

CM-300-PL

300W LED Color Wash Panel Light



Paint every mood, evenly. 512-chip RGBW panel with PFC>95 color, 20,000-level grayscale dimming, and silent fanless cooling — seamless wash color built to hold true at any scale

A wash panel's job is coverage — a clean, even field of color across a backdrop, a truss, or an entire set, with no hot spots to give away where the light is coming from. The CW300 delivers exactly that: 512 RGBW 4-in-1 LED chips packed into a single panel, blending into one seamless wash rather than a grid of visible points.

At PFC>95, color renders with a fidelity most wash panels don't reach, while 20,000-step grayscale and 0–100% linear dimming at a 1.2KHz dimming frequency keep every fade smooth enough to trust on camera as well as live. RGBW mixing gives the full Chamaeleon palette to work with, controllable via DMX512 or manual operation through a simple LCD-and-four-key panel — fast setup for LDs who need the CW300 up and painting, not buried in menus.

Fanless natural heat dissipation keeps the panel silent on stage, an aluminum alloy shell keeps it durable on the road, and a 50,000-hour lamp life keeps it painting true well past a single production cycle.

Color, covered evenly, held true — Chamaeleon's promise, at panel scale.

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SPECIFICATIONS

Light Source	512× F5 RGBW 4-in-1 LED chips
Rated Power	300W
Input Voltage	AC 90–220V, 50/60Hz
Color Rendering Index	PFC >95
Dimming	0–100% linear, 1.2KHz frequency, 20,000 gray levels
Control	DMX512 or manual, 4CH/8CH
Display	LCD + four-key panel
Cooling	Fanless, natural heat dissipation
Housing	Aluminum alloy
Protection Rating	IP20
Operating Range	-25°C to 35°C
Lifespan	50,000+ hours
Lamp Body Size	56 × 34 × 12 cm
Net Weight	7 kg