

Well King Lighting Product Catalogue

All 43 LED products in 8 ranges. Specifications as published on wellking-led.com.

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Flexible LED Strip Light

Flexible LED strip light with 3528 SMD and 2216 SMD configurations, designed for curved surfaces, custom runs, and varied environments. Available in multiple LED densities, voltages, and IP ratings, with cuttable segments and dimmable control. Suitable for indoor and outdoor use, including wet and high-humidity areas, with options for single colour, RGB, and tunable white.

Strip Light with 240pcs 3528 Smd Led

A double-row 3528 SMD flexible LED strip with 240 LEDs per metre, designed for low-profile, high-flexibility applications where space is limited and the light must conform to tight curves. The 2.2×1.6mm chip size enables a slim profile of 2-3mm thickness and 8-12mm width, allowing installation in narrow gaps, behind thin displays, or along tight contours. It operates at 12V DC and delivers 19.2W per metre with 6-7 lumens per LED, supporting single colour white (2200-6500K), red, blue, green, and RGB options. The strip is cuttable at 5cm or 10cm intervals and can be bent up to 180 degrees without damage. Available in IP20, IP65, IP66, or IP68 protection levels depending on the application environment.

Parameter	Value
LED type	3528 SMD - double row
Model number	WK-FP3528-240D
LED quantity	240 pcs per metre
Input voltage	DC 12V
Power consumption	19.2W per metre
Thickness	2-3mm
Width	8-12mm
Length options	1m, 2m, 5m, 10m (customizable)
Colour temperature	2200-6500K (white), R/G/B, RGB
CRI (Ra)	>80 / 90 / 95
Beam angle	120°
Lumens per LED	6-7 lm
IP grade	IP20 / IP65 / IP66 / IP68
Dimming	PWM dimmable
Cutting interval	5cm or 10cm marked intervals
Bend radius	Up to 180° at any point

Web page: <https://wellking-led.com/products/strip-light-with-240pcs-3528-smd-led.html>

Strip Light with 3528 Smd Led

A flexible LED strip light using 3528 SMD chips, designed for general ambient and decorative lighting where moderate brightness and easy installation are required. The strip is bendable at any angle up to 180 degrees, cuttable at 5cm or 10cm intervals, and available in multiple lengths and LED densities. It supports PWM dimming and operates on 12V or 24V DC. The chip structure is simple and reliable, with low failure rates and wide compatibility with standard controllers and power supplies. Available in IP20, IP65, IP66, or IP68 protection levels depending on the application, it suits indoor and protected outdoor environments. The 3528 SMD LEDs deliver 6-7 lumens each with a beam angle of 120 degrees, and colour temperature ranges from 2200K to 6500K in white, or single colours like red, blue, and green.

Parameter	Value
LED type	3528 SMD
Model number	WK-FP3528-30D/60D/120D...
PCB width	8mm / 10mm
Input voltage	DC 12V / 24V
LED quantity	30pcs / 60pcs / 120pcs / customizable
Power consumption	2.4W / 4.8W / 9.6W / based on LED quantity
Colour temperature	2200K - 6500K, R/G/B, single colour
CRI (Ra)	>80 / 90 / 95
Beam angle	120°
Lumens per LED	6-7 lm
IP grade	IP20 / IP65 / IP66 / IP68
Thickness	2-3mm
Width	8-12mm
Length	1m / 2m / 5m / 10m / customizable

Web page: <https://wellking-led.com/products/strip-light-with-3528-smd-led.html>

Strip Light with 2216 Smd Led Double Color

A thin, flexible LED strip with 2216 SMD chips designed for tight spaces and curved surfaces where standard strips won't fit. The 2.2×1.6mm chip size enables a 2-3mm thickness, allowing installation in narrow gaps, behind thin displays, or along the edges of furniture. Available in 5mm, 8mm, or 10mm widths with 120 or 240 LEDs per metre, it supports DC 12V or 24V input and offers white and warm white colour temperature tuning. The strip is cuttable at 5cm or 10cm intervals and can be bent up to 180 degrees without damage. IP20 to IP68 protection levels are available, making it suitable for dry, damp or fully submerged environments. Dimmable via PWM, it delivers consistent light output across the run with no visible LED dots.

Parameter	Value
LED type	2216 SMD
Model number	WK-FP2216D-120D / 240D
PCB width	5mm / 8mm / 10mm
Input voltage	DC 12V / 24V
LED quantity	120pcs / 240pcs per metre
Power consumption	9.6W/m / 19.2W/m
Colour temperature	White 2200-6500K, Warm White
CRI (Ra)	>80 / 90 / 95
Beam angle	120°
Lumens per LED	7-8 lm
IP grade	IP20 / IP65 / IP66 / IP68
Cut interval	5cm / 10cm
Bend radius	Up to 180 degrees
Thickness	2-3mm
Length	1m / 2m / 5m / 10m (customizable)

Web page: <https://wellking-led.com/products/strip-light-with-2216-smd-led-double-color.html>

Strip Light with 2216 Smd Led

A thin, flexible LED strip with 2216 SMD chips designed for tight spaces and curved surfaces where standard strips cannot fit. The 2.2×1.6mm chip size enables a profile thickness of 2-3mm, allowing installation in narrow gaps, behind thin displays, or along the edges of furniture. It is cuttable at 5cm or 10cm intervals and can be bent at any angle up to 180 degrees without damaging the circuit. Available in 5mm, 8mm, or 10mm widths with 60 to 300 LEDs per metre, it operates on 12V or 24V DC and supports PWM dimming. IP20 to IP68 protection levels allow use in dry, damp, or fully submerged environments depending on the version selected.

Parameter	Value
LED type	2216 SMD
Model number	WK-FP2216-60D/120D/180D/240D/300D
PCB width	5mm / 8mm / 10mm
Input voltage	DC 12V / 24V
LED quantity	60 / 120 / 180 / 240 / 300 per metre
Power consumption	3.8W / 9.6W / 14.4W / 19.2W / 21W per metre
Colour temperature	2200-6500K, single colour
CRI (Ra)	>80 / 90 / 95
Beam angle	120°
Lumens per LED	7-8 lm
IP grade	IP20 / IP65 / IP66 / IP68
Thickness	2-3mm
Width	5mm / 8mm / 10mm
Length	1m / 2m / 5m / 10m (customizable)

Web page: <https://wellking-led.com/products/strip-light-with-2216-smd-led.html>

Strip Light with 120pcs 5050 Smd Led

A high-brightness 5050 SMD flexible LED strip with 120 LEDs per metre, designed for applications requiring intense output and dynamic colour control. The double-row LED configuration delivers consistent luminance across the strip, with a beam angle of 120 degrees for wide coverage. Available in 12V DC input, it supports dimming via PWM and is compatible with remote, app, or voice control for RGB and RGBW models. The strip is cuttable at 5cm or 10cm intervals and can be bent to any angle up to 180 degrees, making it suitable for curved surfaces. Encapsulated in a flexible PCB with a thickness of 2-3mm and width of 8-12mm, it is offered in IP20, IP65, IP66, or IP68 protection levels depending on the environment. The strip is available in single colour (2200-6500K white, red, blue, green), RGB, or RGBW configurations with CRI Ra above 80 or 90.

