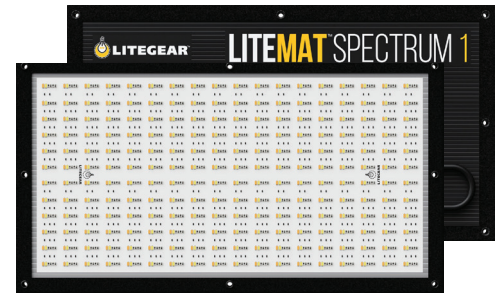
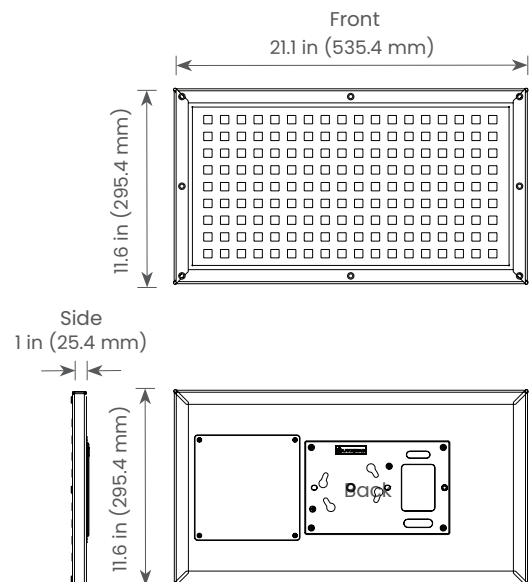


Designed to be rigid, lightweight, ultra-thin, and easy to rig, the versatile LiteMat Spectrum 1 is the go-to lighting solution for stage, studio, or location lighting setups. The evolution of the LiteMat Spectrum includes a more robust design in a feature-packed fixture that will meet your lighting 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.



PRELIMINARY
SPECIFICATIONS

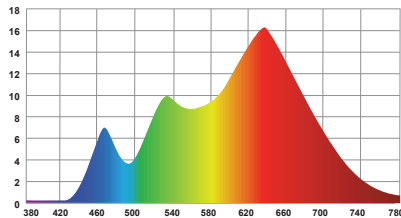
Product Name: LiteMat Spectrum 1
Item Number: LM-SPECTRUM-ONE-G2
Model: 251-1
Beam Angle: 50° HPA
Input Voltage: 48V DC
Input Current: 1.04A
Total Power: 50W Nominal
Color Temperature Range: 2,000K to 11,000K
Tint Control: Full plus and minus green adjustment
Dimming Range: 0 to 100% Continuous (When 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 (certification pending)



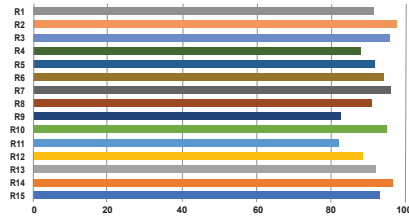
PHOTOMETRIC DATA

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)

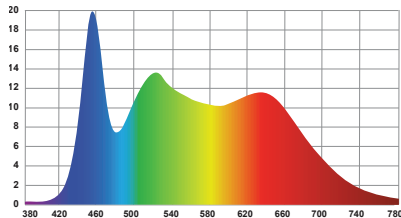
TUNGSTEN SPECTRAL GRAPH



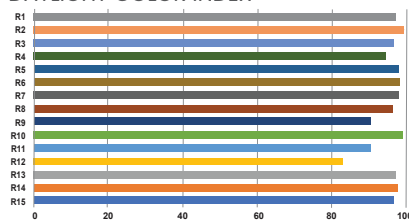
TUNGSTEN COLOR INDEX



DAYLIGHT SPECTRAL GRAPH



DAYLIGHT COLOR INDEX



ACCESSORIES

Head

LM-SPECTRUM-ONE-G2 LiteMat Spectrum 1 Head (2023)

Diffusion

LMA-ONE-DIFF-F LiteMat 1 Full Diffuser

LMA-ONE-DIFF-H LiteMat 1 Half Diffuser

LMA-ONE-DIFF-Q LiteMat 1 Quarter Diffuser

Skirt

LMA-ONE-SKIRT LiteMat 1 PolySkirt

Grids

LMA-ONE-LC-GRID LiteMat 1 Parasquare Louver

LMA-ONE-LC-PG30 LiteMat 1 Polygrid, 30°

LMA-ONE-LC-PG60 LiteMat 1 Polygrid, 60°

LMA-ONE-LC-PG90 LiteMat 1 Polygrid, 90°

LMA-ONE-LC-SNAPGRID40 LiteMat 1 Snapgrid 40 w/ Storage Bag

Dimmer

LD-SPECTRUM-ACDC200 LiteDimmer Spectrum AC/DC 200

LD-SPECTRUM-ACDC400 LiteDimmer Spectrum AC/DC 400

Cable

CA-PDX-EXT-25 PDX Extension Cable 25 ft (7.5 m)

CA-PDX-EXT-50 PDX Extension Cable 50 ft (15 m)

