

Designed to be rigid, lightweight, ultra-thin, and easy to rig, the versatile LiteMat Spectrum 4 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 4 include smoother low-end dimming, four mappable large format pixels, precision-calibrated electronics, and updateable pixel driver firmware.



SPECIFICATIONS

Product Name: LiteMat Spectrum 4

Item Number: LM1.00121

Model: 255-1

Beam Angle: 53° HPA

Input Voltage: 48V DC

Input Current: 4.16A

Total Power: 200W 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: 4 large format pixels

IP Rating: IP20

Max Operating Temp: 122°F (50°C)

Weight: 11.9 lbs (5.4 kg)

Color Rendition: CRI Average: >= 95

TLCI Average: >= 95

Total LED Quantity: 5,184

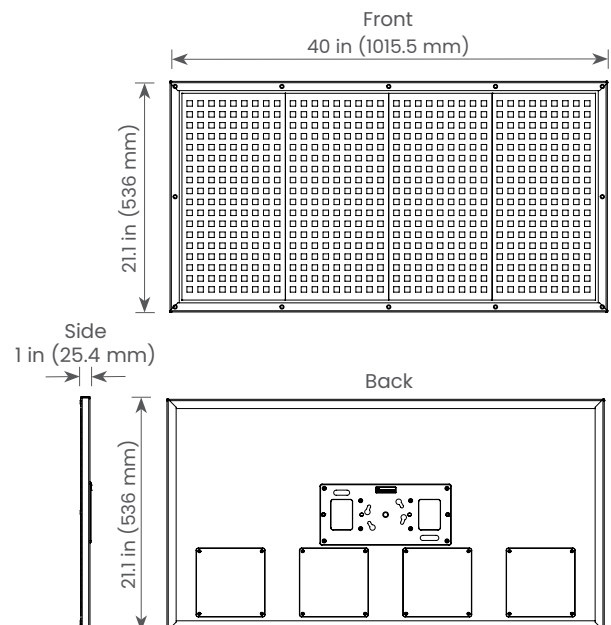
Dimensions: Height: 21.1 in. (536 mm)

Width: 40 in. (1015.5 mm)

Depth: 1 in. (25.4 mm)

Mounting: kMount

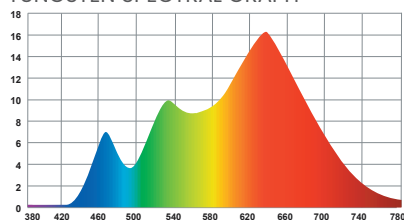
Certifications: ETL, CE, UKCA, FCC



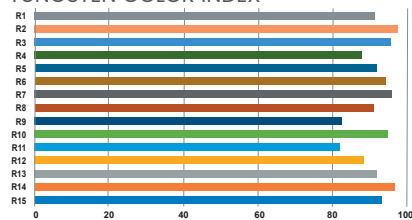
PHOTOMETRIC DATA

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, m)	12 m, Lux (spread, m)
None	3200K	698 (8.8)	7,510 (2.7)	78 (26)	834 (7.9)	28 (43.5)	300 (13.3)	14 (61)	153 (18.6)	9 (78.3)	93 (23.9)	5 (104.6)	52 (31.9)
	5600K	699 (8.8)	7,510 (2.7)	78 (26)	834 (7.9)	28 (43.5)	300 (13.3)	14 (61)	153 (18.6)	9 (78.3)	93 (23.9)	5 (104.6)	52 (31.9)
Quarter	3200K	541 (7.6)	5,818 (2.3)	60 (22.5)	646 (6.9)	22 (37.7)	233 (11.5)	11 (52.9)	119 (16.1)	7 (67.9)	72 (20.7)	4 (90.6)	40 (27.6)
	5600K	574 (7.6)	6,178 (2.3)	64 (22.5)	686 (6.9)	23 (37.7)	247 (11.5)	12 (52.9)	126 (16.1)	7 (67.9)	76 (20.7)	4 (90.6)	43 (27.6)
Half	3200K	452 (7.3)	4,866 (7.3)	50 (21.8)	541 (6.6)	18 (36.4)	195 (11.1)	9 (51.1)	99 (15.6)	6 (65.5)	60 (20)	3 (87.5)	34 (26.7)
	5600K	481 (7.3)	5,177 (7.3)	53 (21.8)	575 (6.6)	19 (36.4)	207 (11.1)	10 (51.1)	106 (15.6)	6 (65.5)	64 (20)	3 (87.5)	36 (26.7)
Full	3200K	314 (7.9)	3,384 (2.4)	35 (23.4)	376 (7.1)	13 (39.1)	135 (11.9)	6 (54.8)	69 (16.7)	4 (70.3)	42 (21.4)	2 (93.9)	24 (28.6)
	5600K	351 (7.9)	3,775 (2.4)	39 (23.4)	419 (7.1)	14 (39.1)	151 (11.9)	7 (54.8)	77 (16.7)	4 (70.3)	47 (21.4)	2 (93.9)	26 (28.6)

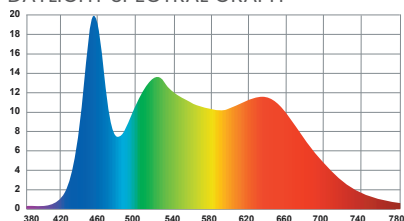
TUNGSTEN SPECTRAL GRAPH



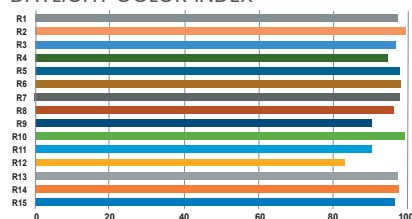
TUNGSTEN COLOR INDEX



DAYLIGHT SPECTRAL GRAPH



DAYLIGHT COLOR INDEX



ACCESSORIES

Head

LM1.00121 LiteMat Spectrum 4 Head (2023)

Diffusion

LM2.00110 LiteMat 4 Full Diffuser

LM2.00111 LiteMat 4 Half Diffuser

LM2.00112 LiteMat 4 Quarter Diffuser

Skirt

LM2.00118 LiteMat 4 PolySkirt

Grids

LM2.00113 LiteMat 4 Parasquare Louver

LM2.00114 LiteMat 4 Polygrid, 30°

LM2.00115 LiteMat 4 Polygrid, 60°

LM2.00116 LiteMat 4 Polygrid, 90°

LM2.00117 LiteMat 4 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

LM2.00109 LiteMat 4 Kit Bag