

# PRODUCT DATASHEET P CLAS A 150 21 W/2700 K E27

PARATHOM® CLASSIC A DIM | Dimmable LED lamps, classic bulb shape



#### Areas of application

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

#### Product benefits

- Low energy consumption
- High color consistency thanks to narrow binning
- Easy replacement of classic lamps thanks to compact design

#### Product features

- Professional LED lamps for line voltage
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Long lifetime up to 25,000 h
- Good quality of light; color rendering index  $R_{a:} \geq$  80; constant chromaticity





# TECHNICAL DATA

# Electrical data

Nominal wattage	21 W
Construction wattage	21.00 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	150 W
Nominal current	110 mA
Type of current	AC
Inrush current	15 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	79
Max. lamp number on MCB B16 A	122
Power factor $\lambda$	> 0.90

## Photometrical data

Luminous flux	2452 lm
Nominal useful luminous flux 90°	2452 lm
Luminous efficacy	116 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	200 °
Warm-up time (60 %)	< 1.00 s
Starting time	< 0.5 s

# Dimensions & Weight

Overall length	143.00 mm
Diameter	67.00 mm
Maximum diameter	67 mm

Product weight	210.00 g		
Femperatures & operating conditions			
Ambient temperature range -20+40 °C			
Maximum temperature at tc test point	110 °C		
.ifespan			
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 / LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance)		
Capabilities			
Dimmable	Yes		
Certificates & Standards			
Energy efficiency class	E 1)		
Energy consumption	21.00 kWh/1000h		
Type of protection	IP20		
Standards	CE / ROHS / ERP		
Photobiological safety group acc. to EN62778	RG0		
) Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to	E (lowest efficiency)		
Country-specific categorizations			
ILCOS	DRAA/F-21/827-220-240-E27-60		

Order reference	LEDPCLA150D 21W		
Energy labelling regulation data acc EU 2019/2015			
Light source cap-type (or other electric interface)	E27		
Correlated colour temperature type	SINGLE_VALUE		
Length	143.00 mm		
Height	67.00 mm		
Width	67.00 mm		
EPREL ID	1403229		
Model number	AC24715		

#### DOWNLOAD DATA

	Documents and certificates	Document name	
POF	Declarations of conformity	Declaration of Conformity LED Classic A, B, P, Stick Lamps	
	Photometric and lighting design files	Document name	
	IES file (IES)	AC10701_CLA150D 21W 230VFR E27	
	LDT file (Eulumdat)	AC10701_CLA150D 21W 230VFR E27	
	Light distribution curve type polar	LEDPCLA150D 21W 827 230VFR E27 FS1 OSRAM	
	Light distribution curve type polar	LEDPCLA150D FR 21W 827 230V E27 FS10SRAM	
	Light distribution curve type polar	LEDPCLA150D 21W 827 230VFR E27 FS1 OSRAM	

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075462632	Folding box 1	67 mm x 67 mm x 145 mm	235.00 g	0.65 dm <sup>3</sup>
4058075462649	Shipping box 10	348 mm x 145 mm x 159 mm	2500.00 g	8.02 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 dimming conformity see www.ledvance.com/dim

- 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.