

**burton**

*Luxo Medical Products*



# AIM-100™

PERFORMANCE RELIABILITY VALUE



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

*The Right Light*

MINOR SURGERY

# AIM-100™

*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

120V	240V	
#A100FL	#A103FL	AIM-100™ Floorstand
#A100SC	#A103SC	AIM-100™ Single, Ceiling Mount
#A100DC	#A103DC	AIM-100™ Dual Ceiling Mount
#A100W	#A103W	AIM-100™ Wall Mount

#### ACCESSORIES

#1017111PK	AIM-100™ Bulbs, 3/box
#1017040	AIM-100™ Handle Replacement
#0008100PK	Light Handle Covers, Sterile, 25/box
#6000042	AIM-100™ Dimmer, 120V

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.

Compare and you will choose  
Burton's AIM-100™

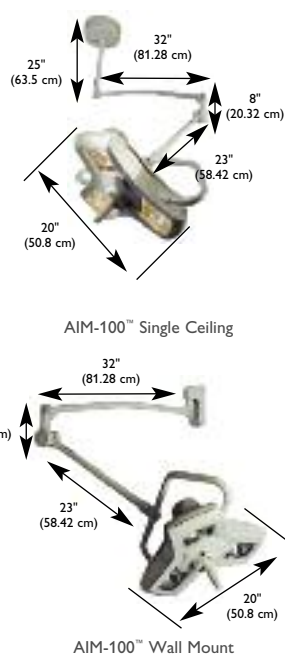
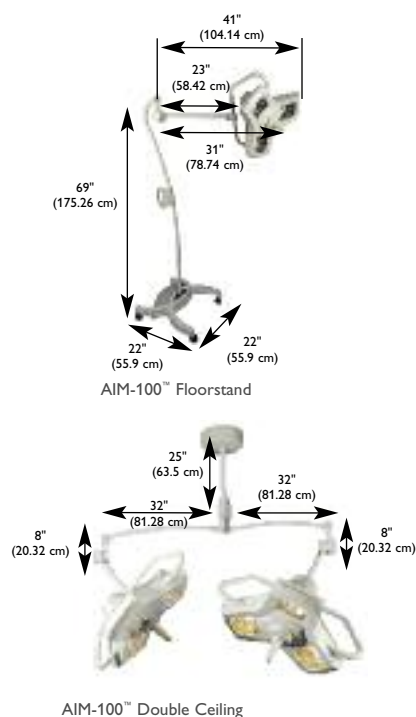


## SUMMARY OF TECHNICAL DATA

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



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