



LS 600C PRO SPECIFICATIONS

TECHNICAL SPECIFICATIONS

CCT	2,300K – 10,000K
CRI	95
TLCI	98
CQS	96
SSI (D56)	74
SSI (Tungsten)	85
TM-30 RF (Average)	93
TM-30 RG (Average)	100
Beam Angle (No Accessories)	93°
LS 600 Series Hyper Reflector	62°
BM1215 Bowens Mount Hyper Reflector (Narrow)	23°
BM1230 Bowens Mount Hyper Reflector (Medium)	53°
BM1245 Bowens Mount Hyper Reflector (Wide)	69°
F10 Fresnel	25-70°
Lumens	35,686lm
Max Power Output	600W
Max Power Consumption	720W
Max Operating Current	8A
Operating Voltage (Power Supply)	100V~240V, 50Hz/60Hz
Operating Voltage (Battery) - V-Mount / Gold Mount (Two Batteries) - Half Output	12.5V-16.8V (14.4V/15A) 22V-33.6V (26V/8.5A, 28.8V/7.5A)
Operating Voltage (Battery) - V-Mount / Gold Mount (Two Batteries) - Full Output	22V-33.6V (26V/18A, 28.8V/16A)
3-Pin XLR (48V DC)	48V/15A
Operating Temperature	-20°C ~ 45°C / -4°F ~ 113°F
Dimming	0-100%; Linear, Exponential, Logarithmic, S-Curve

Control Methods	On-board, Sidus Link App, 16-bit DMX512, Art-net & sACN via etherCON, LumenRadio CRMX
Wireless Operating Range (Bluetooth)	≤80m
Wireless Operating Range (LumenRadio)	≤100m
Screen Type	LCD
Firmware Upgradeable	USB (FAT16/FAT32), Sidus Link
Cooling Method	Active Cooling
Head Cable	7-Pin Weatherproof Head Cable (7.5m)
Max Head Cable Length	7.5m
Power Cable	Neutrik® powerCON TRUE1 TOP AC Cable (6m)
Construction Material	Magnesium Alloy
Weather Resistance	Dust & Water Resistant
Accessory Mount	Bowens Mount
Tilt Angle	360°
Mounting	16mm / 28mm 0.625in / 1.125in (Dual Junior/Baby Pin)
Carrying Case	Telescoping Handle, Wheels
Estimated LED Lifetime (L70)	50,000H
Est. Max Flicker-Free FPS	2,000 FPS
Certifications	CE, FCC, ROHS, KC, NCC, PSE, BIS

WEIGHT

Lamp Head w/ Yoke	5.86kg / 12.92lbs
Control Box	5.21kg / 11.48lbs
Lightning Clamp	670g / 1.48lbs
Rolling Case (Filled)	14.36kg / 31.66lbs

DIMENSIONS

Lamp Head w/o Yoke	30.2 x 22.2 x 15cm / 11.9 x 8.74 x 5.9in
Lamp Head w/ Yoke	45.3 x 26.7 x 15cm / 17.8 x 10.5 x 5.9in
Control Box	36.6 x 19.7 x 15.6cm / 14.4 x 7.7 x 6.1in
Lightning Clamp	10.35 x 8.74 x 12.5cm / 4.07 x 3.44 x 4.92in
Rolling Case	59 x 40 x 35.5cm / 23.2 x 15.7 x 14in

