Aputure®

Aputure LS 600c Pro Industry Comparison

	Aputure LS 600c Pro	ARRI Orbiter
Price (Fixture Only)	—	$6,300
Price (Combination Set)	$2,490	$10,401
Max Power Output	600W	Unknown
Max Power Draw	720W	500W
LED Type	RGBWW	RGBACL
CCT	2,300K –10,000K	2,000K–20,000K
CRI/TLCI	95+/98+	98+/95+
SSI (Tungsten)	85	85[1]
SSI (D56)	74	75[1]
LUX @ 3m (3,200K)[2]	5,020	1,800
LUX @ 3m (5,600K)[2]	5,555	2,333
Weather Resistant	✓	✓
Lighting Modes	CCT+G/M, Adv. HSI, xy, RGB, Gels, Source, FX	CCT, HSI, xy, Gels, FX, Single Color, Source, Color Sensor
Control Methods	Sidus Link App, 16–Bit DMX512, Art-net & sACN, LumenRadio CRMX	16–Bit DMX512, Art-net & sACN, LumenRadio CRMX
DC Power Options	2x V/Gold Mount Multi-Voltage Battery Plates,[3] 48V/15A 3–Pin XLR	3–Pin XLR
Battery Charging[4]	✓	—
Bowens Mount	✓	—
Curved Yoke	✓	—
Built-in Lighting FX	✓	✓
0-100% Dimming	✓	✓
Rolling Case Included	✓	—
Included Modifers	LS 600 Series Hyper Reflector	—
Mounting Pin	Junior/Baby (28mm/16mm)	Junior (28mm)
Weight (Lamp Head)	5.86kg / 12.92lbs	11.7kg / 25.8lbs
Weight (Control Box)	5.21kg / 11.48lbs	Integrated/Removable
Dimensions (Lamp Head)	30.2 x 22.2 x 15cm 11.9 x 8.74 x 5.9in	41.0 x 33.0 x 30.5cm 16.1 x 13.0 x 12.0in
Dimensions (Control Box)	36.6 x 19.7 x 15.6cm 14.4 x 7.7 x 6.1in	Integrated/Removable

[1] This metric was not provided by the manufacturer, and was measured independently using a Sekonic C–7000 Spectrometer.
[2] Intensity measured with widest included reflector.
[3] Multi-Voltage Battery Plates support 14.4V/26V/28.8V batteries.
[4] Capable of charging 14.4V & 26V V-Mount & Gold Mount batteries.

