

Product family datasheet

PARATHOM CLASSIC A

LED lamps, classic bulb shape



- Domestic applications General illumination Outdoor use in outdoor luminaires only (minimum IP65)

- Low energy consumption Easy replacement of classic lamps thanks to compact design Instant 100 % light, no warm-up time



Product family datasheet

Technical data

Product description	Electrical data						
	Rated wattage	Nominal wattage	Nominal voltage	Operating frequency	Claimed equiv. conventional lamp power	Max. lamp no. on circuit break. 10 A (B)	Max. lamp no. on circuit break. 16 A (B)
P CLAS A 13 W/827 E27 ¹⁾	13.00 W	13.00 W	220...240 V	50...60 Hz	100 W	74	118
P CLAS A 13 W/840 E27 ¹⁾				50...60 Hz	100 W		
P CLAS A 19 W/827 E27 ¹⁾	19.00 W	19.00 W	220...240 V	50...60 Hz	150 W	29	48
P CLAS A 5.5 W/827 E27 ¹⁾				50...60 Hz	40 W		
P CLAS A 8.5 W/827 E27 ¹⁾				50...60 Hz	60 W		
P CLAS A 10 W/827 E27 ¹⁾				50...60 Hz	75 W		
P CLAS A 10 W/840 E27 ¹⁾	10.00 W	10.00 W	220...240 V	50...60 Hz	75 W	92	147

Product description	Nominal current	Photometrical data					
		Nominal luminous flux	Rated luminous flux	Rated color temperature	Color rendering index Ra	Light color (designation)	Color temperature
P CLAS A 13 W/827 E27 ¹⁾	0.108 A	1521 lm	1521 lm	2700 K	≥80	Warm White	2700 K
P CLAS A 13 W/840 E27 ¹⁾	108 mA					Cool White	
P CLAS A 19 W/827 E27 ¹⁾	0.16 A	2452 lm	2452 lm	2700 K	≥80	Warm White	2700 K
P CLAS A 5.5 W/827 E27 ¹⁾	43 mA					Warm White	
P CLAS A 8.5 W/827 E27 ¹⁾	67 mA					Warm White	
P CLAS A 10 W/827 E27 ¹⁾	84 mA					Warm White	
P CLAS A 10 W/840 E27 ¹⁾	0.084 A	1055 lm	1055 lm	4000 K	≥80	Cool White	4000 K

Product description	Lumen main.fact.at end of nom.life time	Standard deviation of color matching	Light technical data		Dimensions & weight		
			Starting time	Beam angle	Overall length	Diameter	Outer bulb
P CLAS A 13 W/827 E27 ¹⁾	0.70	≤6 sdcn	< 0.5 s	200 °	118.0 mm	60.0 mm	A60
P CLAS A 13 W/840 E27 ¹⁾				200 °	118.00 mm		

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Product description	Lumen main.fact.at end of nom.life time	Standard deviation of color matching	Light technical data		Dimensions & weight		
			Starting time	Beam angle	Overall length	Diameter	Outer bulb
P CLAS A 19 W/827 E27 ¹⁾	0.70	≤6 sdcn	< 0.5 s	150 °	128.0 mm	68.0 mm	A67
P CLAS A 5.5 W/827 E27 ¹⁾				200 °	95.00 mm		
P CLAS A 8.5 W/827 E27 ¹⁾				200 °	113.00 mm		
P CLAS A 10 W/827 E27 ¹⁾				200 °	118.00 mm		
P CLAS A 10 W/840 E27 ¹⁾	0.70	≤6 sdcn	< 0.5 s	200 °	118.0 mm	60.0 mm	A60

Product description	Length	Product weight	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 CLAS A 13 W/827 E27 ¹⁾	118.0 mm	45.00 g	-20...+40 °C	15000 h	15000 h	100000	0.70
P CLAS A 13 W/840 E27 ¹⁾		45.00 g	-20...+40 °C				0.7
P CLAS A 19 W/827 E27 ¹⁾	128.0 mm	72.00 g	-15...+40 °C	15000 h	15000 h	100000	0.70
P CLAS A 5.5 W/827 E27 ¹⁾		22.00 g	-20...+40 °C				0.7
P CLAS A 8.5 W/827 E27 ¹⁾		28.00 g	-20...+40 °C				0.7
P CLAS A 10 W/827 E27 ¹⁾		32.00 g	-20...+40 °C				0.7
P CLAS A 10 W/840 E27 ¹⁾	118.0 mm	32.00 g	-20...+40 °C	15000 h	15000 h	100000	0.70

Product family datasheet

Product description	Additional product data					Capabilities	Certificates & standards
	Base (standard designation)	Mercury-free	Product remark	Predecessor EAN	Successor EAN	Dimmable	Energy efficiency class
P CLAS A 13 W/827 E27 ¹⁾	E27	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	4058075463240	4058075593138	No	F

Product family datasheet

Product description	Additional product data					Capabilities	Certificates & standards
	Base (standard designation)	Mercury-free	Product remark	Predecessor EAN	Successor EAN	Dimmable	Energy efficiency class
P CLAS A 13 W/840 E27 ¹⁾		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	4058075463264	4058075593152		F

Product family datasheet

Product description	Additional product data					Capabilities	Certificates & standards
	Base (standard designation)	Mercury-free	Product remark	Predecessor EAN	Successor EAN	Dimmable	Energy efficiency class
P CLAS A 19 W/827 E27 ¹⁾	E27	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	4058075463127, 4058075292536	4058075593077	No	E

Product family datasheet

Product description	Additional product data					Capabilities	Certificates & standards
	Base (standard designation)	Mercury-free	Product remark	Predecessor EAN	Successor EAN	Dimmable	Energy efficiency class
P CLAS A 5.5 W/827 E27 ¹⁾		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	4058075292277, 4058075463165	4058075593275		F