Mounting

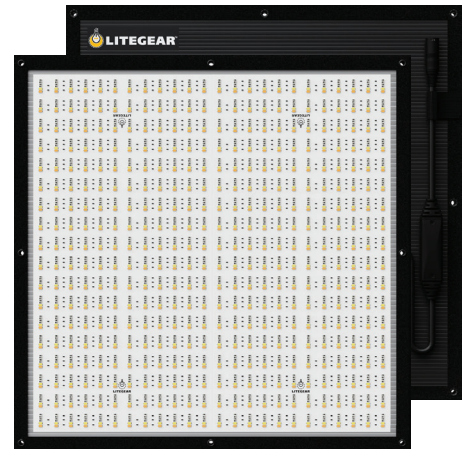
LMA-LITEMOUNT LiteMount

LMA-LITEMOUNT-XL LiteMount, Extra Large

Bag

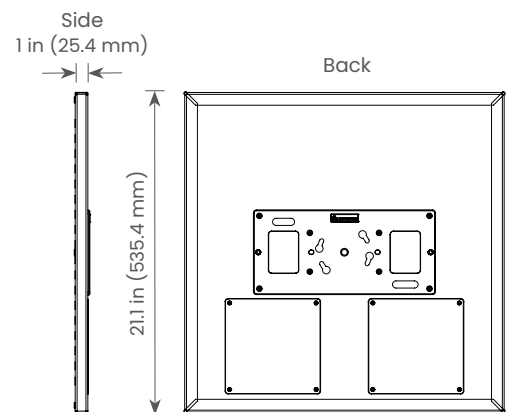
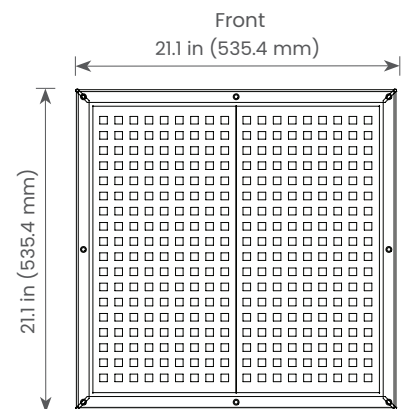
LMA-ONE-BAG LiteMat 1 Kit Bag

Designed to be rigid, lightweight, ultra-thin, and easy to rig, the versatile LiteMat Spectrum 2 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 2 include smoother low-end dimming, two mappable large format pixels, precision-calibrated electronics, and updateable pixel driver firmware.



PRELIMINARY
SPECIFICATIONS

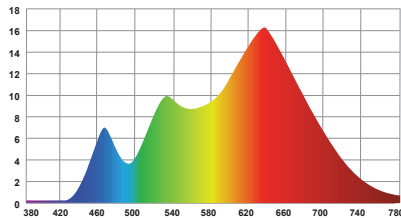
Product Name: LiteMat Spectrum 2
Item Number: LM-SPECTRUM-TWO-G2
Model: 252-1
Beam Angle: 56° HPA
Input Voltage: 48V DC
Input Current: 2.08A
Total Power: 100W Nominal
Color Temperature Range: 2,000K to 11,000K
Tint Control: Full plus and minus green adjustment
Dimming Range: 0 to 100% Continuous (When 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: 2 large format pixels
IP Rating: IP20
Max Operating Temp: 122°F (50°C)
Weight: 7.19 lbs (3.3 kg)
Color Rendition: CRI Average: >= 95
TLCI Average: >= 95
Total LED Quantity: 2,592
Dimensions: Height: 21.1 in. (535.4 mm)
Width: 21.1 in. (535.4 mm)
Depth: 1 in. (25.4 mm)
Mounting: kMount
Certifications: ETL, CE, UKCA, FCC (certification pending)



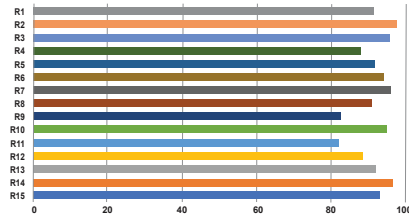
PHOTOMETRIC DATA

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	326 (8.8)	3,505 (2.7)	36 (26)	389 (7.9)	13 (43.5)	140 (13.3)	7 (61)	72 (18.6)	4 (78.3)	43 (23.9)	2 (104.6)	24 (31.9)
	5600K	353 (8.4)	3,805 (2.8)	39 (25.1)	423 (8.2)	14 (42)	152 (13.8)	7 (58.9)	78 (19.3)	4 (75.5)	47 (24.8)	2 (100.9)	26 (30.7)
Quarter	3200K	261 (7.1)	2,814 (2.2)	29 (21)	313 (6.4)	10 (35.2)	113 (10.7)	5 (49.3)	57 (15)	3 (63.3)	35 (19.3)	2 (84.5)	20 (25.8)
	5600K	286 (7.1)	3,074 (2.2)	32 (21)	342 (6.4)	11 (35.2)	123 (10.7)	6 (49.3)	63 (15)	4 (63.3)	38 (19.3)	2 (84.5)	21 (25.8)
Half	3200K	244 (7.1)	2,623 (2.2)	27 (21)	291 (6.6)	10 (35.2)	105 (11.1)	5 (49.3)	54 (15.6)	3 (63.3)	32 (20)	2 (84.5)	18 (25.8)
	5600K	265 (7.1)	2,854 (2.2)	29 (21)	317 (6.6)	11 (35.2)	114 (11.1)	5 (49.3)	58 (15.6)	2 (63.3)	35 (20)	1 (84.5)	20 (25.8)
Full	3200K	168 (7.3)	1,812 (2.2)	19 (21.8)	201 (6.6)	7 (36.4)	72 (11.1)	3 (51.1)	37 (15.6)	2 (65.5)	22 (20)	1 (87.5)	13 (26.7)
	5600K	183 (7.3)	1,973 (2.2)	20 (21.8)	219 (6.6)	7 (36.4)	79 (11.1)	4 (51.1)	40 (15.6)	2 (65.5)	24 (20)	1 (87.5)	14 (26.7)