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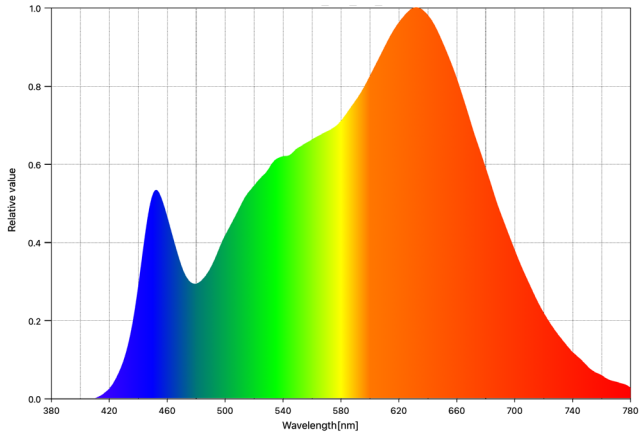
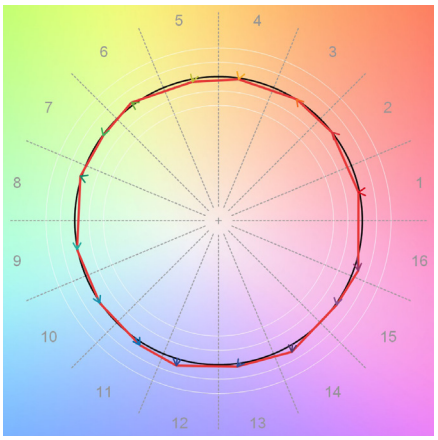
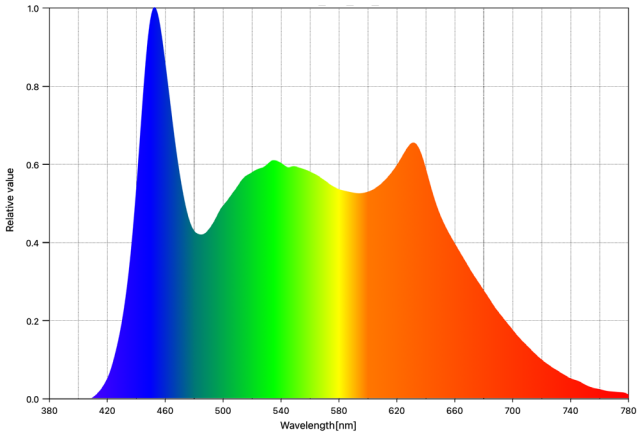
CCT	Dis.	No Accessories	LS 600 Series Hyper Reflector	BM1215 Hyper Reflector	BM1230 Hyper Reflector	BM1245 Hyper Reflector	F10 Fresnel (Flood)	F10 Fresnel (Spot)
3200K	1m	13,700 lux 1,272 fc	42,800 lux 3,976 fc	166,100 lux 15,431 fc	57,700 lux 5,360 fc	31,100 lux 2,889 fc	21,570 lux 2,003 fc	48,700 lux 4,524 fc
	3m	1,638 lux 152 fc	4,160 lux 386 fc	15,360 lux 1,426 fc	5,100 lux 473 fc	2,911 lux 270 fc	2,770 lux 257 fc	6,270 lux 582 fc
	5m	668 lux 62 fc	1,586 lux 147 fc	5,530 lux 513 fc	1,856 lux 172 fc	1,184 lux 109 fc	1,085 lux 100 fc	2,490 lux 231 fc
5600K	1m	16,450 lux 1,528 fc	51,100 lux 4,747 fc	197,100 lux 18,311 fc	69,200 lux 6,428 fc	37,200 lux 3,455 fc	25,500 lux 2,369 fc	57,300 lux 5,323 fc
	3m	1,937 lux 179 fc	5,020 lux 466 fc	18,360 lux 1,705 fc	6,150 lux 571 fc	3,480 lux 323 fc	3,320 lux 308 fc	7,440 lux 691 fc
	5m	817 lux 5 fc	1,889 lux 175 fc	6,700 lux 622 fc	2,234 lux 207 fc	1,438 lux 133 fc	1,254 lux 116 fc	3,010 lux 279 fc

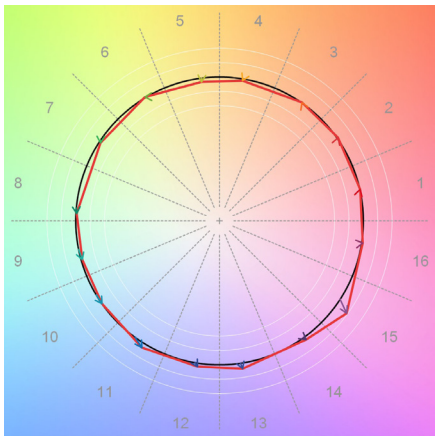
Tungsten 3200K





Daylight 5600K





ARRI Orbiter

CCT	Dis.	15° Reflector[5]	30° Reflector[6]	60° Reflector[7]
3200K	1m	138,000 lux / 12,825 fc	44,700 lux / 4,154 fc	16,100 lux / 1,490 fc
	3m	15,330 lux / 1,425 fc	4,970 lux / 462 fc	1,800 lux / 167 fc
	5m	5,520 fc / 513 fc	1,790 lux / 166 fc	645 lux / 60 fc
5600K	1m	178,000 lux / 16,543 fc	58,000 lux / 5,390 fc	21,000 lux / 1,952 fc
	3m	19,780 lux / 1,838 fc	6,445 lux / 599 fc	2,333 lux / 217 fc
	5m	7,120 lux / 662 fc	2,320 lux / 216 fc	840 lux / 78 fc

[5] Estimated true beam angle of 13.3° according to own testing. [6] Estimated true beam angle of 24.5° according to own testing. [7] Estimated true beam angle of 51.6° according to own testing.