Examination Light

AIM-50®

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

BURTON 5-YEAR WARRANTY

burton®

Examination Light

AIM-50

Limitless rotation, class-leading intensity and endless versatility.

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.

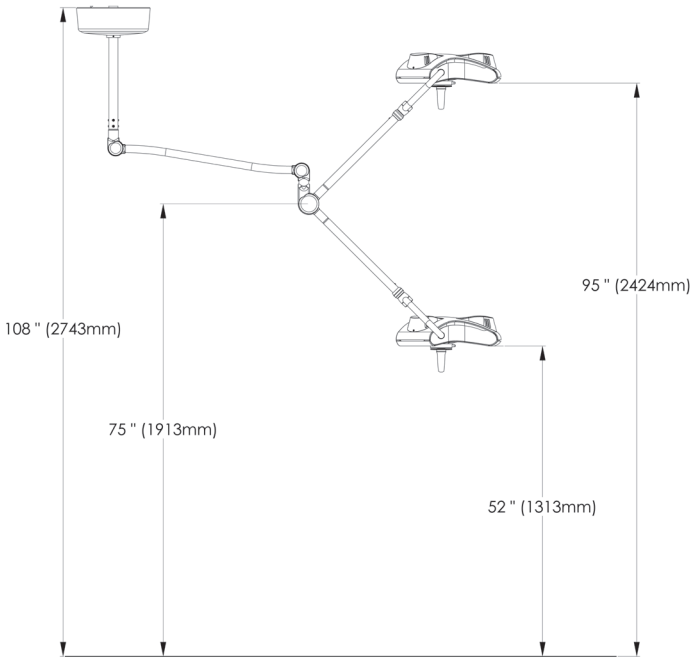
Features

- 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

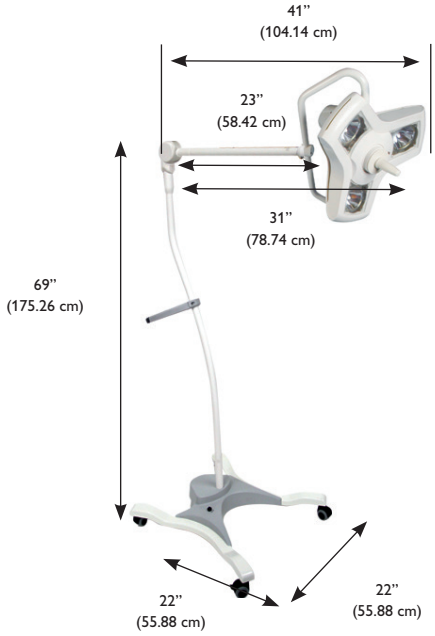
Compact Design
20" (51 cm) diameter lighthead

Sterilizable Center Handle
Extremely smooth focus mechanism

360° limitless rotation



AIM-50 product dimensions



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

120v MODEL	230v MODEL	230v SP MODEL*	240v MODEL	100v MODEL	DESCRIPTION
A50FL	A53FL	A54FL25	A52FL	A51FL	Floorstand
A50SC	A53SC	A54SC25	A52SC	A51SC	Single Ceiling Mount
A50DC	A53DC	A54DC25	A52DC	A51DC	Double Ceiling Mount
A50W	A53W	A54W25	A52W	A51W	Wall Mount

ACCESSORIES

6000120K	Set of 3 AIM-50 Replacement Bulbs
1017084	42" Drop Tube
1017040	Sterilizable / Autoclavable Handle
0008100PK	Disposable Handle Covers, 25/Box

**SP Model refers to Spanish Language Manuals.*

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Burton Medical, LLC
2300 W Windsor Ct., Suite C
Addison, IL 60101 USA
Phone (800) 444-9909, Fax (800) 765-1770
Burtonmedical.com