

# PRODUCT DATASHEET LED CLAS B 40 DIM S 40 3.4 W/2700 K B22d

LED CLASSIC B | Dimmable LED lamps, classic mini-candle 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 a halogen lamp
- $-\,$  Natural light spectrum with outstanding color rendering of CRI >90
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain
- Lower energy consumption than incandescent or halogen lamps
- Instant 100 % light, no warm-up time
- Low flickering

#### **Product features**

- LED lamps for line voltage
- Beam angle: up to 300°





- Dimmable
- Color rendering index  $R_a$ :  $\geq 90$

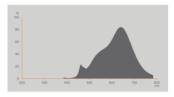
## TECHNICAL DATA

## Electrical data

Nominal wattage	3.4 W
Construction wattage	3.40 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	40 W
Nominal current	20 mA
Type of current	AC
Inrush current	0.25 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	2123
Max. lamp number on MCB B16 A	3396
Power factor $\lambda$	> 0.70

### Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	138 lm/W
Lumen main.fact.at end of nom.life time	0.80
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥90
Light color	927
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	≤1
Stroboscope effect metric (SVM)	≤ 0.9



### A60230V75W4MDV11055LM9527E2775WDIME27AC3228901

# Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

## Dimensions & Weight

Overall length	91.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	20.00 g

## Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	≤65 °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)	B22d
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	Yes
Certificates & Standards	
Energy efficiency class	D 1)
Energy consumption	4.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778 RG0	
Country-specific categorizations	L EDCCL B40D 3 4W
Country-specific categorizations	
Country-specific categorizations  Order reference	LEDCCLB40D 3,4W
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Country-specific categorizations  Order reference  COGISTICAL DATA  Temperature range at storage	LEDCCLB40D 3,4W
Country-specific categorizations  Order reference  COGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015	LEDCCLB40D 3,4W -40+80 °C
Country-specific categorizations  Order reference  COGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used	LEDCCLB40D 3,4W  -40+80 °C
Country-specific categorizations  Order reference  COGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional	LEDCCLB40D 3,4W  -40+80 °C  LED  NDLS
Country-specific categorizations Order reference  COGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains	LEDCCLB40D 3,4W  -40+80 °C  LED  NDLS  MLS
Country-specific categorizations  Order reference  COGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains  Light source cap-type (or other electric interface)	LEDCCLB40D 3,4W  -40+80 °C  LED  NDLS  MLS  B22d
Country-specific categorizations  Order reference  COGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains  Light source cap-type (or other electric interface)  Connected light source (CLS)	LEDCCLB40D 3,4W  -40+80 °C  LED  NDLS  MLS  B22d  No
Country-specific categorizations  Order reference  COGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains  Light source cap-type (or other electric interface)  Connected light source (CLS)  Color-tuneable light source	LEDCCLB40D 3,4W  -40+80 °C  LED  NDLS  MLS  B22d  No  No
Country-specific categorizations  Order reference  COGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains  Light source cap-type (or other electric interface)  Connected light source (CLS)  Color-tuneable light source  Envelope	LEDCCLB40D 3,4W  -40+80 °C  LED  NDLS  MLS  B22d  No  No  No
Country-specific categorizations  Order reference  COGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains  Light source cap-type (or other electric interface)  Connected light source (CLS)  Color-tuneable light source  Envelope  High luminance light source	LEDCCLB40D 3,4W  -40+80 °C  LED  NDLS  MLS  B22d  No  No  No  No
Country-specific categorizations  Order reference  COGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains  Light source cap-type (or other electric interface)  Connected light source (CLS)  Color-tuneable light source  Envelope  High luminance light source  Anti-glare shield	LEDCCLB40D 3,4W  -40+80 °C  LED  NDLS  MLS  B22d  No  No  No  No  No  No

91.00 mm

35.00 mm

Length

Height

Width	35.00 mm
Chromaticity coordinate x	0,463
Chromaticity coordinate y	0,420
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	≥0.4
LED light source replaces a fluorescent light source	No
EPREL ID	642794
Model number	AC33998

## Safety advice

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

### DOWNLOAD DATA

Photometric and lighting design files	Document name	
Spectral power distribution	A60230V75W4MDV11055LM9527E2775WDIME27AC3228901	

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075758308	Folding box	39 mm x 39 mm x 109 mm	34.00 g	0.17 dm <sup>3</sup>
4058075758315	Shipping box 10	205 mm x 87 mm x 123 mm	389.00 g	2.19 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.