Examination Light

AIM LED

Philips Burton combined the smart and versatile design of its existing AIM lights with the efficiency and longevity of an LED light source.

PHILIPS burton

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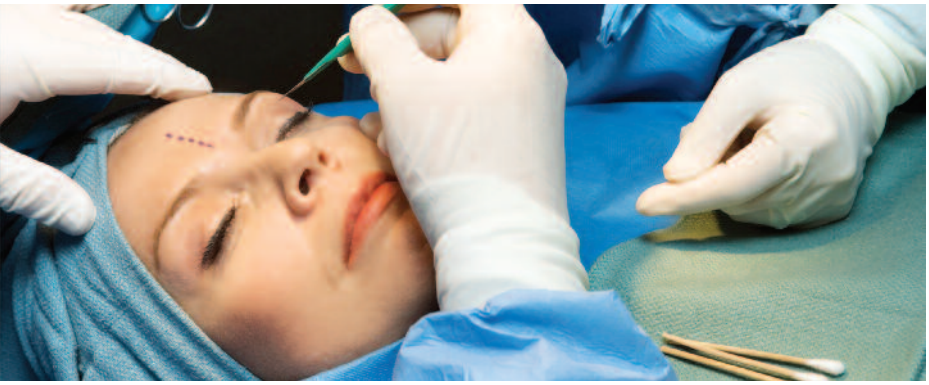
AIM LED

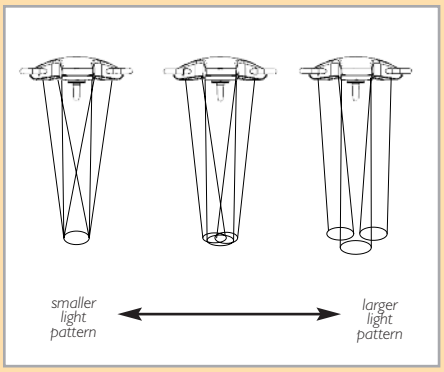
The latest advances in state-of-the-art lighting technology to achieve incredible performance and unsurpassed value and energy efficiency.

Burton's AIM LED – the most exciting revolution in examination lighting. The AIM LED uses the latest advances in state-of-the-art lighting technology to achieve incredible performance and unsurpassed value and energy efficiency. The AIM LED provides 10% more illumination (45,000 lux / 4181 fc at 1 meter) than even the high performing AIM-50®. A 92 CRI rating produces very accurate color visibility, which is important for an accurate diagnosis. With 10 times greater (20,000 hours) lamp life than traditional light source products, you will save more than $1000 in bulb replacements alone. Additionally, the AIM LED uses 70% less energy.



Features

- 45,000 lux (4181 fc) at 1 meter
- 4300 K color temperature
- CRI (Color Rendering Index) of 92
- 3 LED modules with a 20,000-hour life
- Adjustable focus using center handle
- UL60601-1 / IEC 60601-1 / IEC 60601-1-2 / IEC 60601-2-41; CAN/CSA C22.2 601-1 M90 certified
- CE marked
- 5-year limited warranty
- Assembled in USA

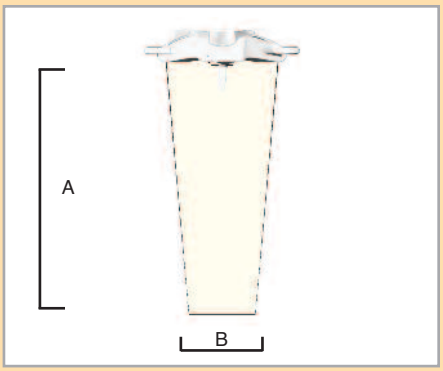


Larger and Adjustable Light Pattern

The multiple reflectors of the AIM 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 LED has a unique Y-Shaped design, which facilitates placement of the lighthead around the physician's head minimizing the obstruction of light into the surgical field.



