**SolaHyBeam 1000**

**Technical Data Sheet**

### Features

- Wash / Beam Optical Design
- LED Animation Macros
- Modular Construction
- Fast Service Design
- Electronic Cooling System Control
- LED Type- 440W Bright White Engine
- LED Hours- 70% Luminous output, 50,000 hrs.
- Active Thermal Control
- Fan Modes- Standard / Continuous / Studio
- RDM Compatible
- Control Options- DMX 512 / RDM / Art-Net
- DMX Channels- 32

- Pan - 540°
- Tilt - 265°
- Max Speed Pan- 360° (seconds) - 2.27
- Max Speed Tilt- 180° (seconds) - 1.25
- Full Color LCD Display W/ Battery Mode
- 5-Pin DMX/RDM Connector
- Ethernet Connector
- “PowerCON True1” Connector
- Pan and Tilt Locks
- Road Case Included

### Optical

**Fixed Color Wheel**

- 7 + Open
  - 1- Red
  - 2- Blue
  - 3- Green
  - 4- Yellow
  - 5- Orange
  - 6- Purple
  - 7- Dark Blue

**Rotating Gobo Wheel**

- 6 + Open
  - Linear - CMY / CTO
  - Lens Defog System
  - Iris
  - Rotating Gobo Wheel - 6 + Open

- Linear Light Frost
- Linear Heavy Wash
- Zoom - Beam Mode - 8-45 degrees
- Wash Mode - 10-50 degrees

**Photometrics**

- Lumens*- 20,000
- CRI- >70
- Color Temperature- 6500K

**Gobo Dimensions**

\[ \varnothing \{ 0.0 - 30\text{mm} (1.18 \text{ in}) \}

Image Area- 25mm (.98 in)

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* Lumens as measured by Everfine 2.0 integrating sphere and PMS-80 spectrophotometer. Calibration date March 3, 2014
## Electrical

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Power Rating</td>
<td>AC 100V - 240V 50/60 Hz</td>
</tr>
<tr>
<td>Auto Switching Power Supply</td>
<td></td>
</tr>
<tr>
<td>Db(A)</td>
<td>38</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>6.2 - 2.4 Amps</td>
</tr>
</tbody>
</table>

## Dimensions / Physical

### Fixture Dimensions

- **Height:** 497mm (19.6 in.)
- **Width:** 260mm (10.2 in.)
- **Depth:** 450mm (18.1 in.)
- **Height:** 574mm (22.6 in.)
- **Width:** 444mm (17.5 in.)
- **Depth:** 423mm (16.7 in.)

<table>
<thead>
<tr>
<th>Specification</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixture Weight</td>
<td>28 Kg (61 Lbs.)</td>
</tr>
<tr>
<td>Packing Gross / Shipping Weight</td>
<td>67.1 Kg (148 Lbs.)</td>
</tr>
<tr>
<td>Shipping Dimensions (L x W x H)</td>
<td>584 x 610 x 940 mm</td>
</tr>
<tr>
<td></td>
<td>23 x 24 x 37 in.</td>
</tr>
<tr>
<td>Min Distance to Flammable Objects</td>
<td>0.5m (1.64 ft.)</td>
</tr>
<tr>
<td>Min Distance to Lighted Objects</td>
<td>1.5m (4.9 ft.)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>0 - 45°C (32 - 113°F)</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-20 - 60°C (0 - 140°F)</td>
</tr>
<tr>
<td>Compliance Approvals</td>
<td>CE, ETL</td>
</tr>
</tbody>
</table>

### Mounting Options

The fixture can be truss mounted using included mounting brackets. It can also stand upright on a stable surface.

- Available Fixture Colors - Black - PN H7010029
- White - By Request
Zoom Range and Distance Chart

Wash Mode
10 to 50 degrees

Beam Mode
5 to 45 degrees

Distance

2m
Narrow: 175000 Lux
Wide: 14380 Lux

4m
Narrow: 43750 Lux
Wide: 3590 Lux

6m
Narrow: 19440 Lux
Wide: 1600 Lux

8m
Narrow: 10940 Lux
Wide: 9000 Lux

10m
Narrow: 7000 Lux
Wide: 580 Lux

Distance

5m
Narrow: 32000 Lux
Wide: 2800 Lux
ø .71m
ø 4.24m

10m
Narrow: 8000 Lux
Wide: 700 Lux
ø 1.42m
ø 8.48m

15m
Narrow: 3560 Lux
Wide: 310 Lux
ø 2.1m
ø 12.7m

20m
Narrow: 2000 Lux
Wide: 180 Lux
ø 2.8m
ø 17m

25m
Narrow: 1280 Lux
Wide: 110 Lux
ø 3.6m
ø 21.2m

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