Parameter	Value
LED type	5050 SMD - double row
Model number	WK-FP5050-120D
LED quantity	120 pcs per metre
Input voltage	DC 12V
Power consumption	28W
Colour temperature	2200-6500K (white), R/G/B, RGB, RGBW
CRI (Ra)	>80 / 90
Beam angle	120°
Lumens per LED	18-20 lm
IP grade	IP20 / IP65 / IP66 / IP68
Thickness	2-3mm

Width	8-12mm
Length	1m / 2m / 5m / 10m (customizable)
Cut interval	5cm / 10cm marked intervals
Bend radius	Up to 180 degrees at any point

Web page: <https://wellking-led.com/products/strip-light-with-120pcs-5050-smd-led.html>

Strip Light with 5050 Smd Led

A flexible LED strip light with 5050 SMD LEDs designed for high-brightness applications and dynamic color-changing effects. The strip is bendable at any angle up to 180 degrees, allowing installation on curved surfaces without damage. It is cuttable at 5cm or 10cm intervals, with the circuit intact after cutting. Available in single-color white (2200K to 6500K), red, blue, green, RGB, or RGBW configurations. Supports PWM dimming and remote, app, or voice control via Alexa and Google Assistant. Rated from IP20 to IP68 depending on the version, suitable for indoor and outdoor use. Input voltage is DC 12V or 24V, with LED quantity customizable per metre. The strip is 8-12mm wide and 2-3mm thick, available in standard lengths of 1m, 2m, 5m, 10m, or custom lengths.

Parameter	Value
LED type	5050 SMD
Model number	WK-FP5050-30D/60D/72D...
PCB width	10mm
Input voltage	DC 12V / 24V
LED quantity	30pcs / 60pcs / 72pcs / customizable
Power consumption	7.2W / 14.4W / 17.2W / customizable
Color temperature	2200K - 6500K (white), R/G/B, RGB, RGBW
CRI (Ra)	>80 / 90
Beam angle	120°
Lumens per LED	18-20 lm
IP grade	IP20 / IP65 / IP66 / IP68
Thickness	2-3mm
Width	8-12mm
Length	1m / 2m / 5m / 10m / customizable
Cutting interval	5cm / 10cm marked intervals

Web page: <https://wellking-led.com/products/strip-light-with-5050-smd-led.html>

Strip Light with 2835 Smd Led

A flexible LED strip with 2835 SMD chips designed for general lighting in residential, commercial and task applications where brightness, flexibility and cost efficiency are balanced. The 2835 chip size offers higher output than smaller SMDs while maintaining a slim profile. The strip is bendable at any angle up to 180 degrees and cuttable at 5cm or 10cm intervals without damaging the circuit. Available in 12V or 24V DC, with 60, 120 or 168 LEDs per metre, and customizable power consumption. Rated from IP20 to IP68 depending on the version, it supports surface mounting in dry, damp or fully submerged environments. Suitable for kitchens, bathrooms, corridors, under-cabinets, TV backlighting and commercial spaces where consistent brightness and low heat are required.

Parameter	Value
LED type	2835 SMD
Model number	WK-FP2835-60D / 120D / 168D
PCB width	8mm / 10mm

Input voltage	DC 12V / 24V
LED quantity	60pcs / 120pcs / 168pcs per metre, customizable
Power consumption	7.2W / 14.4W / 17.6W per metre
Colour temperature	2200K - 6500K, R/G/B, single colour
CRI (Ra)	>80 / 90 / 95
Beam angle	120°
Lumens per LED	24-26 lm
IP grade	IP20 / IP65 / IP66 / IP68
Thickness	2-3mm
Width	8-12mm
Length	1m / 2m / 5m / 10m, customizable
Cut interval	5cm / 10cm marked intervals

Web page: <https://wellking-led.com/products/strip-light-with-2835-smd-led.html>

LED Bulbs

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>

LED Downlight

Retrofit and adjustable LED downlight with focused beam output, designed for direct replacement in existing fixtures without rewiring or fixture replacement. The downlight uses CREE COB LED chips for high luminous efficiency and precise beam control, suitable for accent lighting on walls, artworks, and architectural details. Available in die-casting aluminum housing with white or black+white trim, with beam angles of 15°, 24°, 36°, and 50°, and colour temperatures from 2700K to 6000K. Supports AC100-240V input with power factor 0.6 for 3-6W and 0.9 for >7W, and is certified to CE, RoHS, FCC, SAA, and PSE.

Adjustable and Retrofit Led Downlight WK-RE-C-XW

An adjustable retrofit LED downlight designed for direct, focused illumination in accent lighting applications such as walls, artworks, and decorative features. The light output is directed through small round holes to achieve strong beam concentration, with a tilting range of 30 degrees and 360-degree rotation for precise beam positioning. Constructed from die-casting aluminum with a white finish, it fits into existing recessed fixtures without requiring a full replacement. Operates on AC100-240V with high luminous efficiency, low power consumption, and flicker-free output. Available in 3-6W, 6-10W, and 10-12W models with multiple beam angles and color temperatures, and supports non-dimmable, triac dim, DALI dim, and 0-10V dim control options. Certified to CE, RoHS, FCC, SAA, and PSE standards.

Parameter	Value
Model	WK-RE-C-XW
Power	3-6W / 6-10W / 10-12W
Input voltage	AC100-240V
LED type	CREE COB
Beam angle	15° / 24° / 36° / 50°
Color temperature	2700K / 3000K / 4000K / 6000K
CRI (Ra)	>80 / >90
Light efficacy	95 lm/W
Power factor	0.6 (3-6W), 0.9 (>7W)
Tilting angle	30°
Rotating angle	360°
Operating temperature	-20°C ~ +40°C
Lifespan	>50,000H (L90, Tc=55°C)
IP grade	IP20
Warranty	3 years
Size	φ65*80mm (open:55mm) / φ85*85mm (open:75mm) / φ85*100mm (open:75mm)

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

Web page: <https://wellking-led.com/products/adjustable-and-retrofit-led-downlight-2.html>

Adjustable and Retrofit Led Wall Wash Downlight

A retrofit LED wall wash downlight with adjustable beam angle and full rotation, designed to replace existing fixtures without rewiring or structural changes. The die-casting aluminum housing provides thermal stability and mechanical strength, while the CREE COB LED delivers high luminous efficiency and consistent light output. Beam angles of 15°, 24°, 36° or 50° allow precise control over the spread of light on walls, and the 30° tilting and 360° rotating mechanism enables targeted illumination of architectural features, artwork or signage. Operates on AC100-240V with power factors of 0.6 for 3-6W and 0.9 for over 7W. Certified to CE, RoHS, FCC, SAA and PSE. Available in four power ranges: 5-7W, 7-10W, 10-15W and 12-18W, with matching sizes and open depths for flush mounting in standard ceiling cutouts.

