AIM® HI LED

High-quality illuminance, user-friendly dimming and focus controls combined with an arm and mount system that allows for precise positioning and maximum flexibility and reach.
AIM HI LED

The right light for surgical procedures.

Burton has designed a surgical light that optimizes design, performance and value. AIM HI LED precisely-positioned, high-intensity LED modules reduce shadows and produce a larger and adjustable light pattern. User-friendly dimming and focus controls are conveniently located on and near the light head handle.

Burton’s drift-free arm and mounting systems offer the user flexibility, reach, and ease of placement. All this in a light system that is value-driven, dependable, assembled in the USA, and backed by Burton’s industry-leading 5-year warranty and EnabLED license.

Features
• 100,000 lux (9290 fc) at 1 meter (AIM HI 100)
• 70,000 lux (6503 fc) at 1 meter (AIM HI 70)
• 4300 K color temperature
• CRI (Color Rendering Index) of >95
• 3-step dimmable (100% / 75% / 50%) using easy-to-reach buttons
• Multiple LED system helps minimize shadowing
• Larger adjustable light pattern
• Focus by rotating center handle
• 360° limitless arm rotation (single ceiling mount)
• Sizable downtube
• Smooth design; easy to clean
• 5-year limited warranty
• Assembled in USA

Larger and Adjustable Light Pattern
The multiple reflectors of the AIM HI LED can be tilted by rotating the sterilizable light handle to adjust the size and pattern of the light to the working area.

Light Pattern Free of Cast Shadows
The AIM HI LED has a unique Y-Shaped design, which facilitates placement of the light head around the practitioner’s head minimizing the obstruction of light into the surgical field.

<table>
<thead>
<tr>
<th>Depth of Field / Beam Diameter</th>
<th>cm</th>
<th>in</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Depth of Field</td>
<td>119</td>
</tr>
<tr>
<td>B</td>
<td>Beam Diameter</td>
<td>25</td>
</tr>
</tbody>
</table>
All models are sold complete with light and arm system. (Product images not to scale.)
Summary of technical data

AIM HI LED

Illuminance: AIM HI 100 - 100.00 Lux (9290 fc) / AIM HI 70 - 70,000 Lux (6503 fc)
Color Temperature: 4300 Kelvin
CRI (Color Rendering Index): >95
Focusing: Adjustable by rotating center handle
Light Source: LED
Number of LED Modules: 3
Rated Life of LED Lamp: 50,000-hour
Power: AIM HI 100 - 45 Watts / AIM HI 70 - 37 Watts
Total Weight: Floor Stand 35 lbs. (15.9 kg), Single Ceiling Mount 57 lbs. (25.8 kg)
Certifications/Approvals: IEC 60601-1 / IEC 60601-1-2 / IEC 60601-2-41 / IEC 60601-1-6
Product Warranty: 5-year limited warranty

Ordering Information

AIM HI LED

Universal Input
100-240v 50-60Hz Model | Description
--- | ---
ALED070FL00 | ALED070 Floor Stand NEMA 5-15P
ALED070FL01 | ALED070 Floor Stand, CEE 7/7
ALED070FL02 | ALED070 Floor Stand, AS/NZS 3112
ALED070FL03 | ALED070 Floor Stand, BS1363
ALED070SC | ALED070 Single Ceiling
ALED070DC | ALED070 Dual Ceiling
ALED070W | ALED070 Wall
ALED100FL00 | ALED100 Floor Stand, NEMA 5-15P
ALED100FL01 | ALED100 Floor Stand, CEE 7/7
ALED100FL02 | ALED100 Floor Stand, AS/NZS 3112
ALED100FL03 | ALED100 Floor Stand, BS1363
ALED100SC | ALED100 Single Ceiling
ALED100DC | ALED100 Dual Ceiling
ALED100W | ALED100 Wall

ACCESSORIES

Model No. | Description
--- | ---
0107040 | Sterilizable / Autoclavable Handle
4000420 | Disposable handle covers, sterile, 25/box

IEC Plug Type

Default (No Code): NEMA 5-15P
01: CEE 7/7
02: AS/NZS 3112
03: BS1363

Floor Model Only: Add appropriate Plug Type to the end of the model number.¹

Example 1: OPLEDFL for a 100-240V Floor Wall Model with Nema 5-15P Plug.
Example 2: OPLEDFL09 for a 100-240V Floor Stand Model with SCHUKO CEE 7/7 to C60320C13 Plug.

Ceiling Models Only: Add appropriate Ceiling Height to the end of the model number.²

Example 3: OPLEDSC for a 100-240V Single Ceiling Model, 8 Foot Ceiling Height.
Example 4: OPLEDC09 for a 100-240V Dual Ceiling Model, 9 Foot Ceiling Height.

¹ 1100-120V Do not add Plug Type, NO CODE: NEMA 5-15P, 01: CEE 7/7, 02: AS/NZS 3112, 03: BS1363.
² 8 Foot Ceiling, No Code Required

© 2018 Burton Medical. All rights reserved. Burton Medical reserves the right to make changes in specifications and/or to discontinue any product at any time without notice or obligation and will not be liable for any consequences resulting from the use of this publication.