LITEGEAR

LITEMAT SPECTRUM SERIES

SPECTRUM 4

June 2020

LiteMat Spectrum 4 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 7.4 lb. (3.4 kg.) in weight.

SPECIFICATIONS

Product Name: LiteMat Spectrum 4

Item Number: LMG-SPECTRUM-FOUR-KIT

Power: 200W

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

Current: 2.08A

CCT Range: 2000K-11,000K

CRI: 95+

TLCI: 95+

Total LED Quantity: 5184

Lumens: 13904 (Tungsten), 16720 (Daylite)

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

Green-Magenta Adjustment: Yes

Weight: 7.4 lb., (3.4 kg.) w/ Cable.

Dimensions: Height: 21 in. (533 mm)
Width: 40 in. (1016 mm)
Depth: 0.9 in. (23 mm)

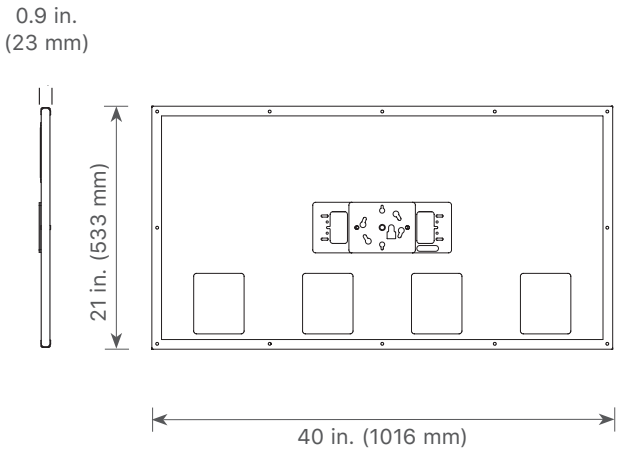
Operating Temperature: -10°C to +50°C (-14°F to +122°F)

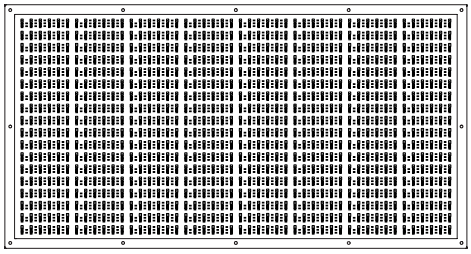
Cable: Attached PDX Cable, 36 in. lead

Mount: LiteGear LiteMount

IP Rating: 20

Certifications: N/A





LITEGEAR, INC. 4406 Vanowen St, Burbank, CA 91505, USA
Hours: Monday-Friday 8AM-4:30PM (PST)
Tel: +1 818 358-8542 SMS: +1 818 495 0600
Email: info@litegear.com or support @litegear.com Web: www.litegear.com

LITEMAT 1 | LITEMAT 2 | LITEMAT 2L | LITEMAT 3 | LITEMAT 4

LED LITE MAT

LITEGEAR

LITEMAT SPECTRUM

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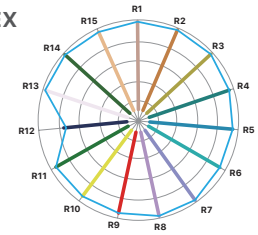
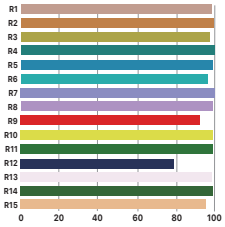
PHOTOMETRIC DATA

