

PRODUCT FAMILY DATASHEET

SMART+ WiFi Filament Classic Dimmable

Classic bulb shape with filament-style with WiFi technology



Areas of application

- General illumination
- Residential interiors
- Professional (hotels, bars, boutiques etc.)
- Outdoor applications only in suitable luminaires

Product benefits

- Wireless control via app
- Easy to install and use
- Contains no mercury

Product features

- Controllable via LEDVANCE SMART+ WiFi App (with minimum Android™ 4.4 or iOS 9.0)
- Controllable via Google Assistant and Amazon Alexa possible
- Network protocol: WiFi
- Dimmable
- Lifetime: up to 15,000 h
- Light color: Warm White (2,700 K)



TECHNICAL DATA

Electrical data

Product description	Nominal wattage	Construction wattage	Nominal voltage	Nominal current	Operating frequency
SMART+ Filament Classic Dimmable 44 6 W/2500 K E27	6 W	6.00 W	220...240 V	50 mA	50...60 Hz / 50
SMART+ Filament Classic Dimmable 53 6 W/2400 K E27	6 W	6.00 W	220...240 V	50 mA	50...60 Hz
SMART+ Filament WiFi Classic A 60 5,5W E27	6 W	6.00 W	220...240 V	50 mA	50...60 Hz / 50
SMART+ Filament Classic Dimmable 60 6 W/2700 K B22	6 W	6.00 W	220...240 V	50 mA	50...60 Hz / 50
SMART+ Filament Classic Dimmable 75 7.5 W/2700 K E27	7.5 W	7.50 W	220...240 V	85 mA	50...60 Hz / 50
SMART+ Filament Classic Dimmable 100 11 W/2700 K E27	11 W	11.00 W	220...240 V	85 mA	50...60 Hz / 50

Product description	Mains frequency	Power factor λ	Claimed equiv. conventional lamp power
SMART+ Filament Classic Dimmable 44 6 W/2500 K E27	50...60 Hz	> 0.50	44 W
SMART+ Filament Classic Dimmable 53 6 W/2400 K E27	50...60 Hz	> 0.50	53 W
SMART+ Filament WiFi Classic A 60 5,5W E27	50...60 Hz	> 0.50	60 W
SMART+ Filament Classic Dimmable 60 6 W/2700 K B22	50...60 Hz	> 0.50	60 W
SMART+ Filament Classic Dimmable 75 7.5 W/2700 K E27	50...60 Hz	> 0.50	75 W
SMART+ Filament Classic Dimmable 100 11 W/2700 K E27	50...60 Hz	> 0.50	100 W

Photometrical data

Product description	Light color (designation)	Lumen main.fact.at end of nom.life time	Standard deviation of color matching	Nominal luminous flux	Luminous flux
SMART+ Filament Classic Dimmable 44 6 W/2500 K E27	Warm White	0.70	≤ 6 sdc _m	540 lm	540 lm
SMART+ Filament Classic Dimmable 53 6 W/2400 K E27	Warm White	0.70	≤ 6 sdc _m	680 lm	680 lm
SMART+ Filament WiFi Classic A 60 5,5W E27	Warm White	0.70	≤ 6 sdc _m	806 lm	806 lm
SMART+ Filament Classic Dimmable 60 6 W/2700 K B22	Warm White	0.70	≤ 6 sdc _m	806 lm	806 lm

Product description	Light color (designation)	Lumen main.fact.at end of nom.life time	Standard deviation of color matching	Nominal luminous flux	Luminous flux
SMART+ Filament Classic Dimmable 75 7.5 W/2700 K E27	Warm White	0.70	≤6 sdc _m	1055 lm	1055 lm
SMART+ Filament Classic Dimmable 100 11 W/2700 K E27	Warm White	0.70	≤6 sdc _m	1521 lm	1521 lm

Product description	Luminous efficacy	Color temperature	Color rendering index Ra	Flickering metric (Pst LM)	Stroboscope effect metric (SVM)
SMART+ Filament Classic Dimmable 44 6 W/2500 K E27	90 lm/W	2500 K	80	1.0	0.9
SMART+ Filament Classic Dimmable 53 6 W/2400 K E27	113 lm/W	2400 K	80	1.0	0.9
SMART+ Filament WiFi Classic A 60 5,5W E27	134 lm/W	2700 K	80	1.0	0.9
SMART+ Filament Classic Dimmable 60 6 W/2700 K B22	134 lm/W	2700 K	80	1.0	0.9
SMART+ Filament Classic Dimmable 75 7.5 W/2700 K E27	140 lm/W	2700 K	80	1.0	0.9
SMART+ Filament Classic Dimmable 100 11 W/2700 K E27	138 lm/W	2700 K	80	1.0	0.9

