

LED Bulbs Datasheet

6 products in this range. Specifications as published on wellking-led.com.
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LED candle bulbs with flame-shaped design for ambient and decorative lighting where a warm, flicker-free glow mimics traditional candlelight. Available in C38 and C37 sizes with E17, E26, E14, and E12 bases, these bulbs use branded LED chips and high-transparency PC covers to deliver consistent light output. The A80 bulb is a large-diameter solution for high-ceiling commercial and residential spaces, offering uniform illumination with dimmable control and multiple color temperature options. All models are certified to CE, RoHS, FCC, SAA, and PSE standards.

Led Candle Light Bulb C38

A candle-shaped LED bulb designed for ambient lighting in residential, hospitality and retail spaces where a warm, flame-like glow is required. The bulb has a slim, elegant profile with a transparent PC cover that maximises light output while maintaining a soft, diffused appearance. It uses branded LED chips for consistent colour and flicker-free operation. Available in 5W and 7W variants with dimmable AC110V input, it delivers 450lm or 550lm at a beam angle of 180 degrees. The E17 screw base allows direct replacement in standard fixtures. Certified to CE, RoHS, FCC, SAA and PSE, it meets international safety and environmental standards. The aluminium housing provides stable thermal management and a lightweight feel.

Parameter	Value
Model number	WK-BL-C38
Size	■38*106mm
Power	5W / 7W
Lumens	450lm / 550lm
Input voltage	AC110V dimmable
Beam angle	180°
Colour temperature	2200K - 6500K
CRI (Ra)	80 / 90
Base	E17
Housing material	Aluminum
Dimming range	5% - 100%
Certifications	CE, RoHS, FCC, SAA, PSE

Certifications stated on datasheet: CE, RoHS, FCC, SAA, PSE
Web page: <https://wellking-led.com/products/led-candle-light-bulb-c38.html>

Led Candle Light Bulb C37

A candle-shaped LED bulb designed for ambient lighting in fixtures where a warm, flame-like glow is desired. The bulb has a slim, tapered profile resembling a candle flame, with a soft yellow light output that mimics traditional candlelight. The transparent PC cover allows high light transmission, and the internal structure uses branded LED chips for consistent performance. It turns on instantly with no warm-up delay and operates across a wide AC voltage range. Rated for 5W with 450 lumens, it is available in multiple base types and colour temperatures from 2200K to 6500K. The bulb is flicker-free and supports dimming from 5% to 100%. Certified to CE, RoHS, FCC, SAA, and PSE standards.

Parameter	Value
Model number	WK-BL-C37
Size	■37*108mm
Power	5W

Lumens	450lm
Input voltage	AC85-265V / AC220V / AC110V
Beam angle	270°
Colour temperature	2200-6500K
CRI (Ra)	80 / 90
Base type	E26 / E17 / E14 / E12
Housing material	Plastic surface + aluminum inside
LED chip	Original branded LED chip
Dimming range	5-100%
Flicker-free	Yes
Instant-on	Yes
Certifications	CE, RoHS, FCC, SAA, PSE

Certifications stated on datasheet: CE, RoHS, FCC, SAA, PSE

Web page: <https://wellking-led.com/products/led-candle-light-bulb-c37.html>

Led Bulbs A80 13W/12W/11W

A large-format A80 LED bulb with an 80mm diameter designed for high-ceiling spaces, commercial areas, and large residential rooms requiring powerful, uniform illumination. The bulb features a lightweight plastic and aluminum housing with a high-transmittance PC cover, delivering instant-on light without warm-up delay. Branded LED chips ensure consistent performance, while the flicker-free output supports continuous operation in sensitive environments. Available in 11W, 12W, and 13W power variants with lumens ranging from 1100 to 1300, and color temperatures from 2200K to 6500K. Dual color options are available. Certified to CE, RoHS, FCC, SAA, and PSE standards. Input voltage supports AC85-265V, AC220V, and AC110V, with E27 or E26 screw bases for standard fixture compatibility.