Parameter	Value
LED type	CREE COB

Model number	WK-RE-B-XW
Input voltage	AC100-240V
Power factor	0.6 (3-6W), 0.9 (>7W)
Light efficacy	95 lm/W
Beam angle	15° / 24° / 36° / 50°
CCT	2700K / 3000K / 4000K / 6000K
CRI	>80 / 90
Tilting angle	30°
Rotating angle	360°
IP grade	IP20
Operating temperature	-20°C ~ +40°C
Lifespan	>50,000H (L90, Tc=55°C)
Warranty	3 years
Control function	Non-dim / Triac dim / DALI dim / 0-10V dim

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

Web page: <https://wellking-led.com/products/adjustable-and-retrofit-led-wall-wash-downlight.html>

Adjustable and Retrofit Led Downlight WK-RE-A-XW

A retrofit LED downlight designed to replace existing fixtures without rewiring or fixture replacement. The unit mounts directly into standard ceiling cutouts, with a tilting range of 30 degrees and 360-degree rotation for beam direction control. Uses CREE COB LED chips for high luminous efficiency and consistent light output. Available in 3-18W power options with multiple beam angles and colour temperatures. Rated for indoor use with IP20 protection, suitable for residential, commercial and office environments where maintenance access is limited. Operates on AC100-240V with multiple dimming options including Triac, 0-10V, DALI and non-dimming. Delivers flicker-free, even illumination with high CRI and long lifespan.

Parameter	Value
Model number	WK-RE-A-XW
LED type	CREE COB
Input voltage	AC 100-240V
Power range	3-5W, 5-9W, 6-8W, 8-10W, 11-13W, 12-18W
Power factor	0.6 (3-6W), 0.9 (>7W)
Light efficacy	95 lm/W
Beam angle	24° / 36° / 40° / 50° / 60°
Colour temperature	2700K / 3000K / 4000K / 6000K
CRI (Ra)	>80 / >90
Tilting angle	30°
Rotating angle	360°
IP grade	IP20
Operating temperature	-20°C ~ +40°C
Lifespan	>50,000H (L90, Tc=55°C)
Warranty	3 years
Control function	Non-dim / Triac dim / 0-10V dim / DALI dim

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

Web page: <https://wellking-led.com/products/adjustable-and-retrofit-led-downlight.html>

Recessed Anti-glare COB Downlight 3W

A recessed-mounted LED downlight with a compact aluminum housing and COB light source designed for clean, glare-free ambient lighting in residential, commercial and office environments. The anti-glare shield reduces direct visibility of the LED chip, delivering soft, uniform illumination without harsh brightness. The 3W power rating and 15° beam angle focus light precisely where needed, ideal for task lighting or accenting architectural features. Built for indoor use with IP20 protection, it operates across a wide voltage range and supports multiple dimming methods. Certified to CE, RoHS, FCC, SAA and PSE standards, it is mercury-free and emits no UV or IR radiation. Available in 2700K, 3000K, 4000K and 6000K colour temperatures with CRI above 80 or 90.

Parameter	Value
Model number	WK-DL-A1-3
Power	3W
Input voltage	AC100-240V
LED type	CREE COB
Colour temperature	2700K / 3000K / 4000K / 6000K
CRI (Ra)	>80 / >90
Beam angle	15°
Power factor	>0.5
Light efficacy	90 lm/W
Lifespan	>50,000H (L90, Tc=55°C)
IP grade	IP20
Operating temperature	-20°C ~ +40°C
Dimming function	Non-dim / Triac / DALI / 0-10V
Size	φ40*29mm (open: 35mm)
Warranty	3 years
Certifications	CE, RoHS, FCC, SAA, PSE

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

Web page: <https://wellking-led.com/products/recessed-anti-glare-cob-downlight-3w.html>

Recessed Adjustable LED Ceiling Spot 360° Rotation

A recessed adjustable LED ceiling spot with 360-degree rotation, designed for precise beam direction in architectural and commercial spaces where lighting must be repositioned after installation. The die-casting aluminum housing provides thermal stability and long-term reliability. The CREE COB LED delivers a focused beam with accurate illumination, available in 24° or 60° beam angles. Anti-glare optics reduce eye strain, and the unit operates on AC100-240V with multiple dimming options. Certified to CE, RoHS, FCC, SAA, and PSE, it is mercury-free and emits no UV or IR radiation. Available in 5W and 7W models with white or black finish, and rated for indoor use with IP20 protection.

Parameter	Value
Model	WK-CL-A43-5W / WK-CL-A43-7W
Power	5W (PF 0.6) / 7W (PF 0.9)
Input voltage	AC 100-240V
LED type	CREE COB
Light efficacy	95 lm/W
Beam angle	24° / 60°
CCT	2700K / 3000K / 4000K / 6000K

CRI	>80 / >90
Tilting angle	360°
Rotating angle	360°
IP grade	IP20
Operating temperature	-20°C ~ +40°C
Lifespan	>50,000H (L90, Tc=55°C)
Warranty	3 years
Size	φ88*33mm (5W), φ108*35mm (7W)

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

Web page: <https://wellking-led.com/products/360-rotation-led-ceiling-spot-5w-7w.html>

Recessed Anti-glare SMD Downlight

A recessed embedded downlight with anti-glare structure designed for ceiling installations where a clean, modern look and uniform soft light are required. The die-casting aluminum housing provides thermal stability and long-term reliability, while the Samsung 2835 SMD LEDs deliver consistent output with no flicker or dark spots. Available in 5W to 15W models with a 120-degree beam angle, it supports multiple dimming methods including Triac, DALI, 0-10V, and non-dim versions. Rated for indoor use with IP20, it operates across a wide voltage range from AC100V to 240V and is certified to CE, RoHS, FCC, SAA, and PSE. The compact size and flush mounting allow for seamless integration into ceilings without protruding fixtures.

Parameter	Value
Model	WK-DL-5 / WK-DL-7 / WK-DL-10 / WK-DL-15
Power	5W / 7W / 10W / 15W
Input voltage	AC100-240V
Power factor	>0.9
Light efficacy	95 lm/W
LED type	Samsung 2835 SMD
CCT	2700K / 3000K / 4000K / 6000K
CRI	>80 / >90
Beam angle	120°
SDCM	<3
Dimming function	Non-dim / Triac dim / DALI dim / 0-10V dim
IP grade	IP20
Operating temperature	-20°C ~ +40°C
Lifespan	>50,000H (L90, Tc=55°C)
Warranty	3 years
Size	φ60*40mm / φ80*40mm / φ90*40mm / φ100*40mm
Open height	55mm / 75mm / 85mm / 95mm

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

Web page: <https://wellking-led.com/products/anti-glare-led-downlight-wk-dl-xx.html>

Recessed Anti-glare COB Downlight

A recessed-mounted LED downlight with anti-glare optics and a COB light source designed for clean, uniform illumination in residential, commercial and office interiors. The die-casting aluminum housing provides thermal stability and long-term reliability, while the anti-glare shield ensures soft, comfortable light without direct glare. The CREE COB chip delivers

high efficacy and consistent beam output across multiple beam angles. Available in 6W, 10W and 20W models with 2700K, 3000K, 4000K and 6000K colour temperatures, and multiple dimming options including Triac, 0-10V, DALI and non-dimming. Certified to CE, RoHS, FCC, SAA and PSE, it operates on AC100-240V with a power factor above 0.9 and a lifespan exceeding 50,000 hours at 55°C. The compact size and flush mounting allow for a clean, unobtrusive installation in ceilings.

