AIM-100™

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

The Right Light
MINOR SURGERY
Burton’s AIM-100™ — limitless rotation and the highest intensity in its class.

Providing both amazing value and unparalleled aesthetics, Burton’s AIM-100™ also boasts limitless rotation on ceiling mounts (a feature previously available only on O.R. type lights). Along with the highest intensity in its class, the AIM-100™ provides very smooth focus and superior maneuverability. A longer arm system ensures that the AIM-100™ can be positioned in the widest range of positions possible.

AIM-100™ FEATURES:

> High intensity of 14,800 fc (160,000 lux) at 24" and 5800 fc (63,000 lux) at 1 meter
> 3700° K color temperature offers natural and true coloring
> Uses three 35-watt quartz halogen bulbs — each rated with a 2,000-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
> High CRI (Color Rendering Index) of 97
> 120 volt standard; 100/240 volt models available
> 5-year warranty
> UL 60601-1/ IEC 60601-2-41 Certified
> Made in the USA

“The [AIM-100™] is so bright that the surgical field is always well visualized...The light is very easy to maneuver into place.”

– David H. Friedman, M.D.,
Northridge Dermatology Associates,
Northridge, CA
Easy Bulb Replacement System: Bulbs are conveniently replaced from the top of the lighthead with the removal of one (1) simple screw. Removal of screw requires standard Phillips screwdriver.

AIM-100™ Floorstand  AIM-100™ Single Ceiling  AIM-100™ Dual Ceiling  AIM-100™ Wall Mount

MODELS

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<th>240V</th>
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<td>AIM-100™ Floorstand</td>
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<td>#A100SC #A103SC</td>
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ACCESSORIES

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<td>#1017040</td>
<td>AIM-100™ Handle Replacement</td>
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<td>#0008100PK</td>
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<td>#6000042</td>
<td>AIM-100™ Dimmer, 120V</td>
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NOTE: Contact Burton for part #’s on 100 volt models

The AIM-100™ ergonomic base design allows for convenient positioning in any office. This base offers an easy-access footswitch and built-in casters with locking mechanism on back casters.
SUMMARY OF TECHNICAL DATA

- **Illuminance:** 14,800 FC (160,000 Lux) at 24" and 5800 fc (63,000 Lux) at 1 meter
- **Color temperature:** 3700° K
- **Diameter of lighthead:** 20" (51 cm)
- **Light field diameter:** 9.6" - 12" (25 cm - 31 cm)
- **Depth of Illumination:** 47" (1.2 m)
- **Focusing:** Adjustable by rotating center handle
- **CRI:** 97
- **Rotation:** 360° (limitless) on single ceiling models
- **Sterilizable handle:** Locks into position with one hand
- **Number of bulbs:** 3
- **Light sources (halogen):** 35 W IRC, 12 volt, hi-pin
- **Rated life of halogen lamp:** 2,000
- **Swivel radius of lamp housing-ceiling mounted:** 71" max.
- **Height movement of lamp housing-ceiling mounted:** 41" vertical movement
- **Minimum ceiling height/maximum ceiling height:** 7 ft./12 ft.
- **Power:** 116 Watts
- **Electrical system standards:** UL 60601
- **Mounting options:** Single Ceiling, Double Ceiling, Floor, and Wall
- **Total weight:** 35 lbs. (floor version), 34 lbs. (single ceiling version)
- **Seismic calculations available:** Yes
- **Bulb change mechanism:** Changes from top with Phillips screwdriver
- **Product warranty:** 5-year parts and labor
- **Applications:** Emergency Room, Trauma Center, Cath Lab, Outpatient Surgery, Ophthalmology and Clinics
- **Accessories:** AIM-100™ replacement bulbs, sterilizable handles, and disposable handle covers are available for purchase
- **Origin:** Manufactured in the USA

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1. The optical data are at nominal values based on measurements done according to the UL/IEC performance standards at 120V.
2. With extension arm and spring arm extended.

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