

PRODUCT DATASHEET Vintage 1906 Edison 55 Filament DIM 6.5W 824 Gold E27

Vintage 1906 LED DIM | LED lamps, dimmable vintage edition



Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lamps with innovative LED "filament" technology

Product features

- LED lamps for line voltage
- Lamp made of glass
- Lifetime up to 15,000 h
- Beam angle: up to 360°
- Dimmable
- Good quality of light; color rendering index R_a : \geq 80; constant chromaticity



6.5W 824 Gold E27



TECHNICAL DATA

Electrical data

Nominal wattage	6.5 W
Construction wattage	6.50 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	55 W
Nominal current	42 mA
Type of current	AC
Inrush current	0.46 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	1210
Max. lamp number on MCB B16 A	1935
Power factor λ	> 0.50

Photometrical data

Luminous flux	725 lm
Nominal useful luminous flux 90°	725 lm
Luminous efficacy	111 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Warm Comfort Light
Color temperature	2400 K
Color rendering index Ra	80
Light color	824
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)	0.9



LISO spectral power distribution 2700K CRI80 v1

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	Dimmable (with many common dimmers, see also www.ledvance.com/dim) / 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	E 1)
Energy consumption	7.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
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

ILCOS	DRAS/C-7/824-220-240-E27-64
Order reference	1906LEDISOND6,5

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 Networked standby power for CLS 0 W Claim of equivalent power Yes Length 143.00 mm Height 64.00 mm Width 64.00 mm Chromaticity coordinate x 0.494 Chromaticity coordinate y 0.424 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 EPPEL ID 1403365,523095	I fallation at the above of a second of	LED
Mains or non-mains 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 O W Networked standby power for CLS O W Claim of equivalent power Length Height 64.00 mm Width Chromaticity coordinate x Chromaticity coordinate x O .494 Chromaticity coordinate y Pes Colour rendering index 1 Beam angle correspondence Survival factor O.90 Displacement factor Logic Alexandra Survivale studence and uncescent light source No E27 Ro Ro Ro Ro Ro Ro Ro Ro Ro R		
Light source cap-type (or other electric interface) 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 O W Networked standby power for CLS O W Claim of equivalent power Length Height 64.00 mm Width 64.00 mm Chromaticity coordinate x Chromaticity coordinate y Rep Colour rendering index 1 Beam angle correspondence Survival factor O,50 Let Dilght source replaces a fluorescent light source No	Non-directional or directional	NDLS
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 Networked standby power for CLS 0 W Claim of equivalent power Length Height 64.00 mm Width 64.00 mm Chromaticity coordinate x 0.494 Chromaticity coordinate y R9 Colour rendering index 1 Beam angle correspondence SPHERE_360 Survival factor 0.50 LED light source replaces a fluorescent light source	Mains or non-mains	MLS
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 Networked standby power for CLS 0 W Claim of equivalent power Yes Length 143.00 mm Height 64.00 mm Width 64.00 mm Chromaticity coordinate x 0.494 Chromaticity coordinate y 0.424 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	Light source cap-type (or other electric interface)	E27
Envelope No High luminance light source No Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Standby power 0 0W Networked standby power for CLS 0 W Claim of equivalent power Yes Length 143.00 mm Height 64.00 mm Width 64.00 mm Chromaticity coordinate x 0.494 Chromaticity coordinate y 0.424 R9 Colour rendering index 1 Beam angle correspondence SPHERE_360 Survival factor 0.50 LiED light source replaces a fluorescent light source No	Connected light source (CLS)	No
High luminance light source Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Standby power O W Networked standby power for CLS O W Claim of equivalent power Length Height 64.00 mm Width 64.00 mm Chromaticity coordinate x Chromaticity coordinate y PS Colour rendering index 1 Beam angle correspondence SPHERE_360 Survival factor O.90 Displacement factor No No SINGLE_VALUE No W Anti-glare shield No No No No No No No No No N	Color-tuneable light source	No
