

# PRODUCT DATASHEET ST CLAS P 40 5.5 W/2700 K E27

LED STAR CLASSIC P | LED lamps, classic mini-ball shape



### Areas of application

- Domestic applications
- General illumination
- Atmospheric accent lighting throughout the home
- Outdoor use in suitable outdoor luminaires only

## Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

## **Product features**

- LED alternative to conventional lamps
- Mercury-free lamps





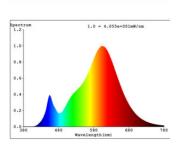
## TECHNICAL DATA

## Electrical data

Nominal wattage	5.5 W
Construction wattage	5.50 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	43 mA
Type of current	AC
Inrush current	10 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	210
Max. lamp number on MCB B16 A	320
Power factor λ	> 0.50

## Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	85 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

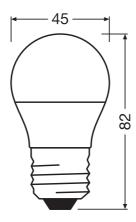


## SPECTRAL POWER DISTRIBUTION RGBTW 24W 2700K

# 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	20.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C		
Maximum temperature at tc test point	100 °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	F 1)		
Energy consumption	6.00 kWh/1000h		
Type of protection	IP20		
Standards	CE / CB / ERP		
Photobiological safety group acc. to EN62778	RG0		
1) Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (	lowest efficiency)		
Country-specific categorizations			
Order reference	LEDSCLP40 5,5W/		
Energy labelling regulation data acc EU 2019/2015			
Light source cap-type (or other electric interface)	E27		
Correlated colour temperature type	SINGLE_VALUE		
Length	82.00 mm		
Height	45.00 mm		
Width	45.00 mm		

0.5

Displacement factor

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1403241, 523323, 1351525, 1857057, 1855196, 2192485, 2505592

## Safety advice

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

## DOWNLOAD DATA

	Documents and certificates	Document name	
PDF	Declarations of conformity	Classic A_B_P 15000h FR	
PDF	Declarations of conformity	LED CLASSIC	
PDF	Declarations of conformity	LED CLASSIC A_P NON-DIM	
PDF	Declarations of conformity	LED lamp	
PDF	Declarations of conformity UKCA	LED CLASSIC	
PDF	Declarations of conformity UKCA	LED CLASSIC A_P NON-DIM	
PDF	Declarations of conformity UKCA	LED lamp	
	Photometric and lighting design files	Document name	
	Spectral power distribution	SPECTRAL POWER DISTRIBUTION RGBTW 24W 2700K	

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075431034	Folding box 1	46 mm x 49 mm x 119 mm	32.00 g	0.27 dm <sup>3</sup>
4052899911949	Blister 1	45 mm x 140 mm x 120 mm	31.00 g	0.76 dm <sup>3</sup>
4058075588561	Shipping box 6	159 mm x 111 mm x 95 mm	267.00 g	1.68 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075431041	Shipping box 10	253 mm x 109 mm x 105 mm	378.00 g	2.90 dm <sup>3</sup>
4052899912083	Shipping box	297 mm x 150 mm x 130 mm	336.00 g	5.79 dm <sup>3</sup>
4052899150836	0			

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.