

# PRODUCT DATASHEET LED Classic A 150 P 17W 840 Frosted E27

PARATHOM® CLASSIC A | LED lamps, classic 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
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Lower energy consumption than incandescent or halogen lamps
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs

#### **Product features**

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Not dimmable
- Base: E27
- Lifetime up to 15,000 h
- Lamp made of glass
- Good quality of light; color rendering index Ra: ≥ 80; constant chromaticity





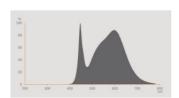
## TECHNICAL DATA

## Electrical data

Nominal wattage	17 W
Construction wattage	17.00 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	150 W
Nominal current	130 mA
Type of current	AC
Inrush current	0.25 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	30
Max. lamp number on MCB B16 A	50
Power factor $\lambda$	> 0.50

### Photometrical data

Luminous flux	2452 lm
Nominal useful luminous flux 90°	2452 lm
Luminous efficacy	144 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	80
Light color	840
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)	0.4



LISO spectral power distribution 4000K CRI80 v1

E27

# Light technical data

Beam angle	330 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

# Dimensions & Weight

Overall length	118.00 mm
Diameter	70.00 mm
Maximum diameter	70 mm
Product weight	45.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	75 °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)	E27
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted
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

E27

Dimmable	No

## Certificates & Standards

Energy consumption	17.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG1

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

# Country-specific categorizations

Order reference	LEDPCLA150 17W/	
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)	E27	
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	0.0	
Networked standby power for CLS	0.0	
Claim of equivalent power	Yes	
Length	118.00 mm	
Height	70.00 mm	
Width	70.00 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	
Displacement factor	0.70	
LED light source replaces a fluorescent light source	No	
EPREL ID	523214	
Model number	AC32406	

### DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Declarations of conformity	LED CLA CLB CLP T26 CL GLOBE125
	Photometric and lighting design files	Document name
	Spectral power distribution	LISO spectral power distribution 4000K CRI80 v1

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075591851	Folding box	70 mm x 70 mm x 143 mm	69.00 g	0.70 dm <sup>3</sup>
4058075591868	Shipping box 10	364 mm x 150 mm x 157 mm	830.00 g	8.57 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.

#### **DISCLAIMER**

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