Parameter	Value
Model number	WK-DL-A-6 / WK-DL-A-10 / WK-DL-A-20
Power	6W / 10W / 20W
Input voltage	AC 100-240V
Power factor	>0.9
LED type	CREE COB
Colour temperature	2700K / 3000K / 4000K / 6000K
CRI	>80 / 90
Beam angle	15° / 24° / 38°
SDCM	<3
Lifespan	>50,000H (L90, Tc=55°C)
IP grade	IP20
Operating temperature	-20°C ~ +40°C
Warranty	3 years
Dimensions	φ68*63mm (6W), φ85*80mm (10W), φ105*95mm (20W)
Housing material	Die-casting aluminum
Finish	White / Black (Silver / Black / Gold reflector)

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

Web page: <https://wellking-led.com/products/anti-glare-led-cob-downlight-wk-dl-a-xx.html>

Surface Mounted LED COB Downlight

A surface-mounted LED downlight designed for quick installation without ceiling drilling or structural modification. The die-casting aluminum housing provides stable thermal management and long-term reliability. Available in 10W to 40W models with a compact footprint from φ90mm to φ195mm, it fits residential and commercial interiors. Uses CREE COB LED chips with high efficacy of 95 lm/W and a power factor above 0.9. Offers multiple dimming options including non-dim, triac, DALI, and 0-10V. Optical design minimizes glare, and the unit is rated IP20 or IP65 depending on the model. Certified to CE, RoHS, FCC, SAA, and PSE. Suitable for dry and wet locations with operating temperature range from -20°C to +40°C.

Parameter	Value
Model	WK-DL-S-10W / 15W / 20W / 30W / 40W
Power	10W, 15W, 20W, 30W, 40W
Input voltage	AC 100-240V
LED type	CREE COB
Light efficacy	95 lm/W
Power factor	>0.9
CCT	2700K / 3000K / 4000K / 6000K
CRI	>80 / >90
Beam angle	24° / 45°
SDCM	<3
Dimming function	Non-dim / Triac / DALI / 0-10V

IP grade	IP20 / IP65
Operating temperature	-20°C ~ +40°C
Lifespan	>50,000H (L90, Tc=55°C)
Warranty	3 years
Size	φ90×90mm / φ110×120mm / φ130×135mm / φ170×185mm / φ195×195mm
Housing material	Die-casting aluminum
Finish	White / Black

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

Web page: <https://wellking-led.com/products/surface-mounted-led-downlight-wk-dl-m-xx.html>

LED Linear Light

Integrated LED linear tube with built-in driver and housing, designed as a direct replacement for traditional T5 fluorescent tubes in commercial and residential settings. Available in standard T5 sizes with 110lm/w to 140lm/w efficacy, 2700K to 7000K CCT, and 130° beam angle. Also includes specialized versions: RGB IP68 for wet locations, IR940NM for covert surveillance, and suspended/surface-mounted models for flexible installation. All models use 2835 SMD (Samsung) or 5050 SMD (RGB) LEDs with >80 CRI and >50,000 hour lifespan.

LED Linear Tube Light – T5

An all-in-one LED linear tube light designed as a direct replacement for traditional T5 fluorescent tubes, with integrated driver and housing to eliminate the need for external components. Built for commercial and residential retrofit applications, it delivers high luminous efficacy with instant start and no flicker. The aluminium housing with polycarbonate cover provides durability and even light distribution across a wide beam angle. Available in multiple lengths and power ratings, it operates on standard AC voltage and is suitable for indoor environments with ambient temperature from -20°C to +40°C. The 2835 SMD LED chips from Samsung ensure consistent output and long life.

Parameter	Value
Model number	WK-T5-300mm / WK-T5-600mm / WK-T5-900mm / WK-T5-1000mm / WK-T5-1200mm
Power	4W / 8W / 10W / 12W / 14W
Input voltage	AC85-265V / AC110-130V
LED type	2835 SMD (Samsung)
Luminous efficacy	110 lm/W (optional 120-140 lm/W)
Beam angle	130°
CCT	2700K - 7000K / R/G/B
CRI (Ra)	>80 / >90
Dimming	No dimming / DALI / 0/1-10V / Triac (per request)
IP grade	IP20
Operating temperature	-20°C ~ +40°C
Lifespan	>50,000H (L90, Tc = 55°C)
Warranty	3/5 years
Size	300mm x 23mm x 34mm / 600mm x 23mm x 34mm / 900mm x 23mm x 34mm / 1000mm x 23mm x 34mm / 1200mm x 23mm x 34mm

Web page: <https://wellking-led.com/products/led-linear-tube-light-t5.html>

RGB IP68 LED Linear Strip Light

A rigid aluminum-based RGB linear strip light with full IP68 waterproofing, designed for continuous illumination in wet indoor and outdoor environments. The 5050 SMD LEDs are arranged in a uniform array across a silver-finished aluminum housing, delivering consistent light output without visible spots or shadows. The strip operates at DC12V for low-voltage safety and is equipped with mounting clips for quick installation. The IP68 rating ensures it remains functional in high-moisture areas such as bathrooms, showers, pools, and covered outdoor spaces. Available in multiple lengths and LED counts, with a 3-year warranty and full customization available on request.

Parameter	Value
Model number	WK-T5050RGB-IP68
LED type	5050 SMD
Input voltage	DC12V
LED quantity	30 / 60 / 72 / 96 pcs per meter
Length	300 / 500 / 600 / 1000 / 1200mm
Width	10 / 12 / 14 / 20mm

Height	8 / 10 / 12mm
Housing material	Aluminum
Finish	Silver
IP grade	IP68
Beam angle	120°
CRI (Ra)	>80
Color function	RGB color-changing
Dimming	Not dimmable
Operating temperature	-20°C ~ +50°C
Storage temperature	-20°C ~ +70°C
Relative humidity	80% ~ 100% RH
Lifespan	>50,000H (L90, Tc=55°C)
Warranty	3 years
Connection cable	w/IP65 connection cable

Web page: <https://wellking-led.com/products/rgb-ip68-led-linear-strip-light.html>

IR940NM LED Linear Strip Light

An infrared linear light emitting at 940nm, designed for use with night vision and infrared cameras where visible light must be absent. The strip uses 2835 SMD LEDs mounted on an aluminum housing with a PC cover, delivering a consistent, eye-invisible beam with no red glow leakage. Rated for over 50,000 hours at L90, it operates on 24V DC for safe, low-maintenance deployment. The linear profile can be grouped into sheets to cover larger application areas. Available in a standard size of 875mm x 15mm x 10mm, it is intended for custom configurations in security, sensing and automation systems.

Parameter	Value
Emission wavelength	940nm
LED type	2835 SMD
Input voltage	DC 24V
Power consumption	13.2W
Size	875(L) x 15(W) x 10(H) mm
Beam angle	120°
CRI	N/A
SDCM	<3
Lifespan	>50,000 hours (L90, Tc=55°C)
IP grade	IP20
Operating temperature	-20°C to +40°C
Dimming	No dimming
Warranty	3 years
Model number	WK-T940NM
Housing material	Aluminum
Cover material	PC

Web page: <https://wellking-led.com/products/ir940nm-led-linear-strip-light.html>

Suspended LED Linear Tube Light

A suspended LED linear tube light with modular design, built for surface mounting via cables or rods in commercial and industrial spaces. The aluminum housing provides efficient heat dissipation, while the PMMA diffuser delivers uniform, glare-free illumination across the entire length. Available in customizable lengths from 300mm to 3000mm, with options for 2700K to 6500K CCT, and dimming functions including 0/1-10V, Triac, or DALI. The fixture is designed for easy maintenance with quick component replacement and supports both functional and decorative lighting applications in offices, retail, warehouses, and public facilities.