Product description
SMART+ Filament Classic Dimmable 44 6 W/2500 K E27
SMART+ Filament Classic Dimmable 53 6 W/2400 K E27
SMART+ Filament WiFi Classic A 60 5,5W E27
SMART+ Filament Classic Dimmable 60 6 W/2700 K B22
SMART+ Filament Classic Dimmable 75 7.5 W/2700 K E27
SMART+ Filament Classic Dimmable 100 11 W/2700 K E27

Light technical data

Product description	Beam angle	Starting time	Warm-up time (60 %)
SMART+ Filament Classic Dimmable 44 6 W/2500 K E27	SPHERE_360	< 0.5 s	< 0.50 s
SMART+ Filament Classic Dimmable 53 6 W/2400 K E27	300 °	< 0.5 s	< 0.50 s
SMART+ Filament WiFi Classic A 60 5,5W E27	300 °	< 0.5 s	

Product description	Beam angle	Starting time	Warm-up time (60 %)
SMART+ Filament Classic Dimmable 60 6 W/2700 K B22	300 °	< 0.5 s	< 0.50 s
SMART+ Filament Classic Dimmable 75 7.5 W/2700 K E27	300 °	< 0.5 s	< 0.50 s
SMART+ Filament Classic Dimmable 100 11 W/2700 K E27	300 °	< 0.5 s	< 0.50 s

Dimensions & Weight

Product description	Product weight	Diameter	Maximum diameter	Length	Width
SMART+ Filament Classic Dimmable 44 6 W/2500 K E27	31.00 g	60.00 mm	60 mm	105.00 mm	60.00 mm
SMART+ Filament Classic Dimmable 53 6 W/2400 K E27	31.00 g	60.00 mm	60 mm	105.00 mm	60.00 mm
SMART+ Filament WiFi Classic A 60 5,5W E27	31.00 g	60.00 mm		105.00 mm	60.00 mm
SMART+ Filament Classic Dimmable 60 6 W/2700 K B22	35.00 g	60.00 mm	60 mm	117.00 mm	60.00 mm
SMART+ Filament Classic Dimmable 75 7.5 W/2700 K E27	52.00 g	67.00 mm	67 mm	133.00 mm	67.00 mm
SMART+ Filament Classic Dimmable 100 11 W/2700 K E27	52.00 g	67.00 mm	67 mm	133.00 mm	67.00 mm

Product description	Height	Outer bulb [PICOS]
SMART+ Filament Classic Dimmable 44 6 W/2500 K E27	60.00 mm	A60
SMART+ Filament Classic Dimmable 53 6 W/2400 K E27	60.00 mm	A60
SMART+ Filament WiFi Classic A 60 5,5W E27	60.00 mm	A60
SMART+ Filament Classic Dimmable 60 6 W/2700 K B22	60.00 mm	A60
SMART+ Filament Classic Dimmable 75 7.5 W/2700 K E27	67.00 mm	A67
SMART+ Filament Classic Dimmable 100 11 W/2700 K E27	67.00 mm	A67

Lifespan

Product description	Number of switching cycles	Lifespan	Lumen maintenance at end of serv
SMART+ Filament Classic Dimmable 44 6 W/2500 K E27	100000	15000 h	0.70
SMART+ Filament Classic Dimmable 53 6 W/2400 K E27	100000	15000 h	

Product description	Number of switching cycles	Lifespan	Lumen maintenance at end of serv
SMART+ Filament WiFi Classic A 60 5,5W E27	100000	15000 h	0.70
SMART+ Filament Classic Dimmable 60 6 W/2700 K B22	100000	15000 h	
SMART+ Filament Classic Dimmable 75 7.5 W/2700 K E27	100000	15000 h	0.70
SMART+ Filament Classic Dimmable 100 11 W/2700 K E27	100000	15000 h	0.70

Colors & materials

Product description	Product color
SMART+ Filament Classic Dimmable 44 6 W/2500 K E27	Light grey
SMART+ Filament Classic Dimmable 53 6 W/2400 K E27	Gold
SMART+ Filament WiFi Classic A 60 5,5W E27	
SMART+ Filament Classic Dimmable 60 6 W/2700 K B22	Transparent
SMART+ Filament Classic Dimmable 75 7.5 W/2700 K E27	Cream white
SMART+ Filament Classic Dimmable 100 11 W/2700 K E27	Cream white

Temperatures & operating conditions

Product description	Ambient temperature range
SMART+ Filament Classic Dimmable 44 6 W/2500 K E27	-20...+40 °C
SMART+ Filament Classic Dimmable 53 6 W/2400 K E27	-20...+40 °C
SMART+ Filament WiFi Classic A 60 5,5W E27	-20...+40 °C
SMART+ Filament Classic Dimmable 60 6 W/2700 K B22	
SMART+ Filament Classic Dimmable 75 7.5 W/2700 K E27	-20...+40 °C
SMART+ Filament Classic Dimmable 100 11 W/2700 K E27	-20...+40 °C

