Product family datasheet
PARATHOM LED PIN G4 12 V

Low-voltage 12 V LED lamps with retrofit pin base G4

Product family datasheet

Technical data

Product description	Electrical data						
	Nominal current	Claimed equiv. conventional lamp power	Operating frequency	Rated wattage	Nominal wattage	Nominal voltage	Max. lamp no. on circuit break. 16 A (B)
P PIN 20 1.8 W/827 G4 [1]	230 mA	20 W					
P PIN 28 2.4 W/827 G4 [1]	300 mA	28 W	50/60 Hz				
P L PIN G4 0.9 W/827 G4 [1]	0.13 A	10 W		0.90 W	0.90 W	12 V	61

Product description		Photometrical data					
	Max. lamp no. on circuit break. 10 A (B)	Light color (designation)	Nominal luminous flux	Rated luminous flux	Rated color temperature	Color rendering index Ra	Standard deviation of color matching
P PIN 20 1.8 W/827 G4 [1]		Warm White					
P PIN 28 2.4 W/827 G4 [1]		Warm White					
P L PIN G4 0.9 W/827 G4 [1]	48	Warm White	100 lm	100 lm	2700 K	≥80	≤6 sdcm

Product description			Light technical data		Dimensions & weight		
	Lumen main.fact.at end of nom.life time	Color temperature	Beam angle	Starting time	Overall length	Product weight	Diameter
P PIN 20 1.8 W/827 G4 [1]			320 °		36.00 mm	3.00 g	
P PIN 28 2.4 W/827 G4 [1]			300 °		44.00 mm	4.5 g	
P L PIN G4 0.9 W/827 G4 [1]	0.70	2700 K	300.00 °	< 0.5 s	33.0 mm	2.60 g	12.0 mm

Product description			Temperatures & operating conditions	Lifespan			
	Outer bulb	Length	Ambient temperature range	Lumen maintenance at end of service life	Nominal lamp life time	Rated lamp life time	Number of switching cycles
P PIN 20 1.8 W/827 G4 [1]			-20...+40 °C	0.7			
P PIN 28 2.4 W/827 G4 [1]			-20...+40 °C	0.7			

Product description	Outer bulb	Length	Temperatures & operating conditions	Lifespan			
			Ambient temperature range	Lumen maintenance at end of service life	Nominal lamp life time	Rated lamp life time	Number of switching cycles
P L PIN G4 0.9 W/827 G4 [1)]	T12	33.0 mm	-20...+40 °C	0.70	15000 h	15000 h	100000

| Product description	Additional product data				Certificates & standards		
	Mercury-free	Predecessor EAN	Successor EAN	Base (standard designation)	Energy efficiency class	Energy consumption	Type of protection
P PIN 20 1.8 W/827 G4 [1)]	Yes	4058075811430	4058075622692		F	2.00 kWh/1000h	
P PIN 28 2.4 W/827 G4 [1)]	Yes		4058075432048		A++	3.00 kWh/1000h	
P L PIN G4 0.9 W/827 G4 [1)]	Yes			G4	A++	1 kWh/1000h	IP20

Product description	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)			Country specific categorizations
	Date of Declaration	Primary Article Identifier	Declaration No. in SCIP database	Order reference
P PIN 20 1.8 W/827 G4 [1)]	18-04-2022	4058075811430 | 4058075622692	In work	
P PIN 28 2.4 W/827 G4 [1)]	18-04-2022	4058075811492	In work	
P L PIN G4 0.9 W/827 G4 [1)]	18-04-2022	4058075811959	In work	LEDPPIN10 CL 0,

[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
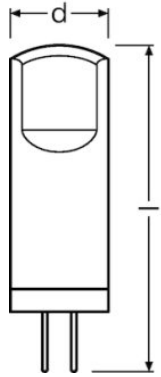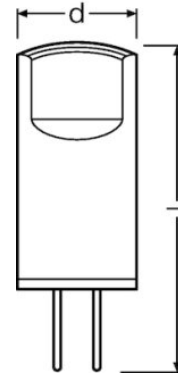
P PIN 20 1.8 W/827 G4
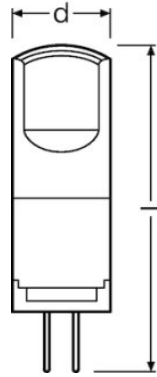
P PIN 28 2.4 W/827 G4

P L PIN G4 0.9 W/827 G4

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.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075622692	P PIN 20 1.8 W/827 G4	Shipping carton box 20	150 mm x 122 mm x 77 mm	1.41 dm³	186.00 g
4058075811430	P PIN 20 1.8 W/827 G4	Shipping carton box 20	150 mm x 122 mm x 77 mm	1.41 dm³	198.00 g
4058075811492	P PIN 28 2.4 W/827 G4	Shipping carton box 20	150 mm x 122 mm x 77 mm	1.41 dm³	226.00 g
4058075811959	P L PIN G4 0.9 W/827 G4	Shipping carton box 20	150 mm x 122 mm x 77 mm	1.41 dm³	188.00 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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