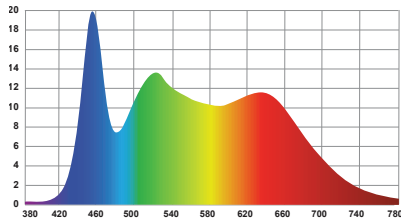
TUNGSTEN SPECTRAL GRAPH



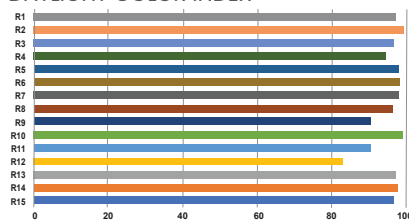
TUNGSTEN COLOR INDEX



DAYLIGHT SPECTRAL GRAPH



DAYLIGHT COLOR INDEX



ACCESSORIES

Head

LMA-SPECTRUM-TWO-G2 LiteMat Spectrum 2 Head (2023)

Diffusion

LMA-TWO-DIFF-F LiteMat 2 Full Diffuser

LMA-TWO-DIFF-H LiteMat 2 Half Diffuser

LMA-TWO-DIFF-Q LiteMat 2 Quarter Diffuser

Skirt

LMA-TWO-SKIRT LiteMat 2 PolySkirt

Grids

LMA-TWO-LC-GRID LiteMat 2 Parasquare Louver

LMA-TWO-LC-PG30 LiteMat 2 Polygrid, 30°

LMA-TWO-LC-PG60 LiteMat 2 Polygrid, 60°

LMA-TWO-LC-PG90 LiteMat 2 Polygrid, 90°

LMA-TWO-LC-SNAPGRID40 LiteMat 2 Snapgrid 40 w/ Storage Bag

Dimmer

LD-SPECTRUM-ACDC200 LiteDimmer Spectrum AC/DC 200

LD-SPECTRUM-ACDC400 LiteDimmer Spectrum AC/DC 400

Cable

CA-PDX-EXT-25 PDX Extension Cable 25 ft (7.5 m)

CA-PDX-EXT-50 PDX Extension Cable 50 ft (15 m)

Mounting

LMA-LITEMOUNT LiteMount

LMA-LITEMOUNT-XL LiteMount, Extra Large

Bag

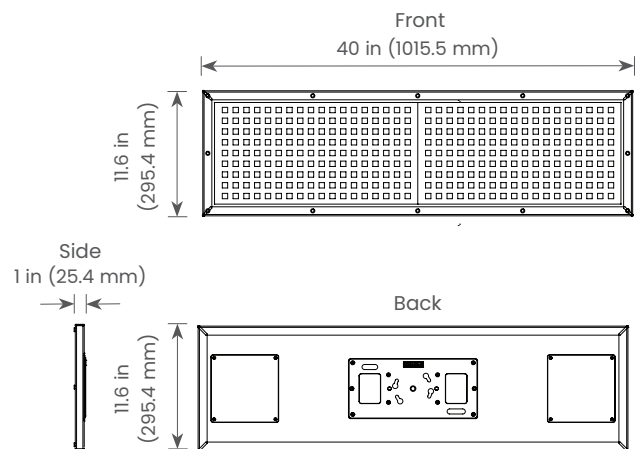
LMA-TWO-BAG LiteMat 2 Kit Bag

Designed to be rigid, lightweight, ultra-thin, and easy to rig, the versatile LiteMat Spectrum 2L 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 2L include smoother low-end dimming, two mappable large format pixels, precision-calibrated electronics, and updateable pixel driver firmware.