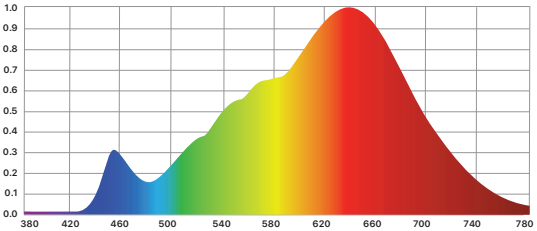
	24 in. FC (spread, in.)	61 cm. Lux (spread, cm.)	36 in. FC (spread, in.)	91 cm Lux (spread, cm.)	48 in. FC (spread, in.)	122 cm. Lux (spread, cm.)	60 in. FC (spread, in.)	152 cm Lux (spread, cm.)	72 in. FC (spread, in.)	183 cm. Lux (spread, cm.)
2000K	512 (57.2 x 69.8)	5511 (145 x 177)	228 (85.8 x 104.8)	2449 (218 x 266)	128 (114.4 x 139.7)	1378 (290 x 355)	82 (143 x 174.6)	882 (363 x 443)	57 (171.6 x 209.5)	612 (436 x 532)
2600K	928 (54.3 x 66.1)	9989 (138 x 168)	412 (81.4 x 99.1)	4440 (207 x 252)	232 (108.5 x 132.1)	2497 (276 x 336)	148 (135.6 x 165.2)	1598 (344 x 420)	103 (162.8 x 198.2)	1110 (414 x 503)
4300K	1132 (55.2 x 67.3)	12185 (140 x 171)	503 (82.8 x 100.9)	5415 (210 x 256)	283 (110.4 x 134.6)	3046 (280 x 342)	181 (138 x 168.2)	1950 (351 x 427)	126 (165.7 x 201.9)	1354 (421 x 513)
6000K	1108 (55.2 x 68.6)	11926 (140 x 174)	492 (82.8 x 102.8)	5301 (210 x 261)	277 (110.4 x 137.1)	2982 (280 x 348)	177 (138 x 171.4)	1908 (351 x 435)	123 (165.7 x 205.7)	1325 (421 x 522)
11000K	1060 (57.2 x 68.6)	11410 (145 x 174)	471 (85.8 x 102.8)	5071 (218 x 261)	265 (114.4 x 137.1)	2852 (291 x 348)	170 (143 x 171.4)	1826 (363 x 435)	118 (171.6 x 205.7)	1268 (436 x 522)

COLOR RENDERING INDEX

Tungsten

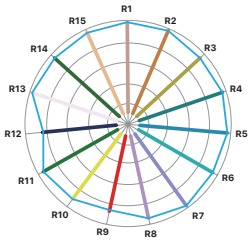


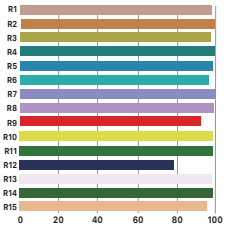


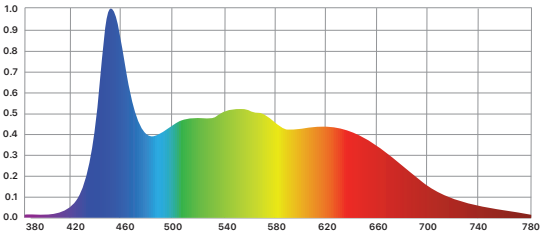


COLOR RENDERING INDEX

DayLite





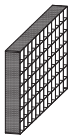


ACCESSORIES

Skirt	
LMA-FOUR-SKIRT	LMA-TWO-SKIRT
Control	
LMA-FOUR-LC-SNAPGRID40	Snapgrid
LMA-FOUR-LC-GRID	Parasquare Louver
LMA-FOUR-LC-PG15	Polygrid 15º
LMA-FOUR-LC-PG30	Polygrid 30º
LMA-FOUR-LC-PG60	Polygrid 60º
LMA-FOUR-LC-PG90	Polygrid 90º

Diffusion	
LMA-FOUR-DIFF-F	Full Diffusion
LMA-FOUR-DIFF-H	Half Diffusion
LMA-FOUR-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-FOUR-BAG	KitBag

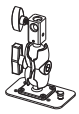
PolySkirt


Snapgrid

PolyGrid

Diffusion

Parasquare® Louver


LiteMount

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