

PRODUCT DATASHEET P RF CLAS ST 40 4 W/2700 K E27

PARATHOM® CLASSIC ST | LED lamps, classic Edison bulb shape



Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Lamps with innovative LED "filament" technology
- Very low energy consumption
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs

Product features

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime up to 15,000 h
- Beam angle: up to 360°
- Lamp made of glass
- Good quality of light; color rendering index R_a : \geq 80; constant chromaticity





TECHNICAL DATA

Electrical data

Nominal wattage	4 W
Construction wattage	4.00 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	32 mA
Type of current	AC
Inrush current	3.7 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	100
Max. lamp number on MCB B16 A	150
Power factor λ	> 0.40

Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	117 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80

Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	143.00 mm
Diameter	64.00 mm
Maximum diameter	64 mm

Product weight	46.00 g	
Temperatures & operating conditions		
Ambient temperature range	-20+40 °C	
Maximum temperature at to test point	50 °C	
Lifespan		
Number of switching cycles	100000	
Lumen maintenance at end of service lifetime	0.70	
Rated lamp survival factor at 6,000 h	≥ 0.90	
Additional product data		
Base (standard designation)	E27	
Mercury content	0.0 mg	
Mercury-free	Yes	
Product remark	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	
Capabilities		
Dimmable	No	
Certificates & Standards		
Energy efficiency class	E 1)	
Energy consumption	4.00 kWh/1000h	
Type of protection	IP20	
Standards	CE	
Photobiological safety group acc. to EN62778	RG1	
1) Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowe	rest efficiency)	
Country-specific categorizations		
Order reference	LEDISON40P 4W/8	
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Energy labelling regulation data acc EU 2019/2015		
Light source cap-type (or other electric interface)	E27	

143.00 mm

Length

Height	64.00 mm
Width	64.00 mm
EPREL ID	1403388
Model number	AC24314

Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075438750	Folding box 1	65 mm x 65 mm x 147 mm	64.00 g	0.62 dm ³
4058075438767	Shipping box 10	337 mm x 141 mm x 161 mm	738.00 g	7.65 dm ³

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.