PRELIMINARY
SPECIFICATIONS

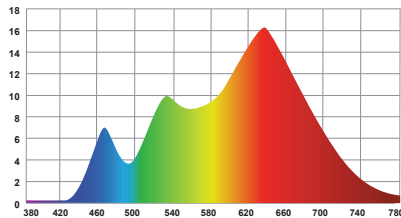
Product Name: LiteMat Spectrum 2L
Item Number: LM-SPECTRUM-TWO-L-G2
Model: 253-1
Beam Angle: 55° HPA
Input Voltage: 48V DC
Input Current: 2.08A
Total Power: 100W Nominal
Color Temperature Range: 2,000K to 11,000K
Tint Control: Full plus and minus green adjustment
Dimming Range: 0 to 100% Continuous (When 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: 2 large format pixels
IP Rating: IP20
Max Operating Temp: 122°F (50°C)
Weight: 7.53 lbs (3.4 kg)
Color Rendition: CRI Average: >= 95 TLCI Average: >= 95
Total LED Quantity: 2,592
Dimensions: Height: 11.6 in. (295.4 mm) Width: 40 in. (1016 mm) Depth: 1 in. (25.4 mm)
Mounting: kMount
Certifications: ETL, CE, UKCA, FCC (certification pending)



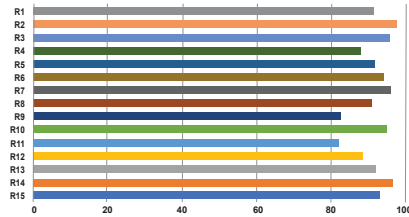
PHOTOMETRIC DATA

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	324 (9.1)	3,485 (2.8)	36 (27)	387 (8.2)	13 (45.1)	139 (13.8)	7 (63.3)	71 (19.3)	4 (81.2)	43 (24.8)	2 (108.5)	24 (33.1)
	5600K	354 (9.1)	3,815 (2.8)	39 (27)	424 (8.2)	14 (45.1)	153 (13.8)	7 (63.3)	78 (19.3)	4 (81.2)	47 (24.8)	2 (108.5)	26 (33.1)
Quarter	3200K	245 (6.6)	2,633 (2)	27 (19.6)	293 (6)	10 (32.8)	105 (10)	5 (46)	54 (14)	3 (59)	33 (18)	2 (78.8)	20 (24)
	5600K	268 (6.6)	2,884 (2)	30 (19.6)	329 (6)	11 (32.8)	115 (10)	5 (46)	59 (14)	3 (59)	36 (18)	2 (78.8)	17 (24)
Half	3200K	227 (7.3)	2,443 (2.2)	25 (21.8)	271 (6.6)	9 (36.4)	98 (11.1)	5 (51.1)	50 (15.6)	3 (65.5)	30 (20)	2 (87.5)	17 (26.7)
	5600K	248 (7.3)	2,674 (2.2)	28 (21.8)	297 (6.6)	10 (36.4)	107 (11.1)	5 (51.1)	55 (15.6)	3 (65.5)	33 (20)	2 (87.5)	19 (26.7)
Full	3200K	151 (7.9)	1,622 (2.4)	17 (23.4)	180 (7.1)	6 (39.1)	65 (11.9)	3 (54.8)	33 (16.7)	2 (70.3)	20 (21.4)	1 (93.9)	11 (28.6)
	5600K	166 (7.9)	1,782 (2.4)	18 (23.4)	198 (7.1)	7 (39.1)	71 (11.9)	3 (54.8)	36 (16.7)	2 (70.3)	22 (21.4)	1 (93.9)	12 (28.6)

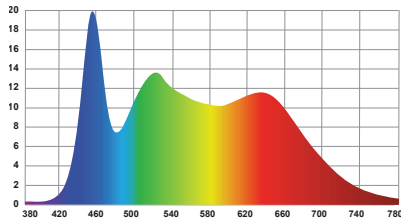
TUNGSTEN SPECTRAL GRAPH



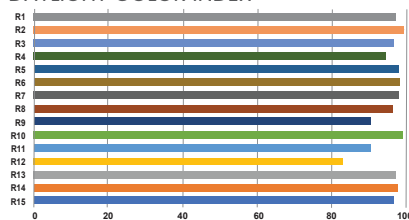
TUNGSTEN COLOR INDEX



DAYLIGHT SPECTRAL GRAPH



DAYLIGHT COLOR INDEX



ACCESSORIES

Head

LM-SPECTRUM-TWO-L-G2 LiteMat Spectrum 2L Head (2023)

Diffusion

LMA-TWO-L-DIFF-F LiteMat 2L Full Diffuser

LMA-TWO-L-DIFF-H LiteMat 2L Half Diffuser

LMA-TWO-L-DIFF-Q LiteMat 2L Quarter Diffuser

Skirt

LMA-TWO-L-SKIRT LiteMat 2L PolySkirt

Grids

LMA-TWO-L-LC-GRID LiteMat 2L Parasquare Louver

LMA-TWO-L-LC-PG30 LiteMat 2L Polygrid, 30°

LMA-TWO-L-LC-PG60 LiteMat 2L Polygrid, 60°

LMA-TWO-L-LC-PG90 LiteMat 2L Polygrid, 90°

LMA-TWO-L-LC-SNAPGRID40 LiteMat 2L Snapgrid 40 w/ Storage Bag

Dimmer

LD-SPECTRUM-ACDC200 LiteDimmer Spectrum AC/DC 200

LD-SPECTRUM-ACDC400 LiteDimmer Spectrum AC/DC 400

Cable

CA-PDX-EXT-25 PDX Extension Cable 25 ft (7.5 m)

CA-PDX-EXT-50 PDX Extension Cable 50 ft (15 m)

