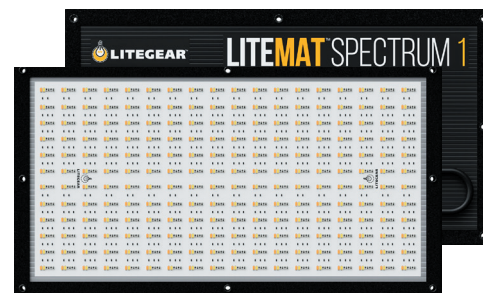


Designed to be rigid, lightweight, ultra-thin, and easy to rig, the versatile LiteMat Spectrum 1 is the go-to lighting solution for stage, studio, or location lighting setups. The evolution of the LiteMat Spectrum includes a more robust design in a feature-packed fixture that will meet your lighting needs now and into the future. Features included in the LiteMat Spectrum 1 include smoother low-end dimming, one large format pixels, precision-calibrated electronics, and updateable pixel driver firmware.



SPECIFICATIONS

Product Name: LiteMat Spectrum 1

Item Number: LM1.00117

Model: 251-1

Beam Angle: 50° HPA

Input Voltage: 48V DC

Input Current: 1.04A

Total Power: 50W Nominal

Color Temperature Range: 2,000K to 11,000K

Tint Control: Full plus and minus green adjustment

Dimming Range: 0 to 100% Continuous (When paired with a compatible LiteGear Dimmer)

Colored Light: 6-color, wide gamut hue and saturation control

Estimated LED Lifetime: 50,000 hrs

Power & Data Connector: PDX

Pixels: 1 large format pixel

IP Rating: IP20

Max Operating Temp: 122°F (50°C)

Weight: 4.7 lbs (2.1 kg)

Color Rendition: CRI Average: >= 95

TLCI Average: >= 95

Total LED Quantity: 2,592

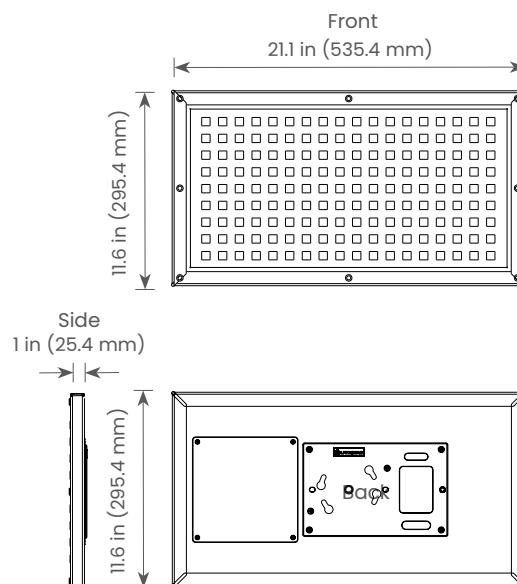
Dimensions: Height: 11.6 in. (295.4 mm)

Width: 21.1 in. (535.4 mm)

Depth: 1 in. (25.4 mm)

