

OR-300-B

300W LED Moving Head Beam



Expression in motion. 540°/280° pan-tilt at 16-bit precision, full color/gobo/prism effects, and dual-chip strobe — beam performance engineered to move with the story.

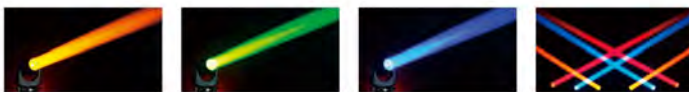
A beam fixture doesn't just move — it performs. The S300 is Orion's statement of intent: a 300W moving head built to cover 540° of pan and 280° of tilt at 16-bit precision, turning every movement into something deliberate, not just fast.

Underneath that motion sits a full effects engine — a 10-color wheel plus white, a 15-gobo wheel with gobo flicker, unidirectional flow, adjustable speed, and arbitrary positioning, alongside a rainbow wheel, frost filter, 8-facet prism, and 48-facet honeycomb prism with bi-directional rotation and motorized indexing. Zoom optics from 0°–3.9° and electronic focus at 20 meters give the beam a range from razor-thin to fully open, all under 0–100% dimming and dual-chip strobe running 0.5–14 times per second across synchronous, asynchronous, and random modes.

An LCD bilingual display puts full control at the operator's fingertips, and RDM-enabled DMX512 with thermal protection keeps that control reliable console-side and fixture-side alike. This isn't motion for its own sake — it's motion engineered to carry an audience's eye exactly where the story needs it, exactly when it needs to get there.

Movement is the language. The S300 speaks it fluently.

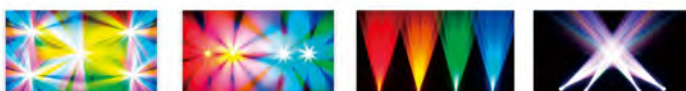
Beam Effect



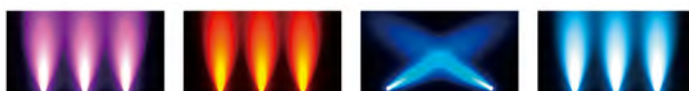
Goba Effect



Prism Effect



Atomization Effect



Color Wheel



Gobo Wheel



OR-300-B

300W LED Beam Moving Head

SPECIFICATIONS

Light Source	300W / 200W LED module
Rated Power	400W / 300W
Input Voltage	AC 90–240V, 50/60Hz
Color Temperature	8000K
Beam Angle	160°
Zoom	0°–3.9°, electronic focus at 20m
Color Wheel	10 colors + white
Gobo Wheel	15 gobos + white, flicker, unidirectional flow, adjustable speed, arbitrary positioning
Effects	Rainbow wheel, frost filter, 8-prism, 48-prism honeycomb (bi-directional, motorized index)
Dimming	0–100%
Strobe	Dual-chip, 0.5–14 times/s — sync, async, random
Pan (Horizontal)	540°, 16-bit precision
Tilt (Vertical)	280°, 16-bit precision, auto-return
Control	DMX512, RDM-enabled, 3-pin/5-pin, 18CH, thermal protection
Display	LCD, bilingual (CN/EN)
Dimensions	340 × 170 × 560 mm
Net Weight	15 kg