Parameter	Value
Model number	WK-TD5075-xx / WK-TD6075-xx / WK-TD8075-xx / WK-TD-10075-XX / WK-TD12070-XX / WK-TD15070-XX
Housing material	Aluminum
Diffuser material	PMMA
Finish	White, Black
Input voltage	AC 85-265V
LED type	2835 SMD (SamSung)
CCT	2700K - 6500K
CRI (Ra)	>80 / 90
Beam angle	120°
Light efficacy	110 lm/W, 130-150 lm/W (optional)
Dimming	No dimming / 0/1-10V / Triac / DALI
Emergency or sensor	Optional, per request
IP grade	IP20
Operating temperature	-20°C ~ +40°C
Lifespan	>50,000H (L90, Tc = 55°C)
Warranty	3/5 years
Size	Customizable (W) 50-150mm x (H) 70-75mm
Length	300-3000mm, freely customizable

Web page: <https://wellking-led.com/products/suspended-led-linear-tube-light.html>

Surface Mounted LED Linear Tube Light

A surface-mounted LED linear tube light designed for direct installation on ceilings, walls or shelves without requiring recessed grooves. The compact, lightweight construction allows tool-free mounting using screws or adhesive brackets. The fire-retardant PC shell and aluminum base provide durability and heat dissipation, while the high-transmittance PMMA diffuser delivers uniform, glare-free illumination. Available in multiple lengths and with optional IP65 rating for semi-humid environments, it supports 0–10V dimming and is suitable for offices, retail stores, and residential spaces. Input voltage options are DC12V and DC24V, with 2835 SMD LED chips from Samsung. Custom lengths beyond the standard sizes are accepted.

Parameter	Value
Model number	WK-T5370-300mm, WK-T5370-500mm, WK-T5370-1000mm, WK-T5370-1500mm, WK-T4046-300mm, WK-T4046-500mm, WK-T4046-1000mm, WK-T4046-1500mm
Input voltage	DC12V / DC24V
LED type	2835 SMD (Samsung)
Power	4.3W, 7.2W, 14.4W, 21.6W
Length	300mm, 500mm, 1000mm, 1500mm
Width	40mm or 53mm
Height	46mm or 70mm
CCT	2700K–7000K, R/G/B, RGB
CRI	>80 / 90

Beam angle	120°
SDCM	<3
Dimming	0–10V, Triac, DALI, or no dimming
IP grade	IP20 / IP65
Operating temperature	-20°C ~ +40°C
Lifespan	>50,000H (L90, Tc=55°C)
Warranty	3/5 years
Light efficacy	110 lm/W, optional 130–150 lm/W

Web page: <https://wellking-led.com/products/surface-mounted-led-linear-tube-light.html>

LED Spot Light

Directional LED spot light with compact housing and high-efficiency light output, designed for targeted illumination in residential, retail and small commercial spaces. Available in multiple base types and beam angles to suit different mounting and lighting needs. The range includes PAR20, PAR30, PAR38, GU10, MR16, E27, E17, E11 and EZ10 variants, with power options from 3W to 15W and input voltage compatibility across global standards.

Led PAR Lights PAR20/PAR30/PAR38

A directional LED PAR light designed for accent and spot lighting in commercial displays and residential ambient settings. The fixture uses a plastic-clad aluminum housing to balance heat dissipation and weight, with branded LED chips ensuring consistent output. Available in PAR20, PAR30 and PAR38 sizes, each model supports multiple power levels, beam angles and colour temperatures. Operates on AC85-265V, AC220V or AC110V input, with a dimming range from 5% to 100% and flicker-free performance. Certified to CE, RoHS, FCC, SAA and PSE standards. The E27, E26 and B22 bases allow direct replacement in standard lamp holders without rewiring. All units are 100% tested before delivery.

Parameter	Value
Model	WK-SL-PAR20 / WK-SL-PAR30 / WK-SL-PAR38
Size	PAR20: Ø63×82 mm, PAR30: Ø95×112 mm, PAR38: Ø120×135 mm
Power	5W / 7W / 10W / 12W / 13W / 15W
Lumens	500 / 700 / 1000 / 1200 / 1300 / 1500 lm
Input voltage	AC85-265V / AC220V / AC110V
Beam angle	25° / 45° / 60°
CCT	2200K - 6500K
CRI	80 / 90
Base	E27 / E26 / B22
Housing material	Plastic-clad aluminum
Dimming range	5% - 100%
Flicker-free	Yes
Certifications	CE, RoHS, FCC, SAA, PSE

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

Web page: <https://wellking-led.com/products/led-par-lights-par20-par30-par38.html>

Led Spot Lights GU10/MR16/E27

Compact LED spot lights with die-casting aluminum housing, designed for precise, energy-efficient illumination in residential cabinetry, retail displays, artwork highlighting, and small commercial spaces. Available in GU10, MR16 and E27 base types with input voltages from AC85-265V, AC110V, AC220V and DC12V. Branded LED chips ensure consistent output and long life. Flicker-free operation supports visual comfort and video capture. CE, RoHS, FCC, SAA and PSE certifications confirm compliance with international safety and environmental standards. The housing is available in white, black or silver finish. Lumens range from 400 to 500 depending on the model. Beam angles are 25° or 45°. Colour temperature spans 2200K to 6500K with CRI Ra 80 or 90. All units are 100% tested before delivery.

Parameter	Value
Model number	WK-SL-D27-GU10 / WK-SL-D27-MR16 / WK-SL-D27-E27
Housing material	Die-casting aluminum
Base type	GU10 / MR16 (GU5.3) / E27/E26
Input voltage	AC85-265V / AC220V / AC110V / DC12V
Power	4X1W / 5X1W
Lumens	400 lm / 500 lm

Beam angle	25° / 45°
CCT	2200K - 6500K
CRI (Ra)	80 / 90
Dimming range	5% - 100%
Flicker-free	Yes
Certifications	CE, RoHS, FCC, SAA, PSE
Housing finish	White / Black / Silver
Dimensions	Ø50*54mm / Ø50*52mm / Ø50*40mm / Ø50*60mm

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

Web page: <https://wellking-led.com/products/led-spot-lights-gu10-mr16-e27.html>

Led Spot Lights GU10/MR16/E17/E11

Compact LED spot lights with GU10, MR16, E17 and E11 bases for targeted illumination in residential cabinetry, retail displays, artwork highlighting and small commercial spaces. The aluminium housing provides efficient heat dissipation and durable finish in silver or white. Branded LED chips deliver consistent output with flicker-free operation and a dimming range from 5% to 100%. Available in 3W, 5W and 6W power options with beam angles of 24°, 38° or 60°, and colour temperatures from 2200K to 6500K. Certified to CE, RoHS, FCC, SAA and PSE for global market compliance. Input voltage options include AC85-265V, AC220V, AC110V and DC12V depending on base type.

