Introducing the Incredible Flare HR
The Market Leader in Concert Lighting. Now Coming to a Building Near You!

Super Bright, Outdoor LED RGBW Dual-Head Wash Fixture
(Single-head and Single-head with remote ballast also available)

IP Rated for Architectural Installations

The Solaris FLARE IP High Reach (HR) RGBW ultra-high output, long throw fixtures deliver over 27,000 lumens of brightness over long distance! Based on technology proven in the award-winning super-bright Flare stage lighting fixture, Flare IP models offer unprecedented RGBW output per Watt, making it a truly “Green” product.

Flare IP HR features carefully selected lenses, delivering an incredibly smooth and even field. Full RDM implementation provides easy setup and monitoring in a tamper-proof design. High output in a compact design makes Flare IP the most powerful, desirable, outdoor Architectural fixtures available for colour-changing illumination of large structures of all kinds. Silent, passive cooling makes the Flare IP ideal for noise sensitive applications such as theatre and classical concert venues. IP65 rating ensures dependable, long-term use outdoors.

Also available, the Flare IP High Definition (HD) single-head version with 22˚, 36˚, 54˚, and 70˚ beam width options.

• Incredibly BRIGHT! The HR model delivers over 27,000 lumens with 8° beam width*
• Ultra-long throw! Up to 2200 lux @ 50 ft.; 540 lux @ 100 ft. (subject to change)
• IP65 rated for outdoor use.
• Full RDM functionality for easy monitoring and setup.
• RGBW colour-changing illumination with smooth, even field over great distances.
• Intelligent thermal management for the hottest and coolest environments.
• Based on proven technology used in the popular, award-winning Solaris Flare.

* based on preliminary photometric data for dual head HR
### Base/PSU Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Single Head Specifications</th>
<th>Dual Head Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control Protocol</td>
<td>DMX 512A + RDM</td>
<td></td>
</tr>
<tr>
<td>DMX Channels</td>
<td>4-16</td>
<td></td>
</tr>
<tr>
<td>AC Power</td>
<td>90-277V, 50/60 Hz</td>
<td></td>
</tr>
<tr>
<td>DMX connectors</td>
<td>In/Out Hard wired</td>
<td></td>
</tr>
<tr>
<td>Power connectors</td>
<td>In Hard wired</td>
<td></td>
</tr>
<tr>
<td>Cooling</td>
<td>Passive</td>
<td></td>
</tr>
<tr>
<td>IP Rating</td>
<td>IP65</td>
<td></td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-20° - +40° C</td>
<td></td>
</tr>
</tbody>
</table>

Specifications and features are subject to change without notice.

### Single Head Specifications

- **LED power**: 575
- **Total lumen output**: 14,500
- **LED light sources**: 216 CREE®
- **Native LED colours**: RGBW
- **Pixels per head**: 1
- **Beam spread**: 8°
- **Refresh rate**: 1200 Hz
- **Cooling**: Passive
- **IP Rating**: IP65
- **Operating Temperature**: -20° - +40° C

### Dual Head Specifications

- **LED power**: 1150
- **Total lumen output**: 29,000
- **LED light sources**: 432 CREE®
- **Native LED colours**: RGBW
- **Pixels per head**: 1
- **Beam spread**: 8°
- **Refresh rate**: 1200 Hz
- **Cooling**: Passive
- **IP Rating**: IP65
- **Operating Temperature**: -20° - +40° C

Specifications and features are subject to change without notice.

### Dimensions in millimeters [inches]

- Width (with head(s)): 680 mm [26.8”]
- Height (with head(s)): 400 mm [15.75”]
- Depth (with head(s)): 550 mm [21.7”]
- Weight (Single head): 34 kg [75 lb]
- Weight (Dual head): 50 kg [110 lb]
- Remote Ballast Weight: 8 kg [17.6 lb]
- Egg-crate Louvre Weight: 5 kg [11 lb]

Specifications and features are subject to change without notice.
### IES Photometric Data
8° Single Head HR

<table>
<thead>
<tr>
<th></th>
<th>Red</th>
<th>Green</th>
<th>Blue</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>Candela</td>
<td>52583 cd</td>
<td>99169 cd</td>
<td>17192 cd</td>
<td>177165 cd</td>
</tr>
<tr>
<td>Lumens</td>
<td>2037 lm</td>
<td>4410 lm</td>
<td>739 lm</td>
<td>6766 lm</td>
</tr>
<tr>
<td>Power</td>
<td>132 W</td>
<td>167 W</td>
<td>170 W</td>
<td>166 W</td>
</tr>
</tbody>
</table>

**Totals (Max.):**
- Candela: 346109 cd
- Lumens: 13952 lm
- Power: 575 W

![Red Graph](image1)

![Green Graph](image2)

![Blue Graph](image3)

![White Graph](image4)
Flare IP HR Glare Shields

Dimensions in millimeters [inches]