Mounting: kMount

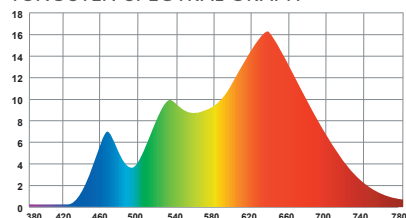
Certifications: ETL, CE, UKCA, FCC



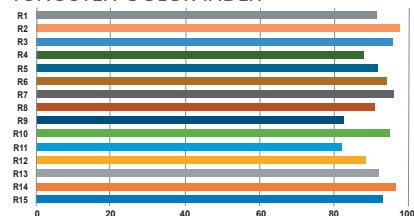
PHOTOMETRIC DATA

Diffusion	Color Temp.	3.3 ft, FC (spread, ft)	1 m, Lux (spread, m)	9.8 ft, FC (spread, ft)	3 m, Lux (spread, m)	16.4 ft, FC (spread, ft)	5 m, Lux (spread, m)	23 ft, FC (spread, ft)	7 m, Lux (spread, m)	29.5 ft, FC (spread, ft)	9 m, Lux (spread, m)	39.4 ft, FC (spread, ft)	12 m, Lux (spread, m)
None	3200K	166 (8.2)	1,792 (2.5)	18 (24.2)	199 (7.4)	7 (40.5)	72 (12.3)	3 (56.8)	37 (17.3)	2 (72.9)	22 (22.2)	1 (97.3)	12 (29.7)
	5600K	181 (8.2)	1,943 (2.5)	20 (24.2)	216 (7.4)	7 (40.5)	78 (12.3)	4 (56.8)	40 (17.3)	2 (72.9)	24 (22.2)	1 (97.3)	13 (29.7)
Quarter	3200K	112 (6.6)	1,202 (2)	12 (19.6)	134 (6)	4 (32.8)	48 (10)	2 (46)	25 (14)	1 (59)	15 (18)	1 (78.8)	8 (24)
	5600K	121 (6.6)	1,302 (2)	13 (19.6)	145 (6)	5 (32.8)	52 (10)	2 (46)	27 (14)	1 (59)	16 (18)	1 (78.8)	9 (24)
Half	3200K	108 (7.1)	1,162 (2.2)	12 (21)	129 (6.4)	4 (35.2)	46 (10.7)	2 (49.3)	24 (15)	1 (63.3)	14 (19.3)	1 (84.5)	8 (25.8)
	5600K	117 (7.1)	1,262 (2.2)	13 (21)	140 (6.4)	5 (35.2)	50 (10.7)	2 (49.3)	26 (15)	1 (63.3)	16 (19.3)	1 (84.5)	9 (25.8)
Full	3200K	69 (7.3)	741 (2.2)	8 (21.8)	82 (6.6)	3 (36.4)	30 (11.1)	1 (51.1)	15 (15.6)	1 (65.5)	9 (20)	0 (87.5)	5 (26.7)
	5600K	74 (7.3)	801 (2.2)	8 (21.8)	89 (6.6)	3 (36.4)	32 (11.1)	2 (51.1)	16 (15.6)	1 (65.5)	10 (20)	1 (87.5)	6 (26.7)

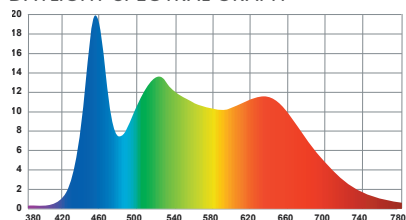
TUNGSTEN SPECTRAL GRAPH



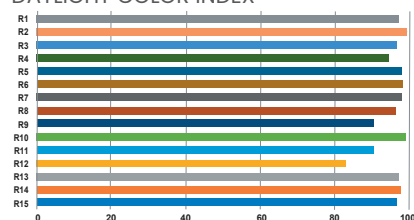
TUNGSTEN COLOR INDEX



DAYLIGHT SPECTRAL GRAPH



DAYLIGHT COLOR INDEX



ACCESSORIES

Head

LM1.00117 LiteMat Spectrum 1 Head (Gen 2)

Diffusion

LM2.00123 LiteMat 1 Full Diffuser

LM2.00124 LiteMat 1 Half Diffuser

LM2.00125 LiteMat 1 Quarter Diffuser

Skirt

LM2.00131 LiteMat 1 PolySkirt

Grids

LM2.00126 LiteMat 1 Parasquare Louver

LM2.00127 LiteMat 1 Polygrid, 30°

LM2.00128 LiteMat 1 Polygrid, 60°

LM2.00129 LiteMat 1 Polygrid, 90°

LM2.00130 LiteMat 1 Snapgrid 40 w/ Storage Bag

Dimmer

LD1.00129 LiteDimmer Spectrum AC/DC 200

LD1.00130 LiteDimmer Spectrum AC/DC 400

Cable

CA1.00124 PDX Extension Cable 25 ft (7.5 m)

CA1.00126 PDX Extension Cable 50 ft (15 m)

Mounting

LM2.00119 LiteMount

LM2.00120 LiteMount, Extra Large

Bag

LM2.00122 LiteMat 1 Kit Bag