Parameter	Value
Model number	WK-SL-D17-GU10 / MR16 / E17 / E11
Power	3W / 5W / 6W
Lumens	280 / 470 / 570 lm
Input voltage	AC85-265V / AC220V / AC110V / DC12V
Beam angle	24° / 38° / 60°
Colour temperature	2200K - 6500K
CRI (Ra)	80 / 90
Base type	GU10 / MR16 (GU5.3) / E17 / E11
Housing material	Aluminium (silver/white)
Dimensions	Ø50*51.5mm to Ø50*69mm
Dimming range	5% - 100%
Flicker-free	Yes
Certifications	CE / RoHS / FCC / SAA / PSE

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

Web page: <https://wellking-led.com/products/led-spot-lights-gu10-3w-5w-6w.html>

Led Spot Lights GU10/MR16/EZ10/E11

Compact LED spot lights with die-casting aluminum housing designed for precise, focused illumination in residential cabinetry, retail displays, artwork highlighting, and small commercial spaces. Available in GU10, MR16, EZ10, and E11 bases with 5W power, 400 lumens output, and multiple beam angles. Uses original branded LED chips for consistent performance and flicker-free operation. Certified to CE, RoHS, FCC, SAA, and PSE. Input voltage supports AC85-265V, AC220V, AC110V, or DC12V depending on model. Housing available in white, black, or silver finish. Designed for easy integration into existing fixtures and retrofit applications.

Parameter	Value
Model number	WK-SL-D26-GU10 / MR16 / EZ10 / E11

Power	5W
Lumens	400 lm
Input voltage	AC85-265V / AC220V / AC110V / DC12V
Beam angle	15° / 24° / 36° / 45° / 60°
CCT	2200K - 6500K
CRI (Ra)	80 / 90
Base type	GU10 / MR16 / EZ10 / E11
Housing material	Die-casting aluminum (white / black / silver)
Dimensions	Ø50*54mm (GU10), Ø50*52mm (MR16), Ø50*40mm (MR16), Ø50*65mm (EZ10/E11)
Dimming range	5% - 100%
Flicker-free	Yes
Certifications	CE, RoHS, FCC, SAA, PSE

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

Web page: <https://wellking-led.com/products/led-spot-lights-gu10-5w.html>

LED Wall Washer

Slim LED wall washer designed for continuous linear illumination on large building surfaces, with modular connection for extended runs. The unit features an aluminum housing with tempered glass, available in black or grey finish, and delivers high brightness with uniform light distribution across 30°x70° or multiple beam angles. Suitable for architectural and landscape lighting where consistent projection and durability are required.

Slim LED Wall Washer W38

A slim-profile LED wall washer designed for architectural facades, landscapes, and commercial venues where a continuous, uniform light line is needed across large surfaces. The fixture uses Osram branded LED chips with high brightness and CRI above 80 or 90, delivering vivid color rendering. It features a corrosion-resistant aluminum housing with tempered glass cover, IP65 or IP67 waterproof rating, and adjustable brackets for quick wall or building mounting. Available in 9W, 12W, 18W, 24W, and 36W models with a consistent W38*H49mm profile. The beam angle is adjustable between 15°, 20°, 30°, 60°, or 30°x70°, and the fixture supports dimming via 0/1-10V, Triac, or DALI. Effective projection distance is 5 to 10 meters, and it operates on AC100-240V. No UV or IR radiation, mercury-free, and low heat emission make it a green lighting solution.

Parameter	Value
Model number	WK-T2XQ-xxW
Power	9W / 12W / 18W / 24W / 36W
Size	W38*H49*L500mm (9W/12W/18W) / L1000mm (18W/24W/36W)
Input voltage	AC100-240V
LED type	Osram chip
CRI	>80 / 90
Beam angle	15° / 20° / 30° / 60° / 30°x70°
Light efficacy	110 lm/W / 120-140 lm/W (optional)
Color temperature	2700K - 7000K
Dimming	0/1-10V / Triac / DALI
IP grade	IP65 / IP67
Operating temperature	-20°C ~ +50°C
Lifespan	>50,000H (L90, Tc=55°C)
Warranty	3 / 5 years

Web page: <https://wellking-led.com/products/led-wall-washer-led-wash-wall-light-9w-12w-18w-24w-36w.html>

Slim LED Wall Washer W36

A slim-profile LED wall washer designed for continuous linear illumination on large architectural surfaces, with a modular connection system allowing multiple units to be linked end-to-end. The aluminum housing with tempered glass lens provides a rigid, weather-resistant enclosure suitable for indoor and outdoor installations. Available in 12W, 14W, 18W and 24W models, each with a 1000mm length and a 36mm width, the fixture delivers high brightness with uniform light distribution and vivid color rendering. The Osram branded LED chips ensure consistent performance across the run. Dimmable options include 0/1-10V, Triac and DALI, with color-changing functions available in RGB and RGBW. The fixture operates on DC24V and has an effective projection distance of 5 to 10 meters, making it suitable for façades, landscapes and public spaces where consistent, directional light is needed.

Parameter	Value
Model number	WK-T1XQ-12W / WK-T1XQ-14W / WK-T1XQ-18W / WK-T1XQ-24W
Power	12W / 14W / 18W / 24W
Input voltage	DC24V

Size	W36 × H24 × L1000mm
Beam angle	5° / 10° / 24° / 30° / 45° / 60°
CCT	2700K - 7000K / R/G/B / RGB / RGBW
CRI	≥80 / ≥90
Light efficacy	120 lm/W / 130-150 lm/W (optional)
IP grade	IP65 / IP67
Operating temperature	-20°C ~ +50°C
Lifespan	>50,000H (L90, Tc=55°C)
Warranty	3 / 5 years
LED type	Osram chip
Function	Dimmable (0/1-10V, Triac, DALI) / Color-changing (RGB/RGBW)

Web page: <https://wellking-led.com/products/led-wall-washer-led-wash-wall-light12w-14w-18w-24w.html>

LED Wall Washer Projection Lamp W186

A high-power LED wall washer projection lamp designed for architectural facades, landscapes and large-scale outdoor installations where consistent, long-distance light projection is required. The unit features a corrosion-resistant aluminum housing with tempered glass lens, delivering uniform light distribution across a 20 to 60-degree beam angle. Available in 80W to 240W models, it operates on AC100-240V or DC24V, with options for dimming via 0/1-10V, Triac or DALI. CRI above 80 or 90 ensures accurate color rendering, while the IP65/IP67 rating supports indoor and outdoor use in harsh environments. The lamp is suitable for mounting on walls, buildings and landscape structures using adjustable brackets. Light output reaches up to 50 meters effectively, with low heat emission and no UV/IR radiation. All models use branded Cree 3535 LED chips and are tested before delivery.

Parameter	Value
Model number	WK-PXQ-80W / WK-PXQ-120W / WK-PXQ-150W / WK-PXQ-200W / WK-PXQ-240W
Input voltage	AC100-240V / DC24V
Power	80W / 120W / 150W / 200W / 240W
LED type	Cree 3535
CRI (Ra)	>80 / >90
Beam angle	20° / 30° / 45° / 60°
Color temperature	2700K - 7000K
Light efficacy	120 lm/W / 130-150 lm/W (optional)
IP grade	IP65 / IP67
Operating temperature	-20°C ~ +50°C
Lifespan	>50,000H (L90, Tc = 55°C)
Warranty	3 / 5 years
Dimensions (L x W)	330 x 186mm / 430 x 186mm / 530 x 186mm / 630 x 186mm
Carton size	385 x 230 x 235mm / 485 x 230 x 235mm / 585 x 230 x 235mm / 685 x 230 x 235mm
Gross weight	6.5 kg / 8.1 kg / 9.8 kg / 11.5 kg

Web page: <https://wellking-led.com/products/led-wash-wall-lamp-projection-lamp-80w-120w-150w-200w-240w.html>

Silicone Flexible Led Strip Light

Silicone-encapsulated LED strip designed for wall washing, underwater, and architectural contour lighting where a continuous, uniform light line is required without visible LED dots. The strip uses dedicated optics and a fully sealed silicone body to deliver glare-free, durable performance in wet, humid, or outdoor environments. Available in top view, side view, 360-degree, and underwater configurations, with DC 12V or 24V operation and DMX512 addressable control for dynamic effects. Custom LED density and run lengths are supported.