Depth of Field / Beam Diameter

		cm	in
A	Depth of Field	137	54
B	Beam Diameter D10	33	13

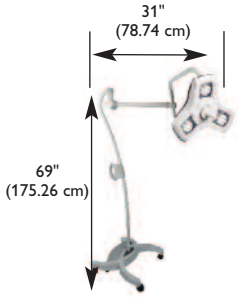
Efficient LED Light Source

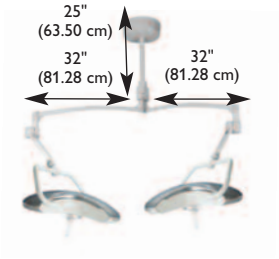
Stand-by On/Off Switch

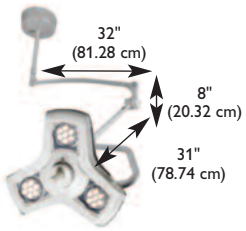
One-hand quick release for removable handle

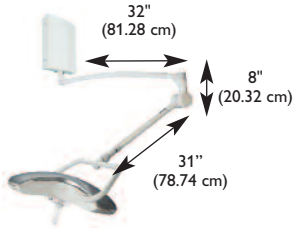
Removable, sterilizable handle to adjust light pattern

- *Provides 10 times the life of halogen light sources*
- *Uses half the power of halogen light sources*









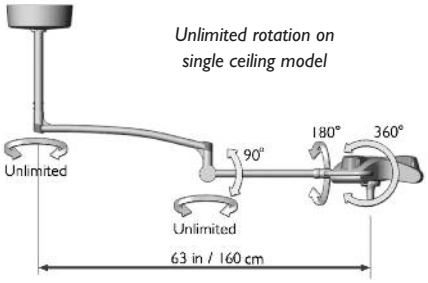
Ordering Information

120V Model	230/240V Model	230/240V SP Model*	100V Model	Description
ALEDFL	ALEDFL03	ALEDFL25	ALEDFL01	Floorstand
ALEDSC	ALEDSC03	ALEDSC25	ALEDSC01	Single Ceiling Mount
ALEDDC	ALEDDC03	ALEDDC25	ALEDDC01	Double Ceiling Mount
ALEDW	ALEDW03	ALEDW25	ALEDW01	Wall Mount
Accessories				
1017040				Sterilizable / Autoclavable Handle
0008100PK				Disposable Handle Covers, 25/Box

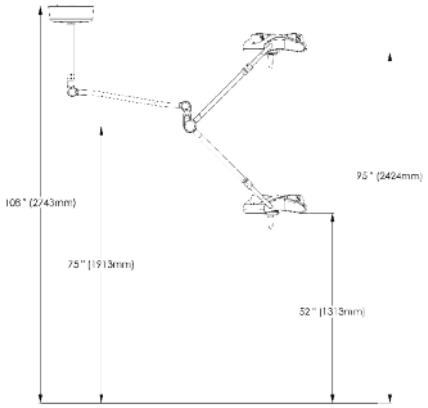
**SP Model refers to Spanish Language Manuals.*

AIM LED range of motion

The AIM LED's 360˚ limitless arm-and-mounting-system-rotation around vertical axes on single ceiling models is a key feature previously available only on more expensive OR lights. The arm system also provides a maximum reach of 63" (160 cm) and diameter of 10' (305 cm), allowing it to illuminate the patient from head to toe with no drift.



Unlimited rotation on single ceiling model



Summary of technical data

Illuminance:	45,000 lux (4181 fc) at 1 meter
Color temperature:	4300 K
CRI (Color Rendering Index):	92
Diameter of lighthead:	20" (51 cm)
Light field diameter:	13" - 15" (33 cm - 38 cm)
Depth of illumination:	54" (137 cm)
Focusing:	Adjustable using center handle
Number of LED modules:	3
Light sources:	Light Emitting Diodes (LED)
Rated life of LED lamp:	20,000 hours
Swivel radius of lamp housing - ceiling mounted:	63" (160 cm) max.
Height movement of lamp housing - ceiling mounted:	41" (104 cm) vertical movement
Minimum ceiling height/maximum ceiling height:	8 ft./12 ft. (244 cm/366 cm)
Power:	84 Watts
Mounting options:	Single ceiling, double ceiling
Total weight:	Floor version 43 lbs. (19.5 kg), single ceiling version 44 lbs. (19.9 kg)
Seismic calculations available:	Yes
Certifications/approvals:	UL60601-1 / IEC 60601-1 / IEC 60601-1-2 / IEC 60601-2-41 CAN/CSA C22.2 601-1 M90 CE marked
Product warranty:	5-year parts and labor
Origin:	Assembled in USA

Note: The optical data are nominal values based on measurements calculated according to UL/IEC performance standards at 120V

LIT-0048 Rev 04 burtonmedical.com

Philips Burton
11500 Melrose Avenue
Franklin Park, IL 60131
Burtonmedical.com

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