Product family datasheet

Product description	Additional product data					Capabilities	Certificates & standards
	Base (standard designation)	Mercury-free	Product remark	Predecessor EAN	Successor EAN	Dimmable	Energy efficiency class
P CLAS A 8.5 W/827 E27 ¹⁾		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	4058075463288, 4058075291966	4058075593176		F

Product family datasheet

Product description	Additional product data					Capabilities	Certificates & standards
	Base (standard designation)	Mercury-free	Product remark	Predecessor EAN	Successor EAN	Dimmable	Energy efficiency class
P CLAS A 10 W/827 E27 ¹⁾		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	4058075463202, 4058075292024	4058075593091		F

Product family datasheet

Product description	Additional product data					Capabilities	Certificates & standards
	Base (standard designation)	Mercury-free	Product remark	Predecessor EAN	Successor EAN	Dimmable	Energy efficiency class
P CLAS A 10 W/840 E27 ¹⁾	E27	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	4058075463226, 4058075292048	4058075593114	No	F

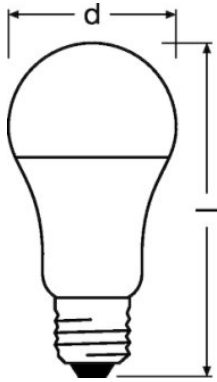
Product description	Type of protection	Energy consumption	Country specific categorizations	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (RECh)		
			Order reference	Date of Declaration	Primary Article Identifier	Declaration No. in SCIP database
P CLAS A 13 W/827 E27 ¹⁾	IP20	13 kWh/1000h	LEDPCLA100 13W/	18-04-2022	4058075463240 4058075593138	In work
P CLAS A 13 W/840 E27 ¹⁾		13.00 kWh/1000h		18-04-2022	4058075463264 4058075593152	In work
P CLAS A 19 W/827 E27 ¹⁾	IP20	19 kWh/1000h	LEDPCLA150 19W/	18-04-2022	4058075463127 4058075593077	In work

Product family datasheet

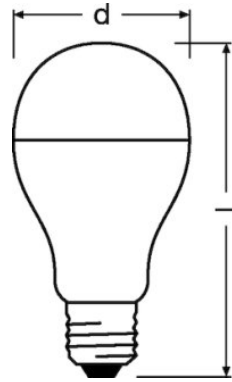
Product description	Type of protection	Energy consumption	Country specific categorizations	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
			Order reference	Date of Declaration	Primary Article Identifier	Declaration No. in SCIP database
P CLAS A 5.5 W/827 E27 ¹⁾		6.00 kWh/1000h		18-04-2022	4058075463165 4058075593275	In work
P CLAS A 8.5 W/827 E27 ¹⁾		9.00 kWh/1000h		18-04-2022	4058075463288 4058075593176	In work
P CLAS A 10 W/827 E27 ¹⁾		10.00 kWh/1000h		18-04-2022	4058075463202 4058075593091	In work
P CLAS A 10 W/840 E27 ¹⁾	IP20	10 kWh/1000h	LEDPCA75 10W/8	18-04-2022	4058075463226 4058075593114	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

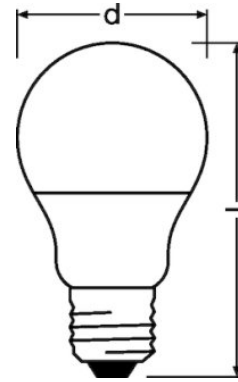
Product family datasheet



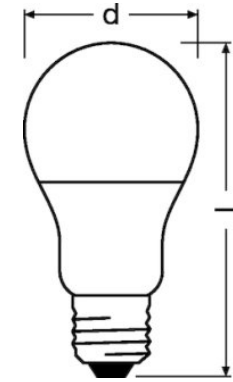
P CLAS A 13 W/827 E27, P CLAS A 13 W/840 E27



P CLAS A 19 W/827 E27

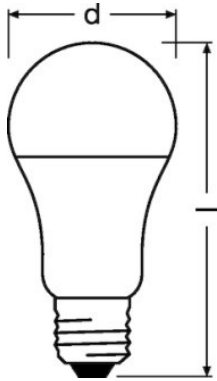


P CLAS A 5.5 W/827 E27



P CLAS A 8.5 W/827 E27

Product family datasheet



P CLAS A 10 W/827 E27, P CLAS A 10
W/840 E27

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
4058075593138	P CLAS A 13 W/827 E27	Shipping carton box 10	319 mm x 133 mm x 138 mm	5.85 dm ³	672.00 g
4058075593152	P CLAS A 13 W/840 E27	Shipping carton box 10	319 mm x 133 mm x 138 mm	5.85 dm ³	672.00 g
4058075593077	P CLAS A 19 W/827 E27	Shipping carton box 10	366 mm x 151 mm x 150 mm	8.29 dm ³	1180.00 g
4058075593275	P CLAS A 5.5 W/827 E27	Shipping carton box 10	290 mm x 119 mm x 110 mm	3.80 dm ³	423.00 g
4058075593176	P CLAS A 8.5 W/827 E27	Shipping carton box 10	319 mm x 133 mm x 133 mm	5.64 dm ³	519.00 g
4058075593091	P CLAS A 10 W/827 E27	Shipping carton box 10	319 mm x 133 mm x 138 mm	5.85 dm ³	562.00 g
4058075593114	P CLAS A 10 W/840 E27	Shipping carton box 10	319 mm x 133 mm x 138 mm	5.85 dm ³	562.00 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 further products and actual information concerning LED lamps see

▶ www.osram.com/ledlamps

For Guarantee see <https://>

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

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