

# PRODUCT DATASHEET LED Classic A 75 Facility S 9W 840 Frosted E27

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



#### 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





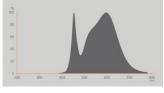
## TECHNICAL DATA

## Electrical data

Nominal wattage	9 W
Construction wattage	9.00 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	75 W
Nominal current	75 mA
Type of current	AC/DC
Inrush current	1.03 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	104
Max. lamp number on MCB B16 A	130
Total harmonic distortion	120.1 %
Power factor $\lambda$	> 0.50

## Photometrical data

Luminous flux         1055 lm           Nominal useful luminous flux 90°         1055 lm           Luminous efficacy         117 lm/W           Lumen main.fact.at end of nom.life time         0.96           Light color (designation)         Cool White           Color temperature         4000 K           Color rendering index Ra         80           Light color         840           Standard deviation of color matching         ≤6 sdcm           Rated LLMF at 6,000 h         0.80           Flickering metric (Pst LM)         1.0           Stroboscope effect metric (SVM)         0.4		
Luminous efficacy 117 lm/W   Lumen main.fact.at end of nom.life time 0.96   Light color (designation) Cool White   Color temperature 4000 K   Color rendering index Ra 80   Light color 840   Standard deviation of color matching ≤6 sdcm   Rated LLMF at 6,000 h 0.80   Flickering metric (Pst LM) 1.0	Luminous flux	1055 lm
Lumen main.fact.at end of nom.life time 0.96   Light color (designation) Cool White   Color temperature 4000 K   Color rendering index Ra 80   Light color 840   Standard deviation of color matching ≤6 sdcm   Rated LLMF at 6,000 h 0.80   Flickering metric (Pst LM) 1.0	Nominal useful luminous flux 90°	1055 lm
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Rated LLMF at 6,000 h  O.80  Flickering metric (Pst LM)  1.0	Light color	840
Flickering metric (Pst LM) 1.0	Standard deviation of color matching	≤6 sdcm
	Rated LLMF at 6,000 h	0.80
Stroboscope effect metric (SVM) 0.4	Flickering metric (Pst LM)	1.0
	Stroboscope effect metric (SVM)	0.4



LED Classic A

# Light technical data

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

# Dimensions & Weight

Overall length	112.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	34.00 g

# Temperatures & operating conditions

Ambient temperature range	-30+50 °C
Maximum temperature at tc test point	83.6 °C

# Lifespan

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

## Capabilities

Dimmable	No
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#### Certificates & Standards

Energy efficiency class	E 1)
Energy consumption	9.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG0

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

## Country-specific categorizations

Order reference	LED CLA75 FA 9W

## 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
Networked standby power for CLS	0.00 W

Claim of equivalent power	Yes	
Length	112.00 mm	
Height	60.00 mm	
Width	60.00 mm	
Chromaticity coordinate x	0.380	
Chromaticity coordinate y	0.380	
R9 Colour rendering index	1	
Beam angle correspondence	SPHERE_360	
Survival factor	0.90	
Displacement factor	0.5	
LED light source replaces a fluorescent light source	No	
EPREL ID	1347016,2511471	
Model number	AC45060,AC45060,AC90931	

# 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 A75W 9W_EN	
PDF	Addon technical information	INOTEC compatibility Facility CLASSIC A75W 9W_DE	
PDF	Declarations of conformity	Classic A Facility lamp E27 FR	
	Photometric and lighting design files	Document name	
	Spectral power distribution	LED Classic A	

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854044212	Folding box	61 mm x 61 mm x 116 mm	47.00 g	0.43 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854044229	Shipping box 10	315 mm x 136 mm x 130 mm	571.00 g	5.57 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 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.