

SPOT
LIGHT

ML-SL5

Water Proof



Matrix  Light



Waterproof !!

LED SPOT LIGHT

ML-SL5

Rugged Waterproof Illumination with Ultra-High CRI 97

Built Tough Shines Brighter ML-SL5

The Matrix Light ML-SL5 LED Spot Light combines exceptional portability with a rugged build, delivering a high-intensity output of 3,500 Lux (at 1m). Featuring an IP68 rated waterproof lamp head and a dedicated waterproof carrying case, it performs flawlessly even in the harshest weather conditions. Specifically engineered for news reporting, the ML-SL5 ensures top-tier light quality essential for professional broadcasting. The ML-SL5 minimizes fluctuations in optical characteristics caused by temperature changes, providing highly reliable performance with an ultra-high CRI of 97. Designed to meet the precise intentions of any videographer, the ML-SL5 is a premium professional LED spot light that guarantees the highest level of satisfaction.



Quick & Seamless Controls

The ML-SL5 LED Light features an intuitive user interface, allowing for quick and effortless navigation of all menus.

V Mount BP Battery / DMX-512

Equipped with V-mount BP battery support and the standard DMX-512 protocol, the ML-SL5 is fully compatible with conventional DMX controllers. With switchable 8-bit and 16-bit control modes, it offers precise and effortless operation tailored to any professional environment.

Product Specifications

Lamp Head	
Optical System	Spot LED Light
Light Aperture	ML-SL5: 95ø / 119mm
Beam Angle	60°
Weight	Lamp Head 600g / 1.32lbs
Handling	Hand Grip
Mounting	1/4" Screw Spigot for Light Stand Mount
Tilt Angle	+/- 90°
Lamphead Voltage Input	48 V DC
Power Consumption	48V DC / 2A / 70 W Nominal, 100 W Maximum
Lamphead Power Connection	Male 4-Pin XLR -10 Amp (Pin 1,3: Ground / Pin 2: Warm White Positive / Pin 4: Pure White Positive)
White Light	2,800 K to 6,500 K continuously variable correlated color temperature
Color Temperature Tolerance	+/- 400 K (nominal)
Color Rendition	CRI Average > 97 TLCI Average > 95
Dimming	0 to 100 % continuous
Control	On-Board Controller, 3-Pin DMX In and Through
Housing Color	Orange / Silver, Black, White
Ambient Temperature Operation	-20 to +45° C (-4 to +113° F)
Protection Class / IP Rating	III / IP68
Estimated LED Lifetime (L70)	50,000 hours
Estimated Color Shift Over Lifetime (CCT)	+/- 5 %

Power Supply Unit	
Power Supply Input Range	48V DC / 3A
Power Supply Output Range	48V DC / 2A
Power Input Connection	V mount BP Battery Plate / 2.1ø DC Jack
Weight	860g / 1.89lbs
Protection Class / IP Rating	III / IP20
Dimensions	224 x 123 x 72 mm / 17.7 x 9.8 x 4.0"
Control	On-Board On/Off Switch

