

LED Wall Washer Datasheet

3 products in this range. Specifications as published on wellking-led.com.

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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
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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>