Examination Light

AIM-50®

The perfect combination of high intensity, performance, limitless rotation and unparalleled aesthetics.
Providing both amazing value and unparalleled aesthetics, Burton’s AIM-50 also boasts limitless rotation on ceiling mounts (a feature previously available only on OR type lights). Along with highest intensity illumination, AIM-50 delivers very smooth focus and superior maneuverability. A longer arm system ensures it can be positioned in the widest range of positions possible, making it ideal for examination applications.

**Features**

- High-intensity of 45,000 lux (4181 fc) at 1 meter
- 3100 K color temperature offers natural and true coloring
- High CRI (Color Rendering Index) of 96
- Uses three quartz halogen bulbs – each rated with a 2000-hour bulb life. Bulbs wired in parallel for continuous operation
- Compact 20” (51 cm) diameter lighthead
- Extremely smooth focus mechanism with center sterilizable handle
- 360° limitless arm and mounting system rotation around vertical axes (on single ceiling models)
- Cool operation for long hours of use
- 120V standard; 100 and 230 / 240V models available
- IEC/UL 60601-1 / IEC 60601-2-41 / IEC/EN 60601-1-2; CAN/CSA C22.2 601-1 M90 certified
- CE marked
- 5-year limited warranty
- Assembled in USA
Sterilizable Center Handle
Extremely smooth focus mechanism

Compact Design
20" (51 cm) diameter lighthead

360° limitless rotation

AIM-50 product dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Measurement</th>
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<tbody>
<tr>
<td>Diameter</td>
<td>20&quot; (51 cm)</td>
</tr>
<tr>
<td>Height</td>
<td>69&quot; (175.26 cm)</td>
</tr>
<tr>
<td>Width</td>
<td>22&quot; (55.88 cm)</td>
</tr>
<tr>
<td>Arm Length</td>
<td>41&quot; (104.14 cm)</td>
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<tr>
<td>Arm Width</td>
<td>23&quot; (58.42 cm)</td>
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<tr>
<td>Column Length</td>
<td>31&quot; (78.74 cm)</td>
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<tr>
<td>Base Width</td>
<td>22&quot; (55.88 cm)</td>
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</table>
### Summary of technical data

**AIM-50**

- **Illuminance:** 45,000 Lux (4181 fc) at 1 meter
- **Color Temperature:** 3100 Kelvin
- **CRI (Color Rendering Index):** 96
- **Light Source:** Halogen 50 W, 12v, bi-pin
- **Rated Life of Halogen:** 2,000-hour
- **Number of Bulbs:** 3
- **Power:** 184 Watts
- **Total Weight:** 54 lbs. (floor stand), 64 lbs. (single ceiling)
- **Diameter of Lighthead:** 20” (51 cm)
- **Light Field Diameter:** 9.6” - 12” (25 cm - 31 cm)
- **Depth of Illumination:** 47” (119 cm)
- **Focusing:** Adjustable by rotating center handle
- **Rotation:** 360° (limitless) on single ceiling models
- **Sterilizable Handle:** Locks into position with one hand
- **Swivel Radius of Lamp Housing-Ceiling Mounted:** 63” (160 cm) max.
- **Minimum Ceiling Height/Maximum Ceiling Height:** 8 ft. / 12 ft. (244 cm / 366 cm)
- **Height Movement of Lamp Housing-Ceiling Mounted:** 41” (104 cm) vertical movement
- **Mounting Options:** Single Ceiling, Double Ceiling, Floor Stand and Wall
- **Seismic Calculations Available:** Yes
- **Bulb Change Mechanism:** Changes from top with Phillips screwdriver
- **Replacement Bulbs:** AIM-50 replacement bulbs, sterilizable handles and disposable handle covers are available
- **Applications:** Emergency Room, Examination Room, Ophthalmology and Clinics
- **Certifications/Approvals:** IEC/UL 60601-1 / IEC 60601-2-41 / IEC/EN 60601-1-2; CAN/CSA C22.2 601-1 M90 certified; CE marked
- **Product Warranty:** 5-year limited warranty
- **Origin:** Assembled in the USA

### Ordering Information

**AIM-50**

<table>
<thead>
<tr>
<th>120v MODEL</th>
<th>230v MODEL</th>
<th>230v SP MODEL*</th>
<th>240v MODEL</th>
<th>100v MODEL</th>
<th>DESCRIPTION</th>
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**ACCESSORIES**

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*SP Model refers to Spanish Language Manuals.