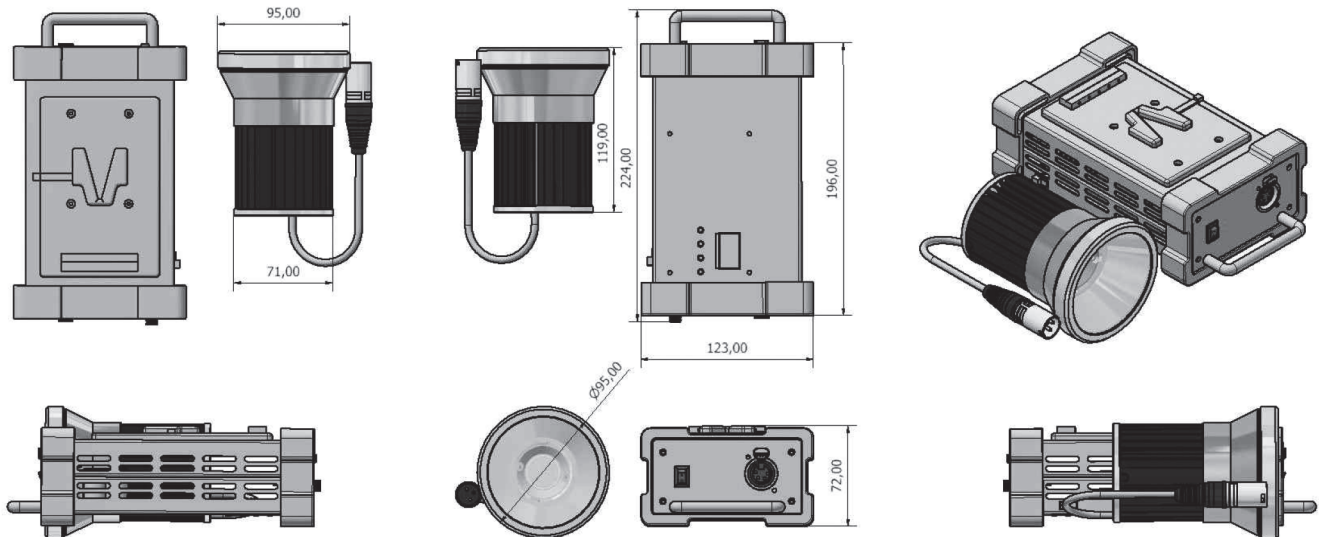
Photometric Data

	3 m / 9.8 ft		5 m / 16.4 ft		7 m / 23 ft		9 m / 29.5 ft	
ML-SL5	3,200 K	5,600 K	3,200 K	5,600 K	3,200 K	5,600 K	3,200 K	5,600 K
ML-SL5 with Normal Mode	500 lx	650 lx	200 lx	260 lx	112 lx	144 lx	80 lx	97 lx
	46 fc	60 fc	19 fc	24 fc	10 fc	13 fc	7 fc	9 fc

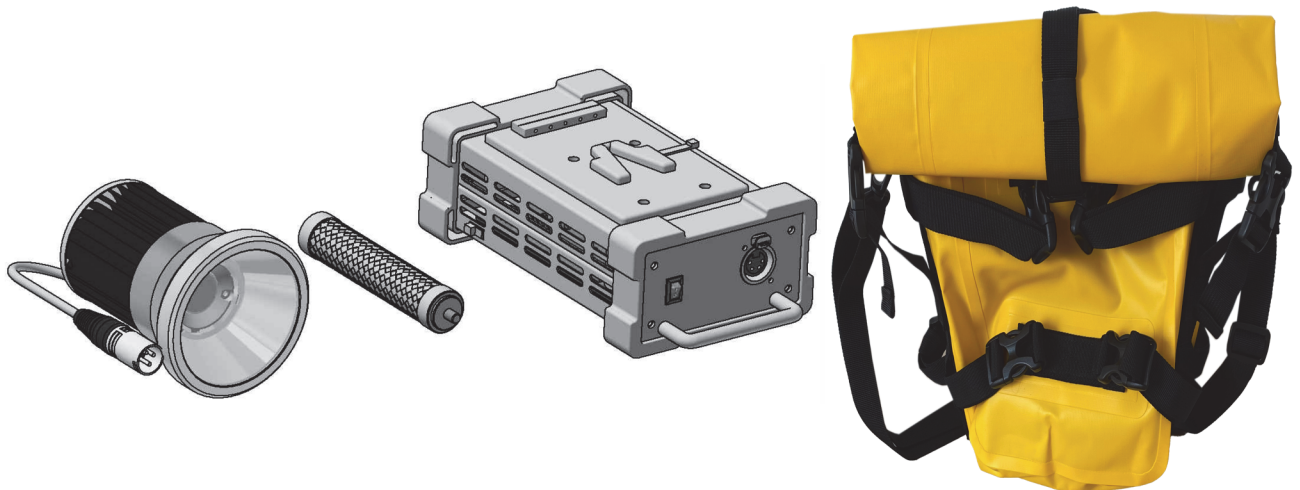
	3 m / 9.8 ft		5 m / 16.4 ft		7 m / 23 ft		9 m / 29.5 ft	
ML-SL5	4,200K		4,200 K		4,200 K		4,200 K	
ML-SL5 with Turbo Boost Mode	880 lx		350 lx		190 lx		122 lx	
	81 fc		33 fc		18 fc		11 fc	

Product Dimension

ML-SL5



(Included items: ML-SL5 LED Light, ML-PS5 Power Supply, ML-HG1 Hand Grip, ML-WPB1 Water Proof Bag)



■ Contact Informations

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■ Authorized Dealer

