The regular RGB panels are high bright in CCT mode, but much lower in RGB color mode. That's because in a regular RGB light, the RGB color LED and White LED have fixed rates to share the total power of the light, and when output color lights, the RGB LEDs use only 1/3 power. By SWIT unique Time Division Drive tech, full power of the light can be assigned to R/G/B color LEDs, and greatly increased the intensity of color light. The 100W CL-M100C equals to a regular 300W RGB color light intensity.

100W RGBW LEDs
1:1/2’ Mini Size for Low Ceiling Studio

CL-M100C is an 100W RGBW SMD LED panel light of 1:1/2’ mini size designed, high intensity and fanless, for broadcast studio, live entertainment, theater, film applications, especially the low ceiling space setup.

<table>
<thead>
<tr>
<th>Distance</th>
<th>1 meter</th>
<th>2 meters</th>
<th>3 meters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illuminance</td>
<td>3000Lux</td>
<td>854Lux</td>
<td>384Lux</td>
</tr>
</tbody>
</table>

No Fan, No Noise
Absolute Silent Studio

The large size fin consender inside CL-M100C ensures 100W high bright output within such a small size housing, no fan, no noise, to provide a silent video production environment.

DMX and Bluetooth APP
Hot keys, 5-pin DMX512 in and out

CL-M100C RGBW panel light provides rich on-board operations with 3.5-inch color LCD, DMX IN & OUT sockets, and can be operated by Smart phones via bluetooth APP.

Search “SWIT Console” at APP Store or Google Play Or scan QR code to download.

Brighter RGBW
CTDM Time-Division Drive Tech

The regular RGB panels are high bright in CCT mode, but much lower in RGB color mode. That's because in a regular RGB light, the RGB color LED and White LED have fixed rates to share the total power of the light, and when output color lights, the RGB LEDs use only 1/3 power. By SWIT unique Time Division Drive tech, full power of the light can be assigned to R/G/B color LEDs, and greatly increased the intensity of color light. The 100W CL-M100C equals to a regular 300W RGB color light intensity.

<table>
<thead>
<tr>
<th>Illuminance</th>
<th>Regular RGB lights</th>
<th>CL-M100C</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCT mode Max</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Pure RED light</td>
<td>Approx. 20% - - - - - - - - - 35%</td>
<td></td>
</tr>
<tr>
<td>Pure GREEN light</td>
<td>Approx. 50% - - - - - - - - - 80%</td>
<td></td>
</tr>
<tr>
<td>Pure BLUE light</td>
<td>Approx. 9% - - - - - - - - - 20%</td>
<td></td>
</tr>
</tbody>
</table>
**Specifications**

**Model**

<table>
<thead>
<tr>
<th>Model</th>
<th>CL-M100C</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEDs</td>
<td>170pcs RGB + 340pcs W</td>
</tr>
<tr>
<td>Color Temp</td>
<td>2800K-10000K, GM±1.00</td>
</tr>
<tr>
<td>Illuminance</td>
<td>3000Lux @ 1m</td>
</tr>
<tr>
<td>Color Render</td>
<td>CRI 96; TLCI 93</td>
</tr>
<tr>
<td>DMX</td>
<td>5pin DMX512 in &amp; out</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>AC 100-240V, 50/60Hz</td>
</tr>
<tr>
<td>Power</td>
<td>100W</td>
</tr>
<tr>
<td>Net Weight</td>
<td>5.1kg incl. Barndoors</td>
</tr>
</tbody>
</table>

---

**Power and Control**

- **5-pin DMX512 IN & OUT**
  - Addr | CCT | HSI |
  - N | Intensity | Color Temp | Intensity | Hue | Saturation |
  - N+1 | G/M |   |   |   |
  - N+2 | G/M |   |   |   |

- **PowerCON TRUE1 AC IN & LOOP OUT**

- **5-pin DMX512 IN & OUT**
  - Addr | RGB | CIE |
  - N | Red Intensity | Green Intensity | Blue Intensity |
  - N+1 |   |   |   |
  - N+2 |   |   |   |

- **On-board 3.5-inch Color LCD Display**

- **PA-LC20**
  - Included: TRUE1 AC Cable
  - Optional: TRUE1 Loop Cable
  - 2 meters length, Max 16A load;
  - 220V: Loop up to 25x CL-M100C
  - 110V: Loop up to 13x CL-M100C

---

**Reserved Area**

---

**SWIT Electronics Co., Ltd.**
+86-25-85805753
http://www.swit.cc
Email: contact@swit.cc

---

**SWIT Electronics America, Inc**
1-(408)260-8258
http://www.switusa.com
Email: info@swit.us

---

**SWIT Electronics Europe GmbH**
+49(0)2131 6632331
http://www.switeu.com
Email: info@swit-europe.com

---

**Facebook Page**

**Instagram**