

Designed to be rigid, lightweight, ultra-thin, and easy to rig, the versatile LiteMat Spectrum 8 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 8 include smoother low-end dimming, eight mappable large format pixels, precision-calibrated electronics, and updateable pixel driver firmware.

SPECIFICATIONS

Product Name: LiteMat Spectrum 8

Item Number: LM1.00122

Model: 256-1

Beam Angle: 53° HPA

Input Voltage: 48V DC

Input Current: 8.64A

Total Power: 400W 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: 8 large format pixels

IP Rating: IP20

Max Operating Temp: 122°F (50°C)

Weight: 21.1 lbs (9.6 kg)

Color Rendition: CRI Average: >= 95

TLCI Average: >= 95

Total LED Quantity: 5,184

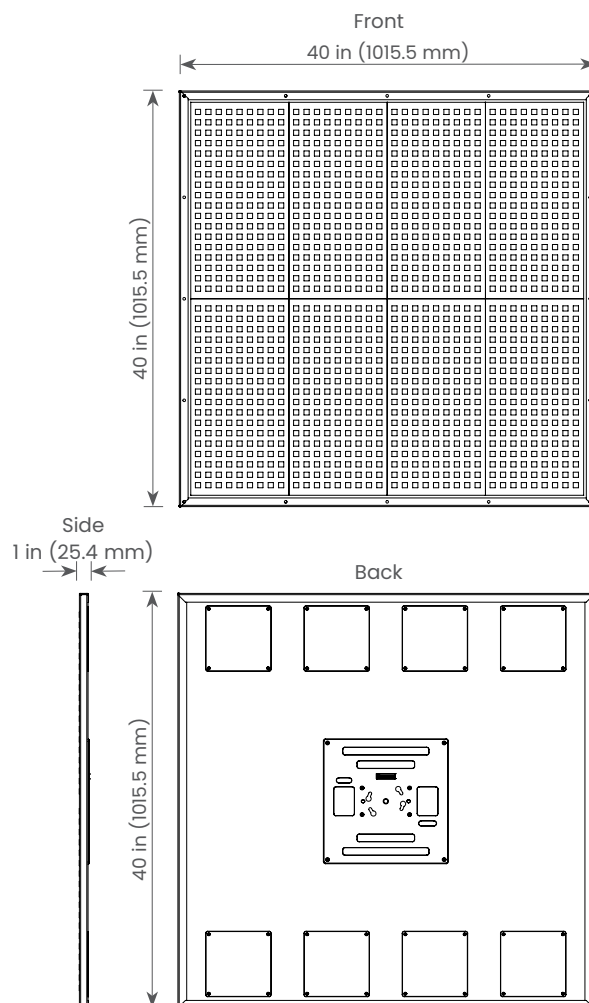
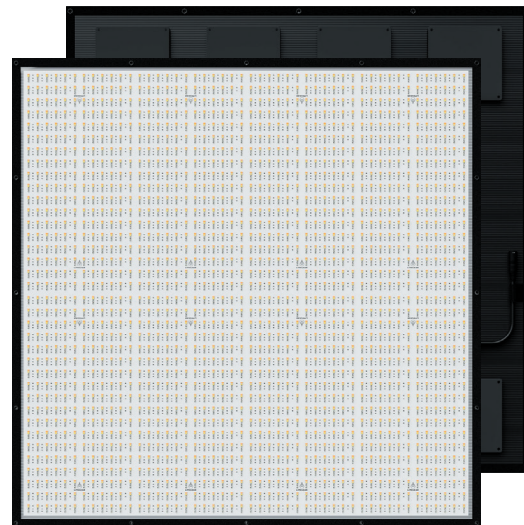
Dimensions: Height: 40 in. (1015.5 mm)

Width: 40 in. (1015.5 mm)

Depth: 1 in. (25.4 mm)

