

# PRODUCT DATASHEET LED Classic P 40 P 4.9W 827 Frosted E14

# PARATHOM® CLASSIC P | LED lamps, classic mini-ball shape



#### Areas of application

- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

#### **Product benefits**

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

#### **Product features**

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime: up to 15,000 h
- Good quality of light; color rendering index  $R_a$ :  $\geq$  80; constant chromaticity



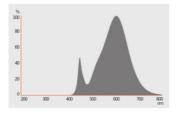
## **TECHNICAL DATA**

## Electrical data

Nominal wattage	4.9 W
Construction wattage	4.90 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	36 mA
Type of current	AC
Inrush current	10 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp no. on circuit break. 10 A (B)	210
Max. lamp no. on circuit break. 16 A (B)	320
Total harmonic distortion	126 %
Power factor $\lambda$	> 0.50

#### Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	95 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 К
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.9



# Light technical data

Beam angle	200 °
Warm-up time (60 %)	0.50 s
Starting time	< 0.5 s

# **Dimensions & Weight**

Overall length	82.00 mm
Diameter	45.00 mm
Maximum diameter	45 mm
Product weight	19.00 g

### Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	78 °C

# Lifespan

Lifespan L70/B50 at 25 °C	15000 h
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)	E14
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted

	All technical parameters apply to the entire lamp / Due to the complex
	production process for light-emitting diodes, the typical values shown
Product remark	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	F <sup>1)</sup>
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE / CB / REACH
Photobiological safety group acc. to EN62778	RGO

1) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

# **Country-specific categorizations**

Order reference	LEDPCLP40 4,9W/

#### LOGISTICAL DATA

Temperature range at storage	-20+80 °C
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### Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	NDLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	E14
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0.00 W
Claim of equivalent power	Yes
Length	82.00 mm
Height	45.00 mm

Width	45.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	0.00
Beam angle correspondence	SPHERE_360
Survival factor	0.90
LED light source replaces a fluorescent light source	No
EPREL ID	523322
Model number	AC31164

# DOWNLOAD DATA

	Documents and certificates
POF	Declarations Of Conformity CE
	Photometric and lighting design files
1	Spectral power distribution

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075593251	Folding box 1	45 mm x 45 mm x 84 mm	28.00 g	0.17 dm³
4058075593268	Shipping box 10	238 mm x 99 mm x 95 mm	341.00 g	2.24 dm <sup>3</sup>

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.ledvance.com/ledlamps
- For Guarantee see www.ledvance.com/guarantee

# DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.