Mounting

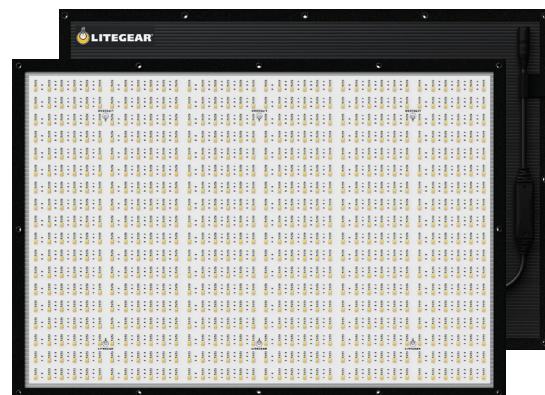
LMA-LITEMOUNT LiteMount

LMA-LITEMOUNT-XL LiteMount, Extra Large

Bag

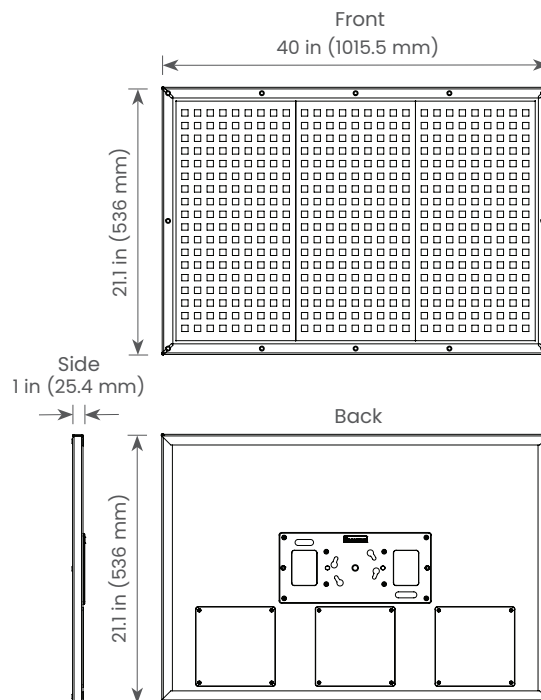
LMA-TWO-L-BAG LiteMat 2L Kit Bag

Designed to be rigid, lightweight, ultra-thin, and easy to rig, the versatile LiteMat Spectrum 3 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 3 include smoother low-end dimming, three mappable large format pixels, precision-calibrated electronics, and updateable pixel driver firmware.



PRELIMINARY
SPECIFICATIONS

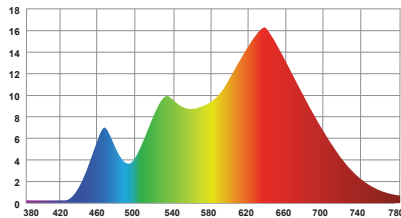
Product Name: LiteMat Spectrum 3
Item Number: LM-SPECTRUM-THREE-G2
Model: 254-1
Beam Angle: 55° HPA
Input Voltage: 48V DC
Input Current: 3.13A
Total Power: 150W Nominal
Color Temperature Range: 2,000K to 11,000K
Tint Control: Full plus and minus green adjustment
Dimming Range: 0 to 100% Continuous (When 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: 3 large format pixels
IP Rating: IP20
Max Operating Temp: 122°F (50°C)
Weight: 9.4 lbs (4.3 kg)
Color Rendition: CRI Average: >= 95
TLCI Average: >= 95
Total LED Quantity: 3888
Dimensions: Height: 21.1 in. (536 mm)
Width: 30.5 in. (775.7 mm)
Depth: 1 in. (25.4 mm)
Mounting: kMount
Certifications: ETL, CE, UKCA, FCC (certification pending)



