



Minor Surgery

# AIM-50<sup>®</sup> & AIM-100<sup>®</sup>

The perfect combination of high intensity, performance, limitless rotation and unparalleled aesthetics.



*The Right Light*

**PHILIPS**  
**burton**

Minor Surgery

# AIM-50<sup>®</sup> & AIM-100<sup>®</sup>

Limitless rotation, class-leading intensity and endless versatility.

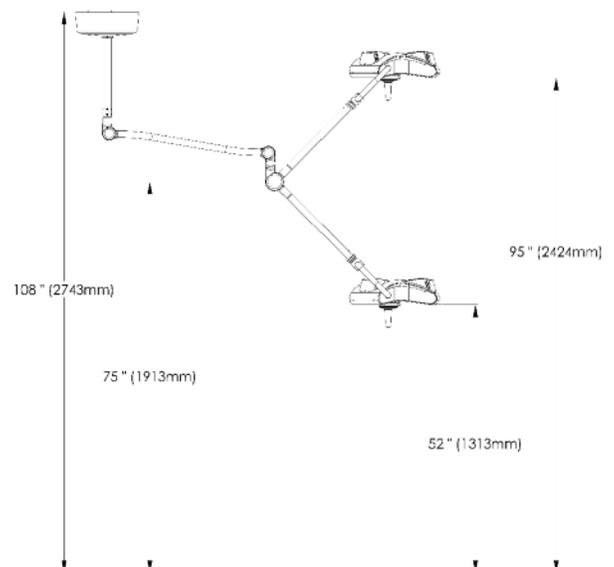
Providing both amazing value and unparalleled aesthetics, Burton's AIM-100<sup>®</sup> and AIM-50<sup>®</sup> also boast limitless rotation on ceiling mounts (a feature previously available only on OR type lights). Along with highest intensity illumination, they deliver very smooth focus and superior maneuverability. A longer arm system ensures that either light can be positioned in the widest range of positions possible, making them ideal for outpatient procedures in a variety of settings and practices including trauma centers, ERs, ambulatory surgery centers, ICUs, physician offices, clinics, plastic surgery, dermatology and ophthalmology.

Designed to meet even the most demanding healthcare facility's specifications for high-intensity, cool operation and low cost.



## Common Features

- 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
- 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



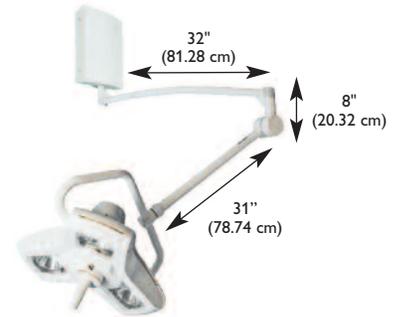
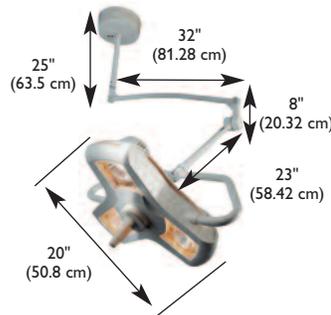
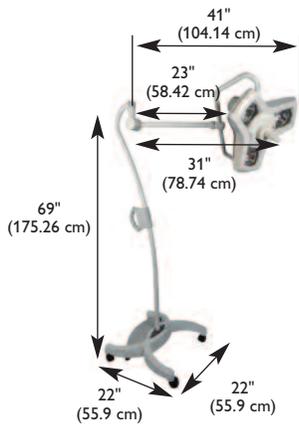


### AIM-50®

- High-intensity of 45,000 (4181 fc) at 1 meter
- 3100 K color temperature offers natural and true coloring
- High CRI (Color Rendering Index) of 96

### AIM-100®

- High-intensity of 63,000 lux (5800 fc) at 1 meter
- 3500 K color temperature offers natural and true coloring
- High CRI (Color Rendering Index) of 97



Sample Model No: A53W = AIM-50®, 230 / 240V, Wall Mount

#### AIM-50® & AIM-100®

A5 = AIM-50®

A10 = AIM-100®

#### Voltage

0 = 120V

3 = 230 / 240V

#### Model

FL = Floorstand

SC = Single Ceiling

DC = Double Ceiling

W = Wall Mount

#### Accessories

#1017111PK

Set of 3 AIM-100® Replacement Bulbs

#6000120K

Set of 3 AIM-50® Replacement Bulbs

#1017040

Sterilizable / Autoclavable Handle

#0008100PK

Disposable Handle Covers, 25/box

## Summary of technical data

|                          | <b>AIM-50®</b>                                 | <b>AIM-100®</b>                                |
|--------------------------|--|--|
| Illuminance:*            | 45,000 lux (4181 fc) at 1 meter                | 63,000 lux (5800 fc) at 1 meter                |
| Color temperature:       | 3100 K   | 3500 K   |
| CRI                      | 96   | 97   |
| Light sources (halogen): | 50 W, 12V, bi-pin                              | 35 W IRC, 12V, bi-pin                          |
| Power:                   | 184 Watts                                      | 133 Watts                                      |
| Total weight:            | 44 lbs. (floorstand), 43 lbs. (single ceiling) | 35 lbs. (floorstand), 34 lbs. (single ceiling) |

## AIM-50® and AIM-100® Common Technical Specs

|  |   |
|--|---|
| Diameter of lighthouse:                          | 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   |
| Number of bulbs:                                 | 3   |
| Rated life of halogen lamp:                      | 2,000   |
| 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 and Wall  |
| Seismic calculations available:                  | Yes   |
| Bulb change mechanism:                           | Changes from top with Phillips screwdriver  |
| AIM-100® and AIM-50® replacement bulbs:          | AIM-100® and AIM-50® replacement bulbs, sterilizable handles and disposable handle covers are available |
| Applications:                                    | Emergency Room, Trauma Center, Cath Lab, Outpatient Surgery<br>Ophthalmology and Clinics                |
| Certifications/Approvals:                        | IEC/UL 60601-1 / IEC 60601-2-41 / IEC/EN 60601-1-2;<br>CAN/CSA C22.2 601-1 M90 certified<br>CE marked   |
| Product warranty:                                | 5-year parts and labor  |
| Origin:  | Assembled in the USA  |

\*The optical data are at nominal values based on measurements done according to the UL/IEC performance standards at 120V

\*\* With extension arm and spring arm extended from center of mount to center of head



Philips Burton  
21100 Lassen Street Chatsworth, CA 91311  
Phone: 818-701-8700 Fax: 818-701-8725  
www.burtonmedical.com

© 2011 Philips Burton. All rights reserved. Product designs protected by copyright.  
We reserve the right to change details of design, materials and finishes.

LIT-0006, Rev. 5