Anti-glare shield Correlated colour temperature type SiNGLE_VALUE Standby power 0 W Networked standby power for CLS 0 W Claim of equivalent power Yes Length 143.00 mm Height 64.00 mm Width 64.00 mm Chromaticity coordinate x 0.494 Chromaticity coordinate y 0.424 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	Envelope	No
Correlated colour temperature type SINGLE_VALUE Standby power 0 W Networked standby power for CLS 0 W Claim of equivalent power Yes Length 143.00 mm Height 64.00 mm Width 64.00 mm Chromaticity coordinate x 0.494 Chromaticity coordinate y 19 Colour rendering index 1 Beam angle correspondence SPHERE_360 Survival factor 0.90 Displacement factor LED light source replaces a fluorescent light source NW OW OW OW OW OW OW OW OW ON ON	High luminance light source	No
Standby power0 WNetworked standby power for CLS0 WClaim of equivalent powerYesLength143.00 mmHeight64.00 mmWidth64.00 mmChromaticity coordinate x0.494Chromaticity coordinate y0.424R9 Colour rendering index1Beam angle correspondenceSPHERE_360Survival factor0.90Displacement factor0.50LED light source replaces a fluorescent light sourceNo	Anti-glare shield	No
Networked standby power for CLS Claim of equivalent power Yes Length 143.00 mm Height 64.00 mm Width 64.00 mm Chromaticity coordinate x 0.494 Chromaticity coordinate y R9 Colour rendering index Beam angle correspondence SPHERE_360 Survival factor 0.90 Displacement factor 0.50 LED light source replaces a fluorescent light source No	Correlated colour temperature type	SINGLE_VALUE
Claim of equivalent powerYesLength143.00 mmHeight64.00 mmWidth64.00 mmChromaticity coordinate x0.494Chromaticity coordinate y0.424R9 Colour rendering index1Beam angle correspondenceSPHERE_360Survival factor0.90Displacement factor0.50LED light source replaces a fluorescent light sourceNo	Standby power	0 W
Length 143.00 mm Height 64.00 mm Width 64.00 mm Chromaticity coordinate x 0.494 Chromaticity coordinate y 0.424 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	Networked standby power for CLS	0 W
Height 64.00 mm Width 64.00 mm Chromaticity coordinate x 0.494 Chromaticity coordinate y 0.424 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	Claim of equivalent power	Yes
Width 64.00 mm Chromaticity coordinate x 0.494 Chromaticity coordinate y 0.424 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	Length	142.00 mm
Chromaticity coordinate x Chromaticity coordinate y 0.424 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	Longui	143.00 11111
Chromaticity coordinate y 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		
R9 Colour rendering index Beam angle correspondence SPHERE_360 Survival factor 0.90 Displacement factor 0.50 LED light source replaces a fluorescent light source No	Height	64.00 mm
Beam angle correspondence SPHERE_360 Survival factor 0.90 Displacement factor 0.50 LED light source replaces a fluorescent light source No	Height Width	64.00 mm 64.00 mm
Survival factor 0.90 Displacement factor 0.50 LED light source replaces a fluorescent light source No	Height Width Chromaticity coordinate x	64.00 mm 64.00 mm 0.494
Displacement factor 0.50 LED light source replaces a fluorescent light source No	Height Width Chromaticity coordinate x Chromaticity coordinate y	64.00 mm 64.00 mm 0.494 0.424
LED light source replaces a fluorescent light source No	Height Width Chromaticity coordinate x Chromaticity coordinate y R9 Colour rendering index	64.00 mm 64.00 mm 0.494 0.424
	Height Width Chromaticity coordinate x Chromaticity coordinate y R9 Colour rendering index Beam angle correspondence	64.00 mm 64.00 mm 0.494 0.424 1 SPHERE_360
EPREL ID 1403365,523095	Height Width Chromaticity coordinate x Chromaticity coordinate y R9 Colour rendering index Beam angle correspondence Survival factor	64.00 mm 64.00 mm 0.494 0.424 1 SPHERE_360 0.90
	Height Width Chromaticity coordinate x Chromaticity coordinate y R9 Colour rendering index Beam angle correspondence Survival factor Displacement factor	64.00 mm 64.00 mm 0.494 0.424 1 SPHERE_360 0.90 0.50

6.5W 824 Gold E27

M	lodel number	AC32332,AC24278

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	Declarations of conformity	LED lamps CLA,B,G,P	
	Photometric and lighting design files	Document name	
	IES file (IES)	LED 1906 EDISON 7.5W 2500K	
	Spectral power distribution	LISO spectral power distribution 2700K CRI80 v1	

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899972360	Folding box	87 mm x 87 mm x 191 mm	96.00 g	1.45 dm ³
4052899420885	Shipping box 4	185 mm x 185 mm x 206 mm	508.00 g	7.05 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.