Mounting: kMount

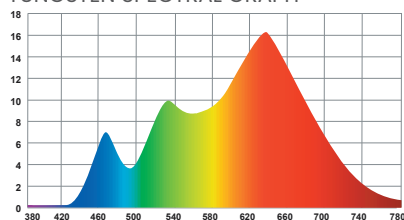
Certifications: ETL, CE, UKCA, FCC



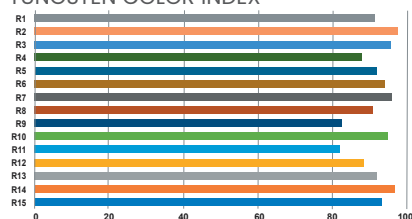
PHOTOMETRIC DATA

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	1,217 (8.8)	13,907 (2.7)	135 (26)	1,455 (7.9)	49 (43.5)	524 (13.3)	25 (61)	267 (18.6)	15 (78.3)	162 (23.9)	8 (104.6)	91 (31.9)
	5600K	1,354 (8.8)	14,579 (2.7)	150 (26)	1,620 (7.9)	54 (43.5)	583 (13.3)	28 (61)	298 (18.6)	17 (78.3)	180 (23.9)	9 (104.6)	101 (31.9)
Quarter	3200K	1,012 (7.3)	10,894 (2.2)	112 (21.8)	1,210 (6.6)	40 (36.4)	436 (11.1)	21 (51.1)	222 (15.6)	12 (65.5)	134 (20)	7 (87.5)	76 (26.7)
	5600K	1,127 (7.3)	12,136 (2.2)	125 (21.8)	1,348 (6.6)	45 (36.4)	485 (11.1)	23 (51.1)	248 (15.6)	14 (65.5)	150 (20)	8 (87.5)	84 (26.7)
Half	3200K	939 (7.3)	10,103 (2.2)	104 (21.8)	1,123 (6.6)	38 (36.4)	404 (11.1)	19 (51.1)	206 (15.6)	12 (65.5)	125 (20)	7 (87.5)	70 (26.7)
	5600K	1,047 (7.3)	11,275 (2.2)	116 (21.8)	1,253 (6.6)	42 (36.4)	451 (11.1)	21 (51.1)	230 (15.6)	13 (65.5)	139 (20)	7 (87.5)	78 (26.7)
Full	3200K	675 (7.6)	7,270 (2.3)	75 (22.5)	808 (6.9)	27 (37.7)	291 (11.5)	14 (52.9)	148 (16.1)	8 (67.9)	90 (20.7)	5 (90.6)	50 (27.6)
	5600K	754 (7.6)	8,111 (2.3)	84 (22.5)	901 (6.9)	30 (37.7)	324 (11.5)	15 (52.9)	166 (16.1)	9 (67.9)	100 (20.7)	5 (90.6)	56 (27.6)

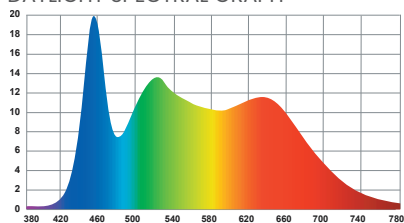
TUNGSTEN SPECTRAL GRAPH



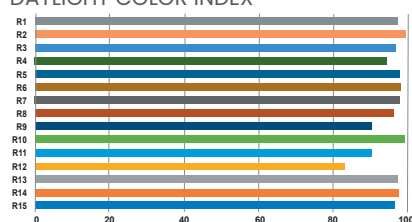
TUNGSTEN COLOR INDEX



DAYLIGHT SPECTRAL GRAPH



DAYLIGHT COLOR INDEX



ACCESSORIES

Head

LM1.00122 LiteMat Spectrum 8 Head (2023)

Diffusion

LM2.00104 LiteMat 8 Full Diffuser

LM2.00105 LiteMat 8 Half Diffuser

LM2.00106 LiteMat 8 Quarter Diffuser

Skirt

LM2.00108 LiteMat 8 PolySkirt

Grids

LM2.00107 LiteMat 8 Snapgrid 40 w/ Storage Bag

Dimmer

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

LM2.00103 LiteMat 8 Kit Bag