioni, flusso luminoso simili a quelli delle lampade alogene o a incandescenza Bassissimo consumo di energia Resistente alle vibrazioni Assenza di emissioni UV e IR nel fascio di luce Luce istantanea al 100%, senza ritardi nel raggiungimento del regime luminoso Assenza di emissioni UV e IR nel fascio di luce Può essere montata facilmente al posto delle lampadine tradizionali Aree applicative Perfetto per le installazioni decorative Applicazioni domestiche Illuminazione generale Solo uso per esterni in apparecchi di illuminazione dedicati (minimo IP65)



Product family datasheet

Technical data

Product description	Electrical data						
	Rated wattage	Nominal wattage	Nominal voltage	Operating frequency	Nominal current	Claimed equiv. conventional lamp power	Max. lamp no. on circuit break. 16 A (B)
P RF CLAS A DIM 500 W/827 E27 <sup>1)</sup>	5,00 W	5,00 W	220...240 V	50...60 Hz	25 mA	40 W	736
P RF CLAS A DIM 700 W/840 E27 <sup>1)</sup>	7.00 W	7.00 W	220...240 V	50...60 Hz	0.044 A	60 W	120

Product description	Max. lamp no. on circuit break. 10 A (B)	Power factor λ	Photometrical data				
			Nominal luminous flux	Rated luminous flux	Rated color temperature	Color rendering index Ra	Light color (designation)
P RF CLAS A DIM 500 W/827 E27 <sup>1)</sup>	460	> 0,70	470 lm	470 lm	2700 K	≥80	Warm White
P RF CLAS A DIM 700 W/840 E27 <sup>1)</sup>	80		806 lm	806 lm	4000 K	≥80	Cool White

Product description	Standard deviation of color matching	Lumen main.fact.at end of nom.life time	Color temperature	Light technical data			Dimensions & weight
				Warm-up time (60 %)	Starting time	Beam angle	Overall length
P RF CLAS A DIM 500 W/827 E27 <sup>1)</sup>	≤6 sdcn	0,70	2700 K	< 0,50 s	< 0,5 s	320 °	105.00 mm
P RF CLAS A DIM 700 W/840 E27 <sup>1)</sup>	≤6 sdcn	0.70	4000 K		< 0.5 s	320.00 °	105.0 mm

Product description	Diameter	Outer bulb	Length	Product weight	Temperatures & operating conditions	Lifespan	
					Ambient temperature range	Nominal lamp life time	Rated lamp life time
P RF CLAS A DIM 500 W/827 E27 <sup>1)</sup>	60,0 mm	A60	105,0 mm	32.00 g	-20...+40 °C	15000 h	15000 h
P RF CLAS A DIM 700 W/840 E27 <sup>1)</sup>	60.0 mm	A60	105.0 mm	32.00 g	-20...+40 °C	15000 h	15000 h

Product family datasheet

			Additional product data				
Product description	Number of switching cycles	Lumen maintenance at end of service life	Base (standard designation)	Mercury-free	Predecessor EAN	Successor EAN	Product remark
P RF CLAS A DIM 500 W/827 E27 <sup>1)</sup>	100000	0.7	E27	Yes	4058075287303, 4058075439276	4058075591158	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

Product family datasheet

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

Product family datasheet

			Additional product data				
Product description	Number of switching cycles	Lumen maintenance at end of service life	Base (standard designation)	Mercury-free	Predecessor EAN	Successor EAN	Product remark
P RF CLAS A DIM 700 W/840 E27 <sup>1)</sup>	100000	0.70	E27	Yes	4058075438958	4058075590830	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

Product family datasheet

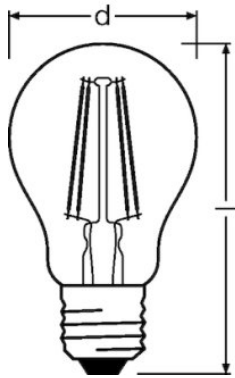
			Additional product data				
Product description	Number of switching cycles	Lumen maintenance at end of service life	Base (standard designation)	Mercury-free	Predecessor EAN	Successor EAN	Product remark
							luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or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

	Capabilities	Certificates & standards			Country specific categorizations	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Product description	Dimmable	Energy efficiency class	Energy consumption	Type of protection	Order reference	Date of Declaration	Primary Article Identifier
P RF CLAS A DIM 500 W/827 E27 <sup>1)</sup>	Si	F	5.00 kWh/1000h	IP20	LEDPCA40D 5W/8	18-04-2022	4058075439276   4058075591158
P RF CLAS A DIM 700 W/840 E27 <sup>1)</sup>	Yes	E	7 kWh/1000h	IP20	LEDPCA60D 7W/8	18-04-2022	4058075438958   4058075590830

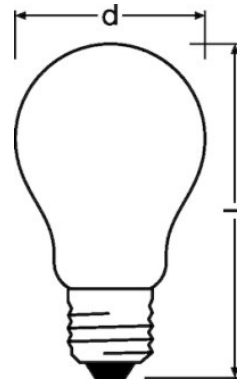
Product description	Declaration No. in SCIP database
P RF CLAS A DIM 500 W/827 E27 <sup>1)</sup>	In work
P RF CLAS A DIM 700 W/840 E27 <sup>1)</sup>	In work

<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 R F CLAS A DIM 500 W/827 E27



P R F CLAS A DIM 700 W/840 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.

Product family datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075591158	P RF CLAS A DIM 500 W/827 E27	Shipping carton box 10	315 mm x 131 mm x 126 mm	5.20 dm <sup>3</sup>	554.00 g
4058075590830	P RF CLAS A DIM 700 W/840 E27	Shipping carton box 10	315 mm x 131 mm x 126 mm	5.20 dm <sup>3</sup>	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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