MODEL - S2 LITEMAT 1 (ONE), CINEMA/TELEVISION LED LIGHTING SYSTEM

S2 LITEMAT 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 light levels while remaining 0.9 in. (23 mm) thick in size and 2.3 lb (1 kg) in weight.

PARTS & ACCESSORIES
LiteMat Head: LM-ONE-HY-MAT
LiteDimmer Micro Hybrid: LD-MICRO-HYBRID
Pro Hybrid: LD-PRO-HYBRID
Actuator Tool: TOOL-ACTUATOR
Remote Trigger: 2110002
LitePower Supplies 4A: PS-12V-4A-F-UL
8A: PS-12V-8A-F-UL
LitePower Extensions 3`: CA-PH3-EXT-3F-FLAT-B
6`: CA-PH3-EXT-6F-FLAT-B
12`: CA-PH3-EXT-12F-FLAT-B
24`: CA-PH3-EXT-24F-FLAT-B
LiteMount: LMA-LITEMOUNT
Center Mount: LMA-MOUNT-S
Pistol-Grip Mount: LMA-MOUNT-PISTOLGRIP
PolySkirt: LMA-ONE-SKIRT
PolySnoot: LMA-ONE-SNOOT
Parasquare® Louver: LMA-ONE-LC-GRID
PolyGrid 15: LMA-ONE-LC-PG15
30: LMA-ONE-LC-PG30
60: LMA-ONE-LC-PG60
90: LMA-ONE-LC-PG90
SoftGrid 30°: LMA-ONE-LC-SG30
Diffusion Quarter: LMA-ONE-DIFF-Q
Half: LMA-ONE-DIFF-H
Full: LMA-ONE-DIFF-F
KitBag: LMA-ONE-BAG

ACCESSORIES
PolySkirt PolySnoot SoftGrid Parasquare® Louver PolyGrid Diffusion Center Mount LiteMount

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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
**MECHANICAL AND ELECTRICAL SPECIFICATIONS (US/METRIC)**

<table>
<thead>
<tr>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
<th>Weight</th>
<th>Voltage</th>
<th>Current</th>
<th>Power</th>
<th>LED Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>(in.)</td>
<td>(mm)</td>
<td>(in.)</td>
<td>(lb)</td>
<td>(VDC)</td>
<td>(Amps)</td>
<td>(Watts)</td>
<td></td>
</tr>
<tr>
<td>11.5</td>
<td>292</td>
<td>21</td>
<td>2.3</td>
<td>12</td>
<td>4.17</td>
<td>50</td>
<td>288</td>
</tr>
</tbody>
</table>

**PHOTOMETRIC SPECIFICATIONS (US/METRIC)**

<table>
<thead>
<tr>
<th>Kelvin</th>
<th>CRI</th>
<th>TLCI</th>
<th>Lumens</th>
<th>fc @ 12 in.</th>
<th>fc @ 24 in.</th>
<th>fc @ 36 in.</th>
<th>fc @ 48 in.</th>
<th>fc @ 60 in.</th>
<th>fc @ 72 in.</th>
<th>fc @ 84 in.</th>
<th>fc @ 96 in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tungsten</td>
<td>97+</td>
<td>96+</td>
<td>2306</td>
<td>779 (8381)</td>
<td>195 (2095)</td>
<td>87 (931)</td>
<td>49 (524)</td>
<td>31 (335)</td>
<td>22 (233)</td>
<td>16 (171)</td>
<td>12 (131)</td>
</tr>
<tr>
<td>Mid</td>
<td>95+</td>
<td>95+</td>
<td>2548</td>
<td>1706 (18368)</td>
<td>427 (4590)</td>
<td>190 (2040)</td>
<td>107 (1148)</td>
<td>68 (735)</td>
<td>47 (510)</td>
<td>35 (375)</td>
<td>27 (287)</td>
</tr>
<tr>
<td>Daylite</td>
<td>95+</td>
<td>95+</td>
<td>2735</td>
<td>968 (10412)</td>
<td>242 (2603)</td>
<td>108 (1157)</td>
<td>61 (651)</td>
<td>39 (417)</td>
<td>27 (289)</td>
<td>20 (213)</td>
<td>15 (163)</td>
</tr>
</tbody>
</table>

Measurements obtained are an average from random S2 LiteMat 1 units under lab conditions.

**BEAM SPREAD (US/METRIC)**

<table>
<thead>
<tr>
<th>Distance (in)</th>
<th>12</th>
<th>24</th>
<th>36</th>
<th>48</th>
<th>60</th>
<th>72</th>
<th>84</th>
<th>96</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distance (cm)</td>
<td>30</td>
<td>61</td>
<td>91</td>
<td>122</td>
<td>152</td>
<td>183</td>
<td>213</td>
<td>244</td>
</tr>
</tbody>
</table>

Measurements obtained using a S2 LiteMat 1 at horizontal position connected directly to a 15A, 12VDC LitePower Supply under lab conditions.

**TUNGSTEN COLOR RENDERING INDEX**

![Tungsten Color Rendering Index](image)

**TUNGSTEN SPECTRAL GRAPH**

![Tungsten Spectral Graph](image)

**DAYLITE COLOR RENDERING INDEX**

![Daylite Color Rendering Index](image)

**DAYLITE SPECTRAL GRAPH**

![Daylite Spectral Graph](image)