Additional product data

Product description	Base (standard designation)
SMART+ Filament Classic Dimmable 44 6 W/2500 K E27	E27
SMART+ Filament Classic Dimmable 53 6 W/2400 K E27	E27
SMART+ Filament WiFi Classic A 60 5,5W E27	E27
SMART+ Filament Classic Dimmable 60 6 W/2700 K B22	B22
SMART+ Filament Classic Dimmable 75 7.5 W/2700 K E27	E27
SMART+ Filament Classic Dimmable 100 11 W/2700 K E27	E27

Capabilities

Product description	Dimmable	Compatible smart home technology
SMART+ Filament Classic Dimmable 44 6 W/2500 K E27	Yes	Google Assistant / Amazon Alexa
SMART+ Filament Classic Dimmable 53 6 W/2400 K E27	Yes	
SMART+ Filament WiFi Classic A 60 5,5W E27	Yes	Google Assistant / Amazon Alexa
SMART+ Filament Classic Dimmable 60 6 W/2700 K B22	Yes	
SMART+ Filament Classic Dimmable 75 7.5 W/2700 K E27	Yes	Google Assistant / Amazon Alexa
SMART+ Filament Classic Dimmable 100 11 W/2700 K E27	Yes	Google Assistant / Amazon Alexa

Certificates & Standards

Product description	Energy efficiency class	Energy consumption	Standards	Type of protection
SMART+ Filament Classic Dimmable 44 6 W/2500 K E27	F ¹⁾	6.00 kWh/1000h	CE	IP20
SMART+ Filament Classic Dimmable 53 6 W/2400 K E27	E ¹⁾	6.00 kWh/1000h		IP20
SMART+ Filament WiFi Classic A 60 5,5W E27	E ¹⁾	6.00 kWh/1000h	CE	IP20
SMART+ Filament Classic Dimmable 60 6 W/2700 K B22	E ¹⁾	6.00 kWh/1000h		IP20
SMART+ Filament Classic Dimmable 75 7.5 W/2700 K E27	D ¹⁾	8.00 kWh/1000h	CE	IP20
SMART+ Filament Classic Dimmable 100 11 W/2700 K E27	D ¹⁾	11.00 kWh/1000h	CE	IP20



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

Energy labelling regulation data acc EU 2019/2015

Product description	Lighting technology used	Non-directional or directional	Mains or non-mains	Light source cap-type (or other electric interface)	Connected light source (CLS)
SMART+ Filament Classic Dimmable 44 6 W/2500 K E27	LED	NDLS	MLS	E27	yes
SMART+ Filament Classic Dimmable 53 6 W/2400 K E27	LED	NDLS	MLS	E27	yes
SMART+ Filament WiFi Classic A 60 5,5W E27	LED	NDLS	MLS	E27	yes
SMART+ Filament Classic Dimmable 60 6 W/2700 K B22	LED	NDLS	MLS	B22	yes
SMART+ Filament Classic Dimmable 75 7.5 W/2700 K E27	LED	NDLS	MLS	E27	yes
SMART+ Filament Classic Dimmable 100 11 W/2700 K E27	LED	NDLS	MLS	E27	yes

Product description	Color-tuneable light source	Envelope	High luminance light source	Anti-glare shield	Correlated colour temperature type
SMART+ Filament Classic Dimmable 44 6 W/2500 K E27	No	No	No	No	SINGLE_VALUE
SMART+ Filament Classic Dimmable 53 6 W/2400 K E27	No	No	No	No	SINGLE_VALUE
SMART+ Filament WiFi Classic A 60 5,5W E27	No	No	No	No	SINGLE_VALUE
SMART+ Filament Classic Dimmable 60 6 W/2700 K B22	No	No	No	No	SINGLE_VALUE
SMART+ Filament Classic Dimmable 75 7.5 W/2700 K E27	No	No	No	No	SINGLE_VALUE
SMART+ Filament Classic Dimmable 100 11 W/2700 K E27	No	No	No	No	SINGLE_VALUE

Product description	Standby power	Networked standby power for CLS	Claim of equivalent power	Chromaticity coordinate x	Chromaticity coordinate y
SMART+ Filament Classic Dimmable 44 6 W/2500 K E27	0.5 W	0.50	Yes	0.478	0.415
SMART+ Filament Classic Dimmable 53 6 W/2400 K E27	0.5 W	0.50	Yes	0.494	0.424
SMART+ Filament WiFi Classic A 60 5,5W E27	0.5 W	0.50	Yes	0.463	0.420
SMART+ Filament Classic Dimmable 60 6 W/2700 K B22	0.5 W		Yes	0.463	0.420