Parameter	Value
Model number	WK-BL-P07-13W
Diameter	80mm
Length	155mm
Power	11W / 12W / 13W
Lumens	1100lm / 1200lm / 1300lm
Input voltage	AC85-265V / AC220V / AC110V
Beam angle	220°
Color temperature	2200K - 6500K
CRI (Ra)	80 / 90
Base type	E27 / E26
Housing material	Plastic surface + aluminum inside
Dimming range	5% - 100%
Certifications	CE, RoHS, FCC, SAA, PSE
LED type	Branded LED chip
Startup time	Instant-on, no warm-up
Flicker-free	Yes

Certifications stated on datasheet: CE, RoHS, FCC, SAA, PSE

Web page: <https://wellking-led.com/products/led-bulbs-a80-13w-12w-11w.html>

Led Bulbs G40 Bulb 5W/4W

A compact global LED bulb designed for decorative fixtures such as pendant lights, wall sconces, and vanity lights. The G40 bulb uses a high-transmittance PC cover and branded LED chips to deliver flicker-free, instant-on lighting with energy efficiency. Available in 4W and 5W versions, it operates on AC85-265V or AC110V, with a beam angle of 190 degrees and colour temperatures from 2200K to 6500K. CRI is available at 80 or 90. The E17 base allows for easy replacement in standard fixtures. Dual colour options are available. Certified to CE, RoHS, FCC, SAA, and PSE.

Parameter	Value
Model number	WK-BL-D33
Size	■38*75 mm
Power	4W / 5W
Lumens	400 lm / 500 lm
Input voltage	AC85-265V / AC110V
Beam angle	190°
CCT	2200K-6500K
CRI	80 / 90
Base	E17
Housing material	Aluminum
LED chip	Original branded LED chip
Dimming range	5-100%
Certifications	CE, RoHS, FCC, SAA, PSE
Lifespan	Not specified in FACTS
Operating temperature	Not specified in FACTS

Certifications stated on datasheet: CE, RoHS, FCC, SAA, PSE

Web page: <https://wellking-led.com/products/led-bulbs-g40-bulb-5w-4w.html>

Led Bulbs G45 G50 Bulb 4W

A compact globe-shaped LED bulb designed for decorative fixtures such as pendant lights, wall sconces, and vanity lights. Available in G50 and G45 sizes with E27/E26 or E14 bases, it operates on AC85-265V, delivers 400 lumens at 4W, and features a high-transparency PC cover with original branded LED chips. The bulb provides instant-on lighting with no warm-up delay, flicker-free operation, and a dimming range from 5% to 100%. It is suitable for residential and commercial spaces where energy efficiency and aesthetic design are required. Dual color temperature versions are available, and the product complies with CE, RoHS, FCC, SAA, and PSE certifications.

Parameter	Value
Model number	WK-BL-P08-4W / WK-BL-P14-4W / WK-BL-P07-4W
Size	G50: ■50*75mm, G45: ■45*80mm or ■45*75mm
Power	4W
Lumens	400 lm
Input voltage	AC85-265V / AC220V / AC110V
Beam angle	220°
Color temperature	2200K-6500K
CRI (Ra)	80 / 90
Base type	E27/E26 or E14
Housing material	Plastic surface + aluminum inside
LED chip	Original branded LED chip

Dimming range	5% to 100%
Flicker-free	Yes
Start time	Instant-on, no warm-up
Certifications	CE, RoHS, FCC, SAA, PSE

Certifications stated on datasheet: CE, RoHS, FCC, SAA, PSE

Web page: <https://wellking-led.com/products/led-bulbs-g45-bulb-4w.html>

Led Bulbs A60 10W/9W/7W/5W

A standard A60 LED bulb with a 60mm diameter and pear-shaped design, built to replace incandescent bulbs in residential and commercial settings. The bulb uses original branded LED chips for consistent output and long life, with a plastic surface and aluminum inner housing for heat dissipation and structural stability. Available in 5W, 7W, 9W and 10W power options, each delivering 450 to 1050 lumens with a wide beam angle of 220 degrees. Offers dimmable control from 5% to 100% with flicker-free performance, instant-on capability, and a colour temperature range from 2200K to 6500K. Certified to CE, RoHS, FCC, SAA and PSE standards, and available in single colour or dual colour versions. Designed for direct replacement in standard E27 or E26 lamp holders.

Parameter	Value
Model number	WK-BL-P07-10W / WK-BL-P07-9W / WK-BL-P07-7W / WK-BL-P07-5W
Size	■60*118 mm (10W), ■60*112 mm (7W/5W)
Power	5W, 7W, 9W, 10W
Lumens	450 lm (5W), 630 lm (7W), 810 lm (9W), 1050 lm (10W)
Input voltage	AC85-265V / AC220V / AC110V
Beam angle	220°
CCT	2200-6500K
CRI (Ra)	80 / 90
Base	E27 / E26
Housing material	Plastic surface + aluminum inside
Dimming	5% to 100%, flicker-free
Certifications	CE, RoHS, FCC, SAA, PSE

Certifications stated on datasheet: CE, RoHS, FCC, SAA, PSE

Web page: <https://wellking-led.com/products/led-bulbs-a60-10w-9w-7w-5w.html>