

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)

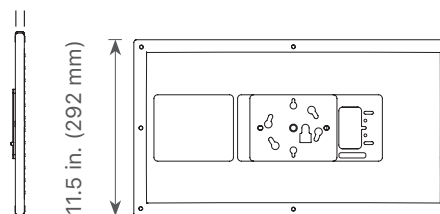
**Cable:** Attached PDX Cable, 36 in. lead

**Mount:** LiteGear LiteMount

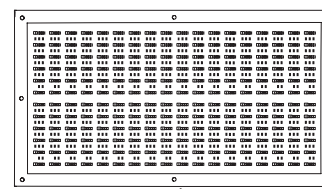
**IP Rating:** 20

**Certifications:** N/A

0.9 in.  
(23 mm)



21 in. (533 mm)

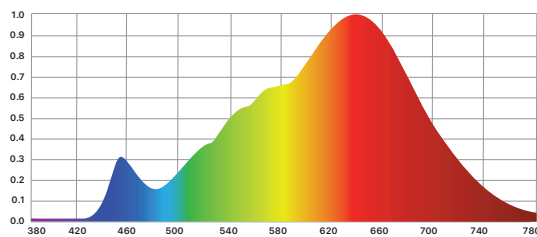
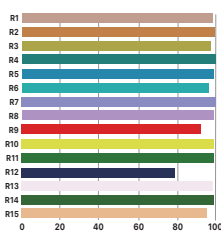
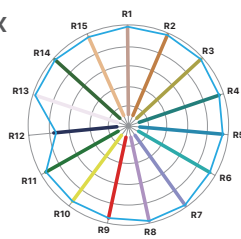


## PHOTOMETRIC DATA

	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.)
<b>2000K</b>	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)
<b>2600K</b>	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)
<b>4300K</b>	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)
<b>6000K</b>	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)
<b>11000K</b>	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)

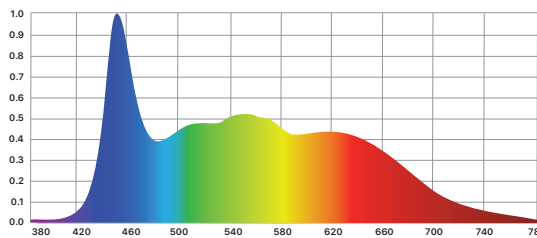
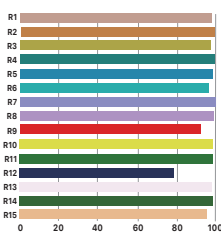
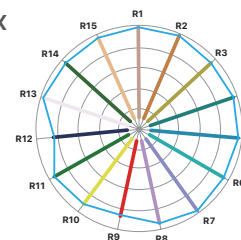
## COLOR RENDERING INDEX

### Tungsten



## COLOR RENDERING INDEX

### DayLite



## ACCESSORIES

### Skirt

LMA-ONE-SKIRT

LMA-ONE-SKIRT

### 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

### Cable

CA-PDX-EXT-25

PDX Extension Cable 25 ft.

CA-PDX-EXT-50

PDX Extension Cable 50 ft.

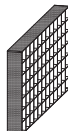
### Bag

LMA-ONE-BAG

KitBag



PolySkirt



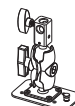
Snapgrid



PolyGrid



Diffusion


Parasquare®  
Louver


LiteMount