Product description	Standby power	Networked standby power for CLS	Claim of equivalent power	Chromaticity coordinate x	Chromaticity coordinate y
SMART+ Filament Classic Dimmable 75 7.5 W/2700 K E27	0.5 W	0.50	Yes	0.463	0.420
SMART+ Filament Classic Dimmable 100 11 W/2700 K E27	0.5 W	0.50	Yes	0.463	0.420

Product description	R9 Colour rendering index	Beam angle	Survival factor	Displacement factor	LED light source replaces a fluorescent light source
SMART+ Filament Classic Dimmable 44 6 W/2500 K E27	0.00	SPHERE_360	0.90	0.50	not applicable
SMART+ Filament Classic Dimmable 53 6 W/2400 K E27	0.00	SPHERE_360	0.90	0.50	not applicable
SMART+ Filament WiFi Classic A 60 5,5W E27	0.00	SPHERE_360	0.90	0.50	not applicable
SMART+ Filament Classic Dimmable 60 6 W/2700 K B22	0.00	SPHERE_360			not applicable
SMART+ Filament Classic Dimmable 75 7.5 W/2700 K E27	0.00	SPHERE_360	0.90	0.50	not applicable
SMART+ Filament Classic Dimmable 100 11 W/2700 K E27	0.00	SPHERE_360	0.90	0.70	not applicable

Product description	EPREL ID	Model number
SMART+ Filament Classic Dimmable 44 6 W/2500 K E27	644688	AC32969,AC32969
SMART+ Filament Classic Dimmable 53 6 W/2400 K E27	644676	AC32966,AC32966
SMART+ Filament WiFi Classic A 60 5,5W E27	644679,644658	AC32956,AC32941,AC32956,AC32956
SMART+ Filament Classic Dimmable 60 6 W/2700 K B22	644692	AC34819,AC34819
SMART+ Filament Classic Dimmable 75 7.5 W/2700 K E27	644683	AC32965,AC32965
SMART+ Filament Classic Dimmable 100 11 W/2700 K E27	644684	AC32964,AC32964

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.













SALES AND TECHNICAL SUPPORT

Sales and Technical Support www.ledvance.com

COUNTRY SPECIFIC INFORMATION

Product description	Product code	METEL-Code	SEG number	STK number	UK Org
SMART+ Filament Classic Dimmable 44 6 W/2500 K E27	4058075609815	-	8297225	-	-
SMART+ Filament Classic Dimmable 53 6 W/2400 K E27	4058075610521	-	-	-	-
SMART+ Filament WiFi Classic A 60 5,5W E27	4058075528239	-	8297218	-	-
SMART+ Filament Classic Dimmable 60 6 W/2700 K B22	4058075609891	-	-	-	-
SMART+ Filament Classic Dimmable 75 7.5 W/2700 K E27	4058075609716	-	8297220	-	-
SMART+ Filament Classic Dimmable 100 11 W/2700 K E27	4058075609730	-	8297221	-	-

DOWNLOAD DATA

DOWNLOAD DATA	
	User instruction SMART WIFI INSTALLATION GUIDE
	Declarations of conformity EU Declaration of Conformity – Smart Filament WiFi CL
	User instruction SMART WIFI INSTALLATION GUIDE
	Declarations of conformity EU Declaration of Conformity – Smart Filament WiFi CL
	User instruction SMART WIFI INSTALLATION GUIDE
	Declarations of conformity EU Declaration of Conformity – Smart Filament WiFi CL
	User instruction SMART WIFI INSTALLATION GUIDE
	Declarations of conformity EU Declaration of Conformity – Smart Filament WiFi CL
	User instruction SMART WIFI INSTALLATION GUIDE
	Declarations of conformity EU Declaration of Conformity – Smart Filament WiFi CL
	User instruction SMART WIFI INSTALLATION GUIDE
	Declarations of conformity EU Declaration of Conformity – Smart Filament WiFi CL

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075609815	Folding box 1	66 mm x 96 mm x 154 mm	116.00 g	0.98 dm ³
4058075610521	Folding box 1	66 mm x 96 mm x 154 mm	116.00 g	0.98 dm ³
4058075528239	Folding box 1	66 mm x 96 mm x 154 mm	116.00 g	0.98 dm ³
4058075609891	Folding box 1	66 mm x 96 mm x 154 mm	120.00 g	0.98 dm ³
4058075609716	Folding box 1	72 mm x 96 mm x 154 mm	151.00 g	1.06 dm ³
4058075609730	Folding box 1	72 mm x 96 mm x 154 mm	151.00 g	1.06 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.