PRODUCT DATASHEET

LED Classic B 60 Facility S 7.3W 827 Frosted E14

LED CLASSIC B LAMPS FOR FACILITIES S | Professional B-shape LED lamps for AC/DC facilities



SUPERIOR CLASS

Areas of application

- Public space in large-scaled buildings: staircases, corridors, emergency exits, basement
- Outdoor applications only in suitable luminaires

Product benefits

- Light for AC/DC system (AC 220 - 240 V, DC 176 - 250 V)
- High switching cycle enables long lifetime when it is connected to motion sensors
- Very long lifetime of up to 25,000 h
- Lower energy consumption than incandescent or halogen lamps

Product features

- LED lamp compatible for emergency power system
- High switching cycle with 500,000 times



TECHNICAL DATA

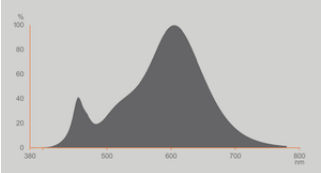
Electrical data

Nominal wattage	7.3 W
Construction wattage	7.30 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	59 mA
Type of current	AC/DC
Inrush current	4.78 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	27
Max. lamp number on MCB B16 A	30
Maximum total harmonic distortion	130 %
Power factor λ	0.84

Photometrical data

Luminous flux	806 lm
Luminous efficacy	110 lm/W
Lumen main.fact.at end of nom.life time	0.96
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

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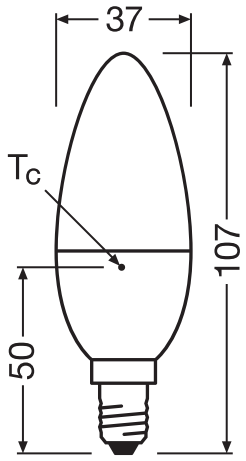


LED Classic 827

Light technical data

Beam angle	200 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	107.00 mm
Diameter	37.00 mm
Maximum diameter	37 mm
Product weight	24.00 g

Temperatures & operating conditions

Ambient temperature range	-30…+50 °C
Maximum temperature at tc test point	84.3 °C

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Lifespan

Lifespan L70/B50 at 25 °C	25000 h
Number of switching cycles	500000
Lumen maintenance at end of service lifetime	0.96

Additional product data

Base (standard designation)	E14
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

Certificates & Standards

Energy efficiency class	E [1)]
Energy consumption	8.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC / UKCA
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	LED CLB60 FA 7.

LOGISTICAL DATA

Temperature range at storage	-20…+80 °C

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)	E14
Connected light source (CLS)	No

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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
Networked standby power for CLS	0.00 W
Claim of equivalent power	Yes
Length	107.00 mm
Height	37.00 mm
Width	37.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.50
LED light source replaces a fluorescent light source	No
EPREL ID	1412881,2511481
Model number	AC47871,AC47871,AC90932,AC90932

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	Addon technical information	INOTEC compatibility Facility CLASSIC B60W 7.3W_EN
PDF	Addon technical information	INOTEC LED CLB60 Facility lamp 7.3W E14_DE
PDF	Addon technical information	INOTEC compatibility Facility CLASSIC B60 7.3W_EN
PDF	Addon technical information	INOTEC compatibility Facility CLASSIC B60 7.3W_DE
PDF	Declarations of conformity	Classic B Facility lamp non dim E17 FR

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	Documents and certificates	Document name
PDF	Declarations of conformity	CL series LAMP
PDF	Declarations of conformity UKCA	CL series LAMP

	Photometric and lighting design files	Document name
	Spectral power distribution	LED Classic 827

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854086342	Folding box 1	38 mm x 38 mm x 112 mm	33.00 g	0.16 dm^3
4099854086359	Shipping box 10	205 mm x 87 mm x 123 mm	378.00 g	2.19 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.

References / Links

- For dimming conformity see www.ledvance.com/dim
- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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