PRODUCT DATASHEET
LED EDISON 60 DIM S 60 5.8 W/2700 K E27

LED CLASSIC EDISON DIM CRI 90 S | Dimmable LED lamps, classic EDISON shape, CRI90, with greatly reduced blue component

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
– Natural light spectrum with outstanding color rendering of CRI>90
– Greatly reduced blue component
– Improved visual comfort and reduced eye strain
– Very low energy consumption
– Instant 100 % light, no warm-up time
– Low flickering

Product features
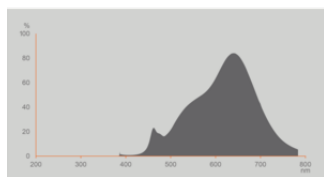
– LED lamps for line voltage

- Beam angle: up to 300°
- Dimmable
- Color rendering index R_a: ≥ 90

TECHNICAL DATA

Electrical data

Nominal wattage	5.8 W
Construction wattage	5.80 W
Nominal voltage	220...240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	36 mA
Type of current	AC
Inrush current	0.46 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	1406
Max. lamp no. on circuit break. 16 A (B)	2250
Power factor λ	> 0.50

Photometrical data

Luminous flux	806 lm
Nominal useful luminous flux 90°	806 lm
Luminous efficacy	138 lm/W
Lumen main.fact.at end of nom.life time	0.93
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

Light technical data

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

Dimensions & Weight

Overall length	143.00 mm
Diameter	64.00 mm
Maximum diameter	64 mm
Product weight	46.00 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	0.93
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	Clear

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	6.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

Order reference	LEDCEDIS60 5,8W

LOGISTICAL DATA

Temperature range at storage	-40...+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)	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 W
Claim of equivalent power	Yes
Length	143.00 mm
Height	64.00 mm

Width	64.00 mm
Chromaticity coordinate x	0,463
Chromaticity coordinate y	0,420
R9 Colour rendering index	0.00
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	≥0.5
LED light source replaces a fluorescent light source	No
EPREL ID	642805
Model number	AC34017

DOWNLOAD DATA

	Photometric and lighting design files
	Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075758100	Folding box 1	65 mm x 65 mm x 147 mm	64.00 g	0.62 dm³
4058075758117	Shipping box 10	337 mm x 141 mm x 161 mm	749.00 g	7.65 dm³

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.