



LIGHTING FIXTURE COMPARISON CHART

Manufacturer	Vari-Lite	Vari-Lite	PRG	Martin	Clay Paky	Martin	Martin	Clay Paky	PRG
Type	Spot	Spot	Spot	Spot	Spot	Spot	Spot	Spot	Spot
Fixture Model	VL3500 Spot	VL3000 Spot	Best Boy 4000	MAC III Performance	Alpha Profile 1500	MAC III Profile	Viper Profile	Alpha HPE 1500	Bad Boy CMY
Max. Output (verified)*	14,100 Lumens	19,000 Lumens	20,000 Lumens	22,000 Lumens	22,500 Lumens	24,000 Lumens	26,000 Lumens	25,000 Lumens	48,000 Lumens
CRI	85	85	75	85	75	85	65	75	72
Lamp	MSR 1200 SA/DE	MSR 1200 SA /DE	MSR 700	Osram HTI 1500W/60/P50	Osram Lok-It 1500W	Osram HTI 1500W/60/P50	Osram HTI 1000/ PS Lok-it	Osram Lok-It 1500W	MSR Gold 1200W FastFit
Wattage	1200W	1200W	700W	1500W	1500W	1500W	1000W	1500W	1400W
Color Temperature	6000K	6000K	6000K	6000K	6000K	6000K	6000K	6000K	5600K
Dimmer	Glass Wheel	Glass Wheel	Glass Wheel	Metal Claw	Dual Blade	Metal Claw	Metal Claw	Dual Blade	Glass Wheel
Strobe	Dual Blade	Dual Blade	Wheel	Dual Blade & Electronic	Yes & Electronic	Dual Blade & Electronic	No	Yes	Wheel
Pan/Tilt	540°/270°	540°/270°	615°/260°	540°/268°	540°/242°	540°/268°	540°/268°	540°/242°	540°/270°
Color Temperature	Variable CTO	Variable CTO	3000K to 7500K High CRI	Variable CTO	Variable CTO	Variable CTO	Variable CTO	Variable CTO	Fixed CTO & Minus Green Filters
Color Mixing	CMY Wheels	CMY Wheels	CMY Wheels	CMY Curtains	CMY Wheels	CMY Curtains	CMY Curtains	CMY Wheels	CMY Wheels
Designer Color Wheel 1	6+1	6+1	7+1	7+1	6+1	7+1	8+1	6+1	7+1
Fixed Gobo	6+1	No	No	No	8+1	No	4+1	8+1	No
Rotating Gobo 1	5+1	5+1	6+1	5+1	6+1	5+1	5+1	6+1	7+1
Rotating Gobo 2	No	5+1	6+1	No	No	5+1	5+1	6+1	7+1
Effects 1	No	4+1	1 Effect (3+1 prisms & glass gags)	1 Animation Wheel	No	1 Animation Wheel	Animation Range on Fixed wheel	1 Animation Wheel	1 Prism & 1 Glass Gag
Effects 2	No	No	No	No	1 Prism	4 Facet Prism	4 Facet Prism	1 Prism	No
Frost	No	No	Variable	Yes	1 Fixed	No	Yes	2 Fixed	Variable
Framing Shutters	4 Blade, 2 plane tilt+/-30° rotate +/-50°	No	4 Blade, 2 plane tilt+/-30° rotate +/-60°	4 Blade, 4 plane continuous rotation	4 Blade, 4 plane rotate +/-90°	No	No	No	No
Iris	No	Yes	Yes	Yes	1 Iris	Yes	Yes	2 Iris (Std & Rev)	Yes
Zoom	6:1	6:1	8:1	5:1	9:1	5:1	4:1	9:1	8:1
On Board Battery	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Voltage Range	200V-264V	200V-264V	90V-264V Autoranging	200V-264V	200V-264V	200V-264V	120V-240V Autoranging	200V-264V	200V-240V
Amperage @208V, 60Hz	9.9 amps	9.9 amps	5 amps	8.8 amps	12.4 amps	8.8 amps	5.8 amps	12.4 amps	9 amps
DMX Channels	31	28	45	40	43	30	34	40	42
C-to-C Hanging	26 in.	26 in.	33 in. (with nose cone extended)	31 in.	28 in.	31 in.	26 in.	28 in.	30 in.
Weight	91 lbs	94 lbs	106 lbs	121 lbs	121 lbs	121.8 lbs	80 lbs	112 lbs	167 lbs

* THE FIGURES FOR VERIFIED LUMENS HAVE BEEN MEASURED AND CONFIRMED BY PRG, OTHER FIGURES ARE TAKEN FROM DATA PUBLISHED BY THE MANUFACTURER. ALL OF THE FIXTURES MEASURED WERE TAKEN FROM PRG RENTAL INVENTORY. ALL FIXTURES HAD LAMPS WITH BETWEEN 10 AND 100 HOURS OF OPERATION AND WERE OPTIMIZED FOR LAMP ALIGNMENT.