Silicone Flexible Wall Washing Strip – 16*16mm 48pcs Led

A narrow-beam silicone flexible wall washing strip designed for even, glare-free illumination on vertical surfaces such as building facades, feature walls and exhibit panels. The 16x16mm profile with 48 SMD 2835 LEDs per metre delivers a 30-degree beam angle, concentrating light precisely on the wall without spill or hotspots. Fully encapsulated in UV-resistant silicone, it achieves IP67/IP68 sealing for reliable performance in indoor and outdoor environments. Operates on DC 24V for stable brightness over long runs, with pre-marked cut points and standard connectors enabling custom lengths and extensions. The strip is flexible enough to follow curved architectural contours without light leakage, making it suitable for both straight and gently curved installations.

Parameter	Value
Model number	WK-SP2835-48
LED type	2835 SMD
Housing material	Silicone
Size	16×16 mm (PCB width: 22 mm)
Input voltage	DC 24V
LED quantity	48 pcs/m
Power consumption	16W–18W/m
Colour temperature	1800–7000K, R/G/B
CRI (Ra)	>80 / 90
Beam angle	30°
Lumens per watt	>90 lm/W
IP grade	IP67 / IP68
Connectors	Standard, spliceable

Web page: <https://wellking-led.com/products/silicone-flexible-wall-washing-strip-1616mm-48pcs-led.html>

Underwater LED Silicone Strip Light

An underwater LED silicone strip light designed for continuous contour lighting in pools, fountains, aquariums and spas where long-term immersion is required. The full IP68 sealing prevents water ingress even under constant submersion, and the integrated injection-molded silicone housing provides a seamless, corrosion-resistant body. Flexible and bendable into complex shapes, the strip maintains its integrity in dynamic water environments. Powered by low-voltage DC 24V, it is safe for use in wet and humid zones. Available in 2835 SMD or 2012 SMD with colour temperature from 2700K to 6500K, or RGB, and CRI Ra above 80 or 90, with lumen output per watt above 90 lm/W.

Parameter	Value
LED type	2835 SMD / 2012 SMD
Model number	WK-SPxx-xx underwater
Housing material	Silicone
Size	16*15 mm
Input voltage	DC 24V
LED quantity / Power consumption	10W - 14.4W

Colour temperature	2700K - 6500K / R/G/B / RGB
CRI (Ra)	>80 / >90
Beam angle	Side view
Lumens per watt	>90 lm/W
IP grade	IP68
Minimum bending radius	Not specified
Dimming	Not specified

Web page: <https://wellking-led.com/products/underwater-led-silicone-strip-light.html>

Silicone LED Neon Flex Strip-DMX512 Control

A silicone encapsulated LED strip with built-in DMX512 control for dynamic lighting effects across multiple connected runs. The strip uses RGB SMD LEDs with a DMX512 IC that enables master-slave synchronization, allowing coordinated color and brightness changes across long or complex installations. The 20×20 mm profile is fully encapsulated in UV-resistant silicone, providing IP67/IP68 waterproofing and protection against dust, corrosion and mechanical stress. Designed for continuous runs with pre-marked cut points and spliceable connectors, it supports 12V or 24V DC input and delivers a beam angle from 180° to 360°, depending on installation orientation. Available in 60 or 120 LEDs per metre with power consumption of 10W or 20W respectively.

Parameter	Value
LED type	RGB SMD
Model number	WK-SPxx-xx
Housing material	Silicone
Size	20×20 mm / customizable
Input voltage	DC 12V / 24V
LED quantity	60 pcs / 120 pcs per metre
Power consumption	10W / 20W per metre
Color temperature	RGB
CRI (Ra)	>80
Beam angle	180° to 360°
Efficacy	>80 lm/W
IP grade	IP67 / IP68
Control protocol	DMX512
Cuttable	At pre-marked intervals
Spliceable	With connectors

Web page: <https://wellking-led.com/products/silicone-led-neon-flex-strip-dmx512-control.html>

Silicone LED Neon Flex Strip-360° View

A fully encapsulated silicone LED strip with 360-degree light emission, designed for applications requiring uniform cylindrical glow without directional bias. The translucent silicone housing wraps the entire LED array, enabling even light output in all directions, eliminating dark spots or uneven brightness. Constructed from soft, high-quality silicone, it maintains flexibility and durability when bent, twisted or coiled into complex shapes. Rated IP67 or IP68, it resists water, dust and corrosion, making it suitable for both indoor and outdoor installations. Available in 12V or 24V DC, with LED types including 2835, 5050, 3528, 2216 SMD or COB, and color options ranging from single-color white (1800K–7000K) to RGB and RGBW with dimming and color adjustment. Cuttable at pre-marked intervals and spliced with dedicated connectors, it supports custom lengths and configurations for diverse

Parameter	Value
LED type	2835 / 5050 / 3528 / 2216 SMD or COB
Model number	WK-SPxx-xx360°
Housing material	Silicone
Size	φ13 / φ15 / φ19 / φ22...
Input voltage	DC 12V / 24V
LED quantity	Customizable
Power consumption	Based on LED quantity
Colour temperature	1800-7000K, R/G/B, RGB, RGBW
CRI (Ra)	>80 / 90 / 95
Beam angle	360°
Efficacy	>90 lm/W
IP grade	IP67 / IP68
Cutting	Pre-marked intervals for clean separation
Splicing	Dedicated connectors for joining runs

Web page: <https://wellking-led.com/products/silicone-led-neon-flex-strip-360-view.html>

Silicone LED Neon Flex Strip- Top View (all Sizes)

A top-emitting silicone neon flex strip designed for ceiling coves, cornices, and recessed channels where light must go straight up and the fixture must remain invisible. The LED chips are mounted at 90 degrees to the strip surface, directing output into the ceiling plane instead of spilling sideways. Food-grade high-transparency silicone encapsulates the flexible FR-4 substrate, providing a continuous line without visible LED dots. Rated IP67, it withstands washdown areas, UV exposure, and corrosion near kitchens and pools. Available in 12V or 24V DC, with LED types 2835, 5050, 3528, 2216 SMD or COB, and colour options from 1800K to 7000K, RGB or RGBW, with LED quantity per metre customisable to match project brightness needs.