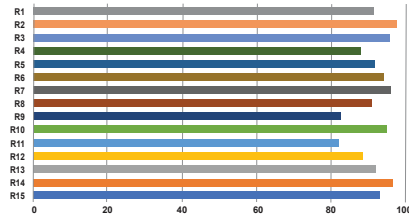
PHOTOMETRIC DATA

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	498 (8.8)	5,357 (2.7)	55 (26)	595 (7.9)	20 (43.5)	214 (13.3)	10 (61)	109 (18.6)	6 (78.3)	66 (23.9)	3 (104.6)	37 (31.9)
	5600K	553 (8.8)	5,948 (2.7)	61 (26)	661 (7.9)	22 (43.5)	238 (13.3)	11 (61)	121 (18.6)	73 (78.3)	93 (23.9)	41 (104.6)	52 (31.9)
Quarter	3200K	413 (6.4)	4,446 (1.9)	46 (18.9)	494 (5.8)	17 (31.7)	178 (9.7)	8 (44.4)	91 (13.5)	5 (57)	55 (17.4)	3 (76.1)	31 (23.2)
	5600K	459 (6.4)	4,936 (1.9)	51 (18.9)	548 (5.8)	18 (31.7)	197 (9.7)	9 (44.4)	101 (13.5)	6 (57)	61 (17.4)	3 (76.1)	34 (23.2)
Half	3200K	335 (7.1)	3,605 (2.2)	37 (21)	401 (6.4)	13 (35.2)	144 (10.7)	7 (49.3)	74 (15.0)	4 (63.3)	45 (19.3)	2 (84.5)	25 (25.8)
	5600K	374 (7.1)	4,025 (2.2)	42 (21)	447 (6.4)	15 (35.2)	161 (10.7)	8 (49.3)	82 (15.0)	5 (63.3)	50 (19.3)	3 (84.5)	28 (25.8)
Full	3200K	304 (7.1)	3,274 (2.2)	34 (21)	364 (6.4)	12 (35.2)	131 (10.7)	6 (49.3)	67 (15.0)	4 (63.3)	40 (19.3)	2 (84.5)	23 (25.8)
	5600K	340 (7.1)	3,655 (2.2)	38 (21)	406 (6.4)	14 (35.2)	146 (10.7)	7 (49.3)	75 (15.0)	4 (63.3)	45 (19.3)	2 (84.5)	25 (25.8)

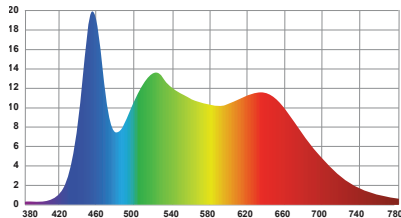
TUNGSTEN SPECTRAL GRAPH



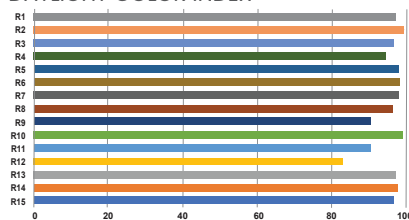
TUNGSTEN COLOR INDEX



DAYLIGHT SPECTRAL GRAPH



DAYLIGHT COLOR INDEX



ACCESSORIES

Head

LM-SPECTRUM-THREE-G2 LiteMat Spectrum 3 Head (2023)

Diffusion

LMA-THREE-DIFF-F LiteMat 3 Full Diffuser

LMA-THREE-DIFF-H LiteMat 3 Half Diffuser

LMA-THREE-DIFF-Q LiteMat 3 Quarter Diffuser

Skirt

LMATHREE-SKIRT LiteMat 3 PolySkirt

Grids

LMA-THREE-LC-GRID LiteMat 3 Parasquare Louver

LMA-THREE-LC-PG30 LiteMat 3 Polygrid, 30°

LMA-THREE-LC-PG60 LiteMat 3 Polygrid, 60°

LMA-THREE-LC-PG90 LiteMat 3 Polygrid, 90°

LMA-THREE-LC-SNAPGRID40 LiteMat 3 Snapgrid 40 w/ Storage Bag

Dimmer

LD-SPECTRUM-ACDC200 LiteDimmer Spectrum AC/DC 200

LD-SPECTRUM-ACDC400 LiteDimmer Spectrum AC/DC 400

Cable

CA-PDX-EXT-25 PDX Extension Cable 25 ft (7.5 m)

CA-PDX-EXT-50 PDX Extension Cable 50 ft (15 m)

Mounting

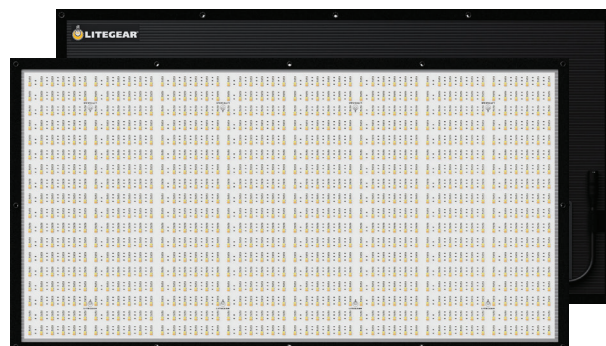
LMA-LITEMOUNT LiteMount

LMA-LITEMOUNT-XL LiteMount, Extra Large

Bag

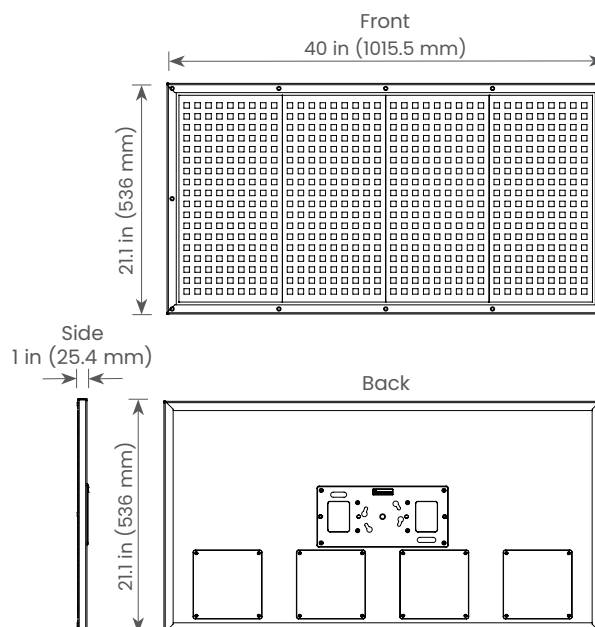
LMA-THREE-BAG LiteMat 3 Kit Bag

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.



