

LiteMat Spectrum 1 is a lightweight LED lighting fixture system designed for cinema, television, and HD video. By providing evenly spaced, color-correct LEDs spread out over a large area, LiteMat creates soft light without requiring diffusion. The “soft-through-pixelization” method allows the unit to achieve bright levels while remaining 0.9 in. (23 mm) thick in size and 2.6 lb. (1.2 kg.) in weight.



SPECIFICATIONS

Product Name: LiteMat Spectrum 1

Item Number: LMG-SPECTRUM-ONE-KIT

Power: 50W

Voltage Input: 48 VDC Power, 5 VDC Signal (PDX Connector)

Current: 1.04A

CCT Range: 2000K-11,000K

CRI: 95+

TLCI: 95+

Total LED Quantity: 1296

Lumens: 3476 (Tungsten), 4180 (Daylight)

Colored Light: Full RGB+W color gamut with Hue and Saturation Control

Green-Magenta Adjustment: Yes

Weight: 2.6 lb., (1.2 kg.) w/ Cable.

Dimensions: Height: 11.5 in. (292 mm)

Width: 21 in. (533 mm)

Depth: 0.9 in. (23 mm)

Operating Temperature: -10°C to +50°C (-14°F to +122°F)

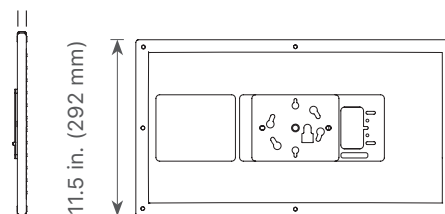
Cable: Attached PDX Cable, 36 in. lead

Mount: LiteGear LiteMount

IP Rating: 20

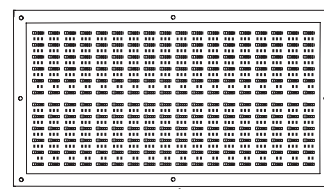
Certifications: N/A

0.9 in.
(23 mm)



11.5 in. (292 mm)

21 in. (533 mm)

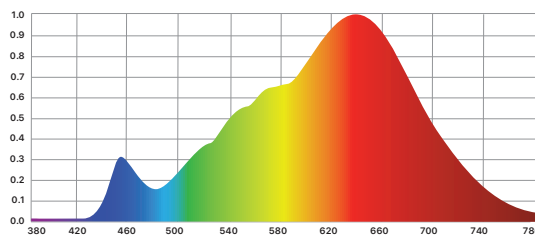
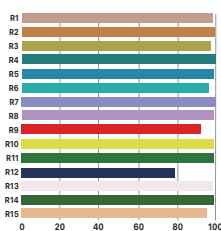
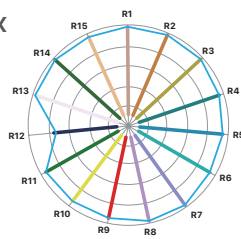


PHOTOMETRIC DATA

	24 in. FC (spread, in.)	61 cm. Lux (spread, cm.)	36 in. FC (spread, in.)	91 cm Lux (spread, cm.)	48 in. FC (spread, in.)	122 cm. Lux (spread, cm.)	60 in. FC (spread, in.)	152 cm Lux (spread, cm.)	72 in. FC (spread, in.)	183 cm. Lux (spread, cm.)
2000K	138 (68.6 x 79.9)	1485 (174 x 203)	61 (102.8 x 119.8)	660 (261x 304)	35 (137.1 x 159.8)	371 (348 x 406)	22 (171.4 x 199.7)	238 (435 x 507)	15 (205.7 x 239.7)	165 (522 x 609)
2600K	264 (61.4 x 76.8)	2846 (156 x 195)	118 (92.2 x 115.2)	1265 (234 x 292)	66 (122.9 x 115.2)	711 (312 x 390)	42 (153.6 x 192)	455 (390 x 487)	29 (184.3 x 230.4)	316 (468 x 518)
4300K	327 (63.7 x 76.8)	3522 (162 x 195)	145 (95.5 x 115.2)	1565 (271 x 292)	82 (127.4 x 115.2)	880 (361 x 390)	52 (159.2 x 192)	564 (451 x 487)	36 (191.1 x 230.4)	391 (542 x 518)
6000K	322 (63.7 x 76.8)	3470 (162 x 195)	143 (95.5 x 115.2)	1542 (271 x 292)	81 (127.4 x 115.2)	868 (361 x 390)	52 (159.2 x 192)	555 (451 x 487)	36 (191.1 x 230.4)	386 (542 x 518)
11000K	310 (66.1 x 76.8)	3337 (167 x 195)	138 (99.1 x 115.2)	1483 (252 x 292)	78 (132.1 x 115.2)	834 (336 x 390)	50 (165.2x 192)	534 (419 x 487)	34 (198.2 x 230.4)	371 (503 x 518)

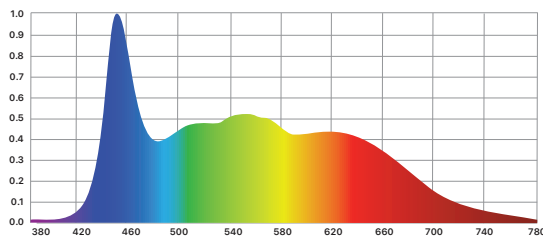
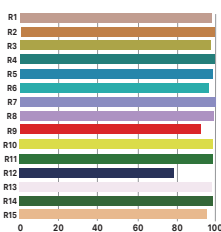
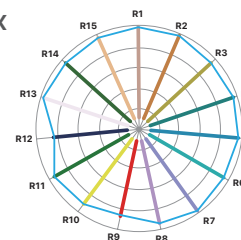
COLOR RENDERING INDEX

Tungsten



COLOR RENDERING INDEX

DayLite



ACCESSORIES

Skirt

LMA-ONE-SKIRT	LMA-ONE-SKIRT
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Control

LMA-ONE-LC-SNAPGRID40	Snapgrid
LMA-ONE-LC-GRID	Parasquare Louver
LMA-ONE-LC-PG15	Polygrid 15°
LMA-ONE-LC-PG30	Polygrid 30°
LMA-ONE-LC-PG60	Polygrid 60°
LMA-ONE-LC-PG90	Polygrid 90°

Diffusion

LMA-ONE-DIFF-F	Full Diffusion
LMA-ONE-DIFF-H	Half Diffusion
LMA-ONE-DIFF-Q	Quarter Diffusion

Mount

LMA-LITEMOUNT	LiteMount
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Cable

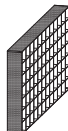
CA-PDX-EXT-25	PDX Extension Cable 25 ft.
CA-PDX-EXT-50	PDX Extension Cable 50 ft.

Bag

LMA-ONE-BAG	KitBag
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PolySkirt



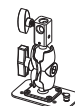
Snapgrid



PolyGrid



Diffusion


Parasquare®
Louver


LiteMount