Parameter	Value
LED type	2835 / 5050 / 3528 / 2216 SMD or COB
Model number	WK-SPxx-xx
Housing material	Silicone
Input voltage	DC 12V / 24V
LED quantity	Customizable
Power consumption	Based on LED quantity
Colour temperature	1800-7000K, R/G/B, RGB, RGBW
CRI (Ra)	>80 / 90 / 95
Beam angle	120°
Efficacy	>90 lm/W
IP grade	IP67 / IP68
Minimum bending radius	≥10mm, single direction
Dimming	PWM ≥20kHz, 10% to 100%

Web page: <https://wellking-led.com/products/silicone-led-neon-flex-strip-top-view-all-sizes.html>

Silicone LED Neon Flex Strip- Side View (all Sizes)

A side-emitting silicone neon flex strip designed for wall washing, edge lighting, and illuminating vertical surfaces where the light must project horizontally. The LED chips are mounted perpendicular to the strip surface, directing output laterally instead of upward or downward. The food-grade, high-transparency silicone encapsulation provides IP67 waterproofing, UV and corrosion resistance, and acts as a diffusion layer to eliminate visible LED dots. Flexible FR-4 is fully wrapped in silicone, resulting in a slim profile that maintains structural stability while allowing bends with a minimum radius of 10mm in one direction. Available in 12V or 24V DC, with LED types 2835, 5050, 3528, 2216 SMD or COB, and colour options including warm white, natural white, cool white, RGB or RGBW, with CRI Ra above 80, 90 or 95. LED quantity per metre is customizable to match the required brightness and

Parameter	Value
LED type	2835 / 5050 / 3528 / 2216 SMD or COB
Model number	WK-SPxx-xx
Housing material	Silicone
Input voltage	DC 12V / 24V
LED quantity	Customizable
Power consumption	Based on LED quantity
Colour temperature	1800-7000K, R/G/B, RGB, RGBW
CRI (Ra)	>80 / 90 / 95
Beam angle	120° - 150°
Efficacy	>90 lm/W
IP grade	IP67 / IP68
Minimum bending radius	≥10mm, single direction
Dimming	PWM ≥20kHz, 10% to 100%

Web page: <https://wellking-led.com/products/silicone-led-neon-flex-strip-side-view-all-sizes.html>

Solar Led Lights

Solar-powered LED lighting for outdoor areas where wiring is impractical or costly. These fixtures operate independently of the grid, charging during daylight and providing automatic illumination at night. Available in wall-mounted, freestanding and pole-mounted configurations with motion or dusk-to-dawn sensing, suitable for low-maintenance, off-grid installations in residential, commercial and public spaces.

Smiley Solar Garden Wall Light

A compact solar-powered wall-mounted garden light designed for outdoor use without wiring or electricity costs. The unit uses a monocrystalline silicon PET laminated solar panel to charge a built-in battery during daylight, enabling automatic operation from dusk to dawn or motion-triggered lighting. Available in black or copper finish with two operational modes: motion sensor and light control. The housing is made from ABS+PC for durability, and the IP55 rating ensures protection against dust and water splashes. The light source uses SMD2835 LEDs, delivering 50 to 100 lumens with adjustable color temperature from 3000K to 6000K. The unit is small, easy to install, and requires no professional help.

Parameter	Value
Model number	BK-3688
Product category	Solar led lights
Housing material	ABS+PC
Housing color	Black / Copper
Product size	7.6 x 3.5 x 13.5 cm
Solar panel	5V 100mA monocrystalline silicon PET laminated (motion sensor) / 2V 100mA (light control)
Battery	3.7V 800mAh lithium rechargeable (#14500) / 1.2V 800mAh NiMH (AA)
Light source	8LED SMD2835 (motion sensor) / 4LED SMD2835 + 1LED F5 (light control)
Luminous flux	100LM (motion sensor) / 50LM (light control)
Color temperature	3000K - 6000K
Lighting mode	3 time modes selectable via pin switch
IP grade	IP55
Switch type	Pin to turn on and change modes
Operating time	Depends on battery and mode used

Web page: <https://wellking-led.com/products/smiley-solar-garden-wall-light.html>

36LED Solar Led Wall Light

A solar-powered LED wall light designed for outdoor use without wiring or electricity costs. Built with a 6V 2.5W solar panel and 3.7V 2000mAh lithium battery, it operates on 3.7V DC with a rated power of 4W and delivers 400 to 450 lumens. Features motion sensor and dusk-to-dawn functionality for automatic operation. Available in black or white finish, with or without a mounting pole. IP65 rated for weatherproof performance in all seasons. Compact size and simple installation allow placement anywhere with sunlight exposure. The light is self-sustaining and reduces long-term energy costs.

Parameter	Value
Solar panel	6V 2.5W
Battery	3.7V 2000mAh Lithium
Working voltage	3.7V DC
Working current	1.2A
Rated power	4W
Lumens	400-450lm

CCT	2700K-6000K
IP rating	IP65
Sensor type	Motion and dusk-to-dawn
Mounting option	With or without pole
Finish	Black or white
Operating temperature	Not specified
Charging time	Not specified
Battery life	Not specified

Web page: <https://wellking-led.com/products/36led-solar-led-wall-light.html>

6LED Side Walk Solar Led Light

A portable solar-powered flood light with six 0.2W 2835 LEDs and a Taiwan Epistar chip, designed for low-maintenance outdoor lighting in stairs, trails, courtyard walls and hotel passages. The unit charges during the day via a 5.5V/0.5W solar panel and operates automatically at night on a constant mode. It uses a 1.2V/600mAh Ni-MH battery and is rated IP65 for dust and water resistance. No wiring or electricity cost is required, and the light runs for more than 10 to 15 hours after a full charge. Available in white or warm white, it is suitable for decorative and functional lighting in semi-outdoor areas.

Parameter	Value
LED type	6 x 0.2W 2835 with Taiwan Epistar chip
Solar panel	5.5V / 0.5W
Battery	1.2V / 600mAh Ni-MH
Working mode	Constant
Waterproof grade	IP65
Working hours	More than 10-15 hours after fully charged
Colour	White / Warm White
Input voltage	5.5V DC
Output voltage	1.2V DC
LED quantity	6 pcs
Chip brand	Taiwan Epistar
Battery type	Ni-MH

Web page: <https://wellking-led.com/products/6led-side-walk-solar-led-light.html>

56LED Solar Powered PIR Sensor Flood Light

A portable solar-powered flood light with 56 SMD2835 LEDs, designed for outdoor areas where wiring is impractical or unavailable. The unit charges via a 6V/2.5W solar panel during daylight and stores energy in a 3.7V/2200mAh Li-ion battery. It operates in three selectable modes—motion-sensing, dusk-to-dawn, and manual—offering energy savings and flexibility. The 800LM output at 4000-6000K provides bright, neutral white illumination. IP65 waterproof rating ensures durability in rain and outdoor exposure. No installation wiring required, and the unit is self-contained with a built-in PIR sensor and rechargeable battery.

Parameter	Value
Solar Panel	6V / 2.5W
Battery	3.7V / 2200mAh Li-ion
LED Type	56 x SMD2835, 0.2W / 30LM each
Total Luminous Flux	800LM

Color Temperature	4000K - 6000K
Sensor Range	120°, 20-32 ft
Waterproof Rating	IP65
Output Power	5.0W after full charge
Charge Time	6-8 hours under sunshine
Operating Modes	Motion-sensing, Dusk-to-dawn, Manual
Input Voltage	DC 6V from solar panel
Battery Type	Li-ion

Web page: <https://wellking-led.com/products/56led-solar-powered-pir-sensor-flood-light.html>