

**PHILIPS**  
**burton**

Medical

Lighting Catalog



# Bright ideas in medical lighting

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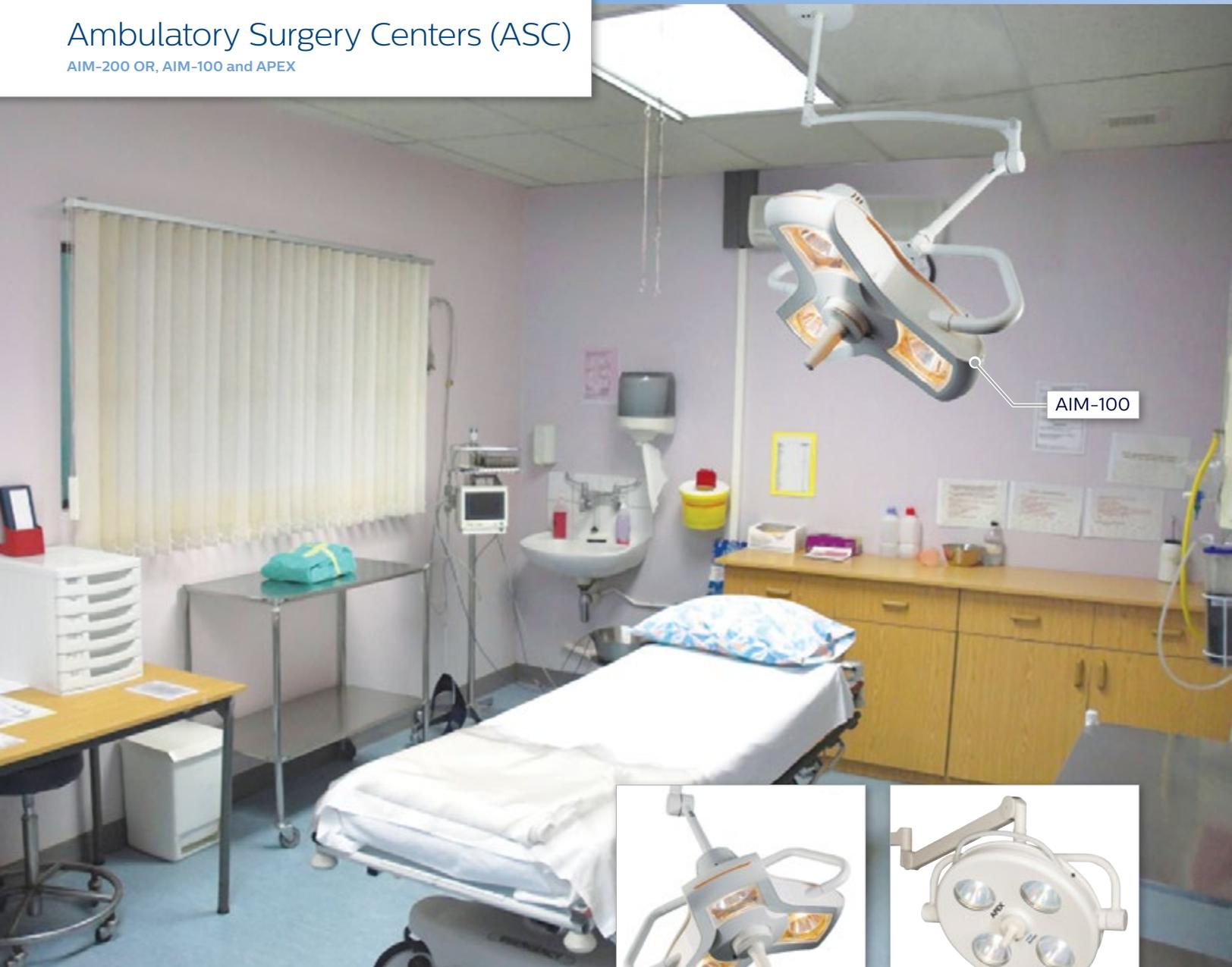
# The right **light**

Whatever your specialty or application, Philips Burton has a light that is ideally suited to your needs.

For our complete lighting solutions guide see page 29.

## Ambulatory Surgery Centers (ASC)

AIM-200 OR, AIM-100 and APEX



AIM-100