PHOTOMETRICS

CCT	Distance	No Accessories	LS 600 Series Hyper Reflector	BM1215 Hyper Reflector	BM1230 Hyper Reflector	BM1245 Hyper Reflector	F10 Fresnel (Flood)	F10 Fresnel (Spot)
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	1M	12,460 lux / 1.157 fc	39,500 lux / 3,669 fc	15,0700 lux / 14,000 fc	53,400 lux / 4,961 fc	28,370 lux / 2,635 fc	19,930 lux / 1,851 fc	44,300 lux / 4,115 fc
2300K	3M	1,481 lux / 137 fc	3,770 lux / 350 fc	14,000 lux / 1,300 fc	4,620 lux / 429 fc	2,632 lux / 244 fc	2,517 lux / 233 fc	5,710 lux / 530 fc
	5M	608 lux / 56 fc	1,444 lux / 134 fc	5,040 lux / 468 fc	1,695 lux / 157 fc	1,076 lux / 99 fc	1,007 lux / 93 fc	2,265 lux / 210 fc
	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
3200K	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
	1M	15,030 lux / 1,396 fc	46,800 lux / 4,347 fc	181,400 lux / 16,852 fc	63,300 lux / 5,880 fc	34,000 lux / 3,158 fc	23,490 lux / 2,182 fc	52,700 lux / 4,895 fc
4300K	3M	1,778 lux / 165 fc	4,570 lux / 424 fc	16,780 lux / 1,558 fc	5,620 lux / 522 fc	3,190 lux / 296 fc	3,030 lux / 281 fc	6,840 lux / 635 fc
	5M	743 lux / 69 fc	1,728 lux / 160 fc	6,080 lux / 564 fc	2,040 lux / 189 fc	1,306 lux / 121 fc	1,169 lux / 108 fc	2,740 lux / 254 fc
	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
5600K	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 / 75 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
	1M	16,440 lux / 1,527 fc	50,700 lux / 4,710 fc	198,300 lux / 18,422 fc	68,700 lux / 6,382 fc	37,000 lux / 3,437 fc	25,300 lux / 2,350 fc	57,000 lux / 5,295 fc
7500K	3M	1,935 lux / 179 fc	5,030 lux / 467 fc	18,310 lux / 1,701 fc	6,190 lux / 575 fc	3,470 lux / 322 fc	3,320 lux / 308 fc	7,420 lux / 689 fc

	5M	819 lux / 76 fc	1,877 lux / 174 fc	6,720 lux / 624 fc	2,225 lux / 206 fc	1,441 lux / 133 fc	1,245 lux / 115 fc	3,010 lux / 279 fc
	1M	14,300 lux / 1,328 fc	44,300 lux / 4,115 fc	174,300 lux / 16,193 fc	59,900 lux / 5,564 fc	32,500 lux / 3,019 fc	22,280 lux / 2,069 fc	50,200 lux / 4,663 fc
10000K	3M	1,686 lux / 156 fc	4,500 lux / 418 fc	16,030 lux / 1,489 fc	5,520 lux / 512 fc	3,050 lux / 283 fc	2,950 lux / 274 fc	6,530 lux / 606 fc
	5M	721 lux / 66 fc	1,651 lux / 153 fc	5,980 lux / 555 fc	1,950 lux / 181 fc	1,270 lux / 117 fc	1,099 lux / 102 fc	2,685 lux / 249 fc
	1M	2,010 lux / 186 fc	7,520 lux / 698 fc	28,200 lux / 2,619 fc	9,720 lux / 903 fc	4,740 lux / 440 fc	3,910 lux / 363 fc	7,810 lux / 725 fc
Red	3M	201 lux / 18 fc	703 lux / 65 fc	2,046 lux / 190 fc	849 lux / 78 fc	372 lux / 34 fc	516 lux / 47 fc	857 lux / 79 fc
	5M	110 lux / 10 fc	224 lux / 20 fc	1,012 lux / 94 fc	258 lux / 23 fc	157 lux / 14 fc	156 lux / 14 fc	456 lux / 42 fc
	1M	2,854 lux / 265 fc	10,210 lux / 948 fc	38,900 lux / 3,613 fc	12,880 lux / 1,196 fc	7,160 lux / 665 fc	5,340 lux / 496 fc	11,530 lux / 1,071 fc
Green	3M	337 lux / 31 fc	982 lux / 91 fc	3,520 lux / 327 fc	1,137 lux / 105 fc	663 lux / 61 fc	707 lux / 65 fc	1,484 lux / 137 fc
	5M	139 lux / 12 fc	365 lux / 33 fc	1,281 lux / 119 fc	416 lux / 38 fc	266 lux / 24 fc	260 lux / 24 fc	588 lux / 54 fc
	1M	535 lux / 49 fc	1,889 lux / 175 fc	7,280 lux / 676 fc	2,401 lux / 223 fc	1,342 lux / 124 fc	1,280 lux / 118 fc	2,258 lux / 209 fc
Blue	3M	64 lux / 5 fc	185 lux / 17 fc	668 lux / 62 fc	213 lux / 19 fc	126 lux / 11 fc	102 lux / 9 fc	217 lux / 20 fc
	5M	25 lux / 2 fc	69 lux / 6 fc	238 lux / 22 fc	78 lux / 7 fc	50 lux / 4 fc	45 lux / 4 fc	108 lux / 10 fc