PRELIMINARY
SPECIFICATIONS

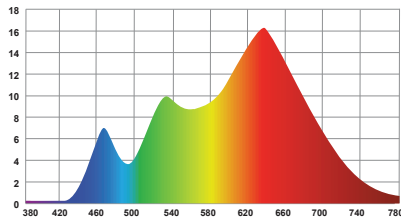
Product Name: LiteMat Spectrum 4
Item Number: LM-SPECTRUM-FOUR-G2
Model: 255-1
Beam Angle: 53° HPA
Input Voltage: 48V DC
Input Current: 4.16A
Total Power: 200W Nominal
Color Temperature Range: 2,000K to 11,000K
Tint Control: Full plus and minus green adjustment
Dimming Range: 0 to 100% Continuous (When 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 (certification pending)



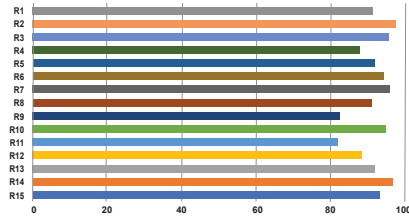
PHOTOMETRIC DATA

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)

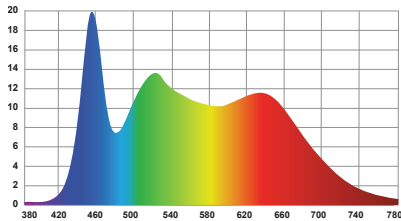
TUNGSTEN SPECTRAL GRAPH



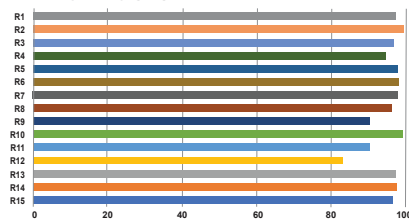
TUNGSTEN COLOR INDEX



DAYLIGHT SPECTRAL GRAPH



DAYLIGHT COLOR INDEX



ACCESSORIES

Head

LMA-SPECTRUM-FOUR-G2 LiteMat Spectrum 4 Head (2023)

Diffusion

LMA-FOUR-DIFF-F LiteMat 4 Full Diffuser

LMA-FOUR-DIFF-H LiteMat 4 Half Diffuser

LMA-FOUR-DIFF-Q LiteMat 4 Quarter Diffuser

Skirt

LMA-FOUR-SKIRT LiteMat 4 PolySkirt

Grids

LMA-FOUR-LC-GRID LiteMat 4 Parasquare Louver

LMA-FOUR-LC-PG30 LiteMat 4 Polygrid, 30°

LMA-FOUR-LC-PG60 LiteMat 4 Polygrid, 60°

LMA-FOUR-LC-PG90 LiteMat 4 Polygrid, 90°

LMA-FOUR-LC-SNAPGRID40 LiteMat 4 Snapgrid 40 w/ Storage Bag

Dimmer

LD-SPECTRUM-ACDC200 LiteDimmer Spectrum AC/DC 200

LD-SPECTRUM-ACDC400 LiteDimmer Spectrum AC/DC 400

Cable

CA-PDX-EXT-25 PDX Extension Cable 25 ft (7.5 m)

CA-PDX-EXT-50 PDX Extension Cable 50 ft (15 m)

