Own the Dark - Get More Glow for Less Dough

If you are looking for dramatic, eye-popping, professional black light effects, your fixture needs to emit true 365nm ultraviolet light. Most LED blacklights emit 385nm to 400nm, producing an inefficient output requiring added filters and lower output.

Zylight’s F8-B² is the only fixture that combines our proprietary Tru365™ LED module with the flexibility and control of a focusable glass Fresnel lens. Our second generation chip is 3x more powerful than the first, delivering more punch at longer distances. Our active cooling utilizes an ultra-low noise fan and offers dual-mode settings for silent when needed or boost mode for maximum punch.

With no lenses to change, no filters to check, and no fixed beam patterns to limit your creativity. Emitting a powerful narrow band of UV light, that’s the power of Tru365.
Zylight F8-B² Flat Fresnel Specifications

**Warning:** This fixture emits Ultraviolet Radiation (UVA) at a primary wavelength of 365nm. The radiation emitted is not in the visible spectrum and can cause eye and skin damage! Do not look directly into the lens during operation! Please use caution and wear eye protection and protective clothing for anything other than brief temporary exposure. This fixture is meant to be used at distances of over 10 feet (3m).

**Mechanical**
- **Lens Diameter:** 8” (203mm)
- **Size (W x D x H):** 13.38” x 5.9” x 13” (340mm x 150mm x 330mm)
- **Weight:** 10.9 lbs. (4.94 kg) with Yoke
- **Mounting:** Standard Yoke (Optional: Pole Yoke Mount)
- **Weather Resistance:** IP54

**Electrical**
- **Input:** 10 - 20VDC, 4 - Pin XLR (14.4V Battery Plate - Optional)
- **Power:** 100W Max. (8.0 Amps @ 14VDC)
- **Cooling:** Dual Mode Fan (Silent / Boost)

**Output**
- **Beam Angle:** 16° - 70°, Variable Spot Flood
- **Dimming:** 100 - 0%
- **Control:** Rear Panel Local, ZyLink Wireless, DMX512A
- **Wavelength:** 365nm Blacklight
- **LED L70:** 25,000 Hours
- **Useful Lifetime**: 30,000 Hours
- **Warranty:** 2 Year Limited Warranty

**Kit Includes:** Yoke, Snoot, Barn Doors, DMX Interface and Power Supply

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**SPOT POSITION**

<table>
<thead>
<tr>
<th>Distance [feet]</th>
<th>3</th>
<th>5</th>
<th>10</th>
<th>15</th>
<th>20</th>
<th>25</th>
<th>30</th>
<th>40</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beam diameter [feet]</td>
<td>0.84</td>
<td>1.13</td>
<td>2.81</td>
<td>4.22</td>
<td>5.62</td>
<td>7.03</td>
<td>8.43</td>
<td>11.24</td>
<td>14.05</td>
</tr>
<tr>
<td>UV-A Intensity [microW/cm²]</td>
<td>37,150</td>
<td>16,079</td>
<td>3,994</td>
<td>1,779</td>
<td>998</td>
<td>640</td>
<td>116</td>
<td>65</td>
<td>42</td>
</tr>
</tbody>
</table>

**FLOOD POSITION**

<table>
<thead>
<tr>
<th>Distance [feet]</th>
<th>3</th>
<th>5</th>
<th>10</th>
<th>15</th>
<th>20</th>
<th>25</th>
<th>30</th>
<th>40</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beam diameter [feet]</td>
<td>4.20</td>
<td>7.00</td>
<td>14.00</td>
<td>21.01</td>
<td>28.01</td>
<td>35.01</td>
<td>42.01</td>
<td>56.02</td>
<td>70.02</td>
</tr>
<tr>
<td>UV-A Intensity [microW/cm²]</td>
<td>6,575</td>
<td>2,846</td>
<td>707</td>
<td>315</td>
<td>177</td>
<td>113</td>
<td>79</td>
<td>44</td>
<td>28</td>
</tr>
</tbody>
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