

PRODUCT DATASHEET

LED Value Classic A 40 4.9W 840 Frosted E27

LED VALUE CLASSIC A | LED lamps, classic bulb shape



Areas of application

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

Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Can be easily fitted instead of ordinary light bulbs

Product features

- LED alternative to conventional lamps
- Not dimmable
- Good color rendering $CRI \geq 80$ and color stability throughout the life of the lamp



TECHNICAL DATA

Electrical data

Nominal wattage	4.9 W
Construction wattage	4.90 W
Nominal voltage	220...240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	40 W
Nominal current	40 mA
Type of current	AC
Inrush current	2.04 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	400
Max. lamp number on MCB B16 A	400
Total harmonic distortion	142.70 %
Power factor λ	0.56

Photometrical data

Luminous flux	470 lm
Luminous efficacy	95 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	80
Light color	840
Standard deviation of color matching	≤6 sdcn
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



OS S10x18 4000K

Light technical data

Beam angle	150 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	107.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	21.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	100 °C

Lifespan

Lifespan L70/B50 at 25 °C	10000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93

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

Dimmable	No
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Certificates & Standards

Energy efficiency class	F 1)
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA / EAC
Photobiological safety group acc. to EN62778	RG1

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

Country-specific categorizations

Order reference	VALUE CLA40 4,9
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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)	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	0.00 W
Claim of equivalent power	Yes
Length	107.00 mm
Height	60.00 mm
Width	60.00 mm
Chromaticity coordinate x	0.382
Chromaticity coordinate y	0.380
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.861

LED light source replaces a fluorescent light source	No
EPREL ID	1403218,523304,1381362,1351497,1857036,1855183,2192465
Model number	AC31146,AC44911,AC24702,AC44995,AC55979,AC55979,AC56431,AC55979,AC55979,AC69340

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
	Declarations of conformity	Classic A_B_P 15000h FR
	Declarations of conformity	LED CLASSIC A_P NON-DIM
	Declarations of conformity UKCA	LED CLASSIC A_P NON-DIM

Photometric and lighting design files		Document name
	IES file (IES)	AC08916_CLA40 5W 230VFR E27
	LDT file (Eulumdat)	AC08343_A60-12 5,5W 4000K E27
	UGR file (UGR table)	VALUE CLA40 5,5W 840 230VFR E27 FS1OSRAM
	Light distribution curve type cone	VALUE CLA40 5,5W 840 230VFR E27 FS1OSRAM
	Light distribution curve type polar	VALUE CLA40 5,5W 840 230VFR E27 FS1OSRAM
	Spectral power distribution	OS S10x18 4000K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075127081	Folding box 1	60 mm x 60 mm x 111 mm	27.00 g	0.40 dm ³
4058075127098	Shipping box 10	315 mm x 131 mm x 126 mm	440.00 g	5.20 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.