Mounting

LMA-LITEMOUNT LiteMount

LMA-LITEMOUNT-XL LiteMount, Extra Large

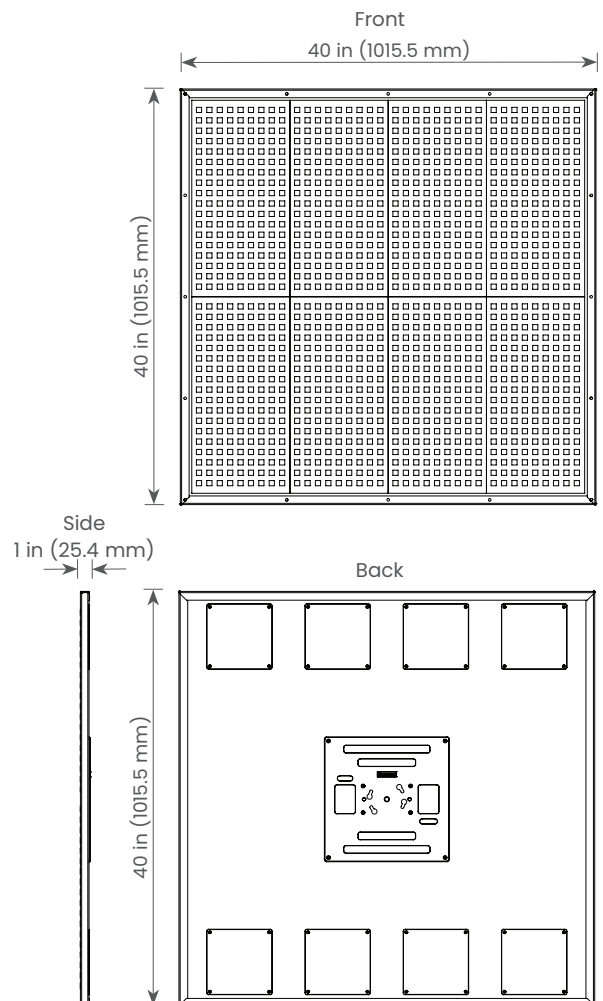
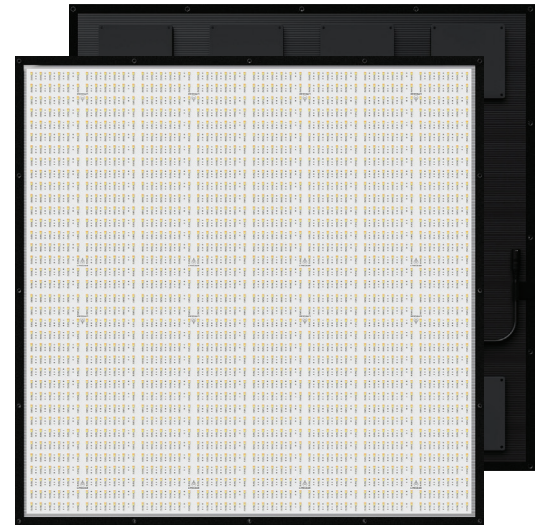
Bag

LMA-FOUR-BAG LiteMat 4 Kit Bag

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.

PRELIMINARY SPECIFICATIONS

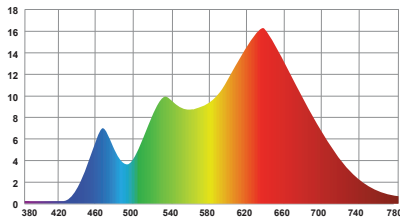
Product Name: LiteMat Spectrum 8
Item Number: LM-SPECTRUM-EIGHT-G2
Model: 256-1
Beam Angle: 53° HPA
Input Voltage: 48V DC
Input Current: 8.64A
Total Power: 400W Nominal
Color Temperature Range: 2,000K to 11,000K
Tint Control: Full plus and minus green adjustment
Dimming Range: 0 to 100% Continuous (When 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 (certification pending)



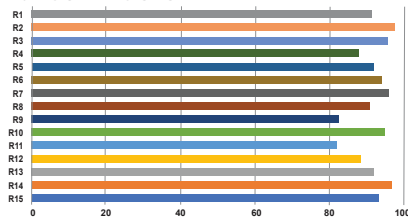
PHOTOMETRIC DATA

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)

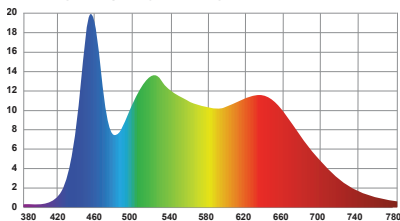
TUNGSTEN SPECTRAL GRAPH



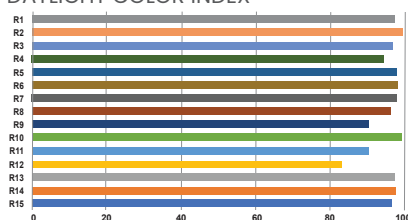
TUNGSTEN COLOR INDEX



DAYLIGHT SPECTRAL GRAPH



DAYLIGHT COLOR INDEX



ACCESSORIES

Head

LM-SPECTRUM-EIGHT-G2 LiteMat Spectrum 8 Head (2023)

Diffusion

LMA-EIGHT-DIFF-F LiteMat 8 Full Diffuser

LMA-EIGHT-DIFF-H LiteMat 8 Half Diffuser

LMA-EIGHT-DIFF-Q LiteMat 8 Quarter Diffuser

Skirt

LMA-EIGHT-SKIRT LiteMat 8 PolySkirt

Grids

LMA-EIGHT-LC-GRID LiteMat 8 Parasquare Louver

LMA-EIGHT-LC-PG30 LiteMat 8 Polygrid, 30°

LMA-EIGHT-LC-PG60 LiteMat 8 Polygrid, 60°

LMA-EIGHT-LC-PG90 LiteMat 8 Polygrid, 90°

LMA-EIGHT-LC-SNAPGRID40 LiteMat 8 Snapgrid 40 w/ Storage Bag

Dimmer

LD-SPECTRUM-ACDC200 LiteDimmer Spectrum AC/DC 200

LD-SPECTRUM-ACDC400 LiteDimmer Spectrum AC/DC 400

Cable

CA-PDX-EXT-25 PDX Extension Cable 25 ft (7.5 m)

CA-PDX-EXT-50 PDX Extension Cable 50 ft (15 m)

Mounting

LMA-LITEMOUNT LiteMount

LMA-LITEMOUNT-XL LiteMount, Extra Large

Bag

LMA-EIGHT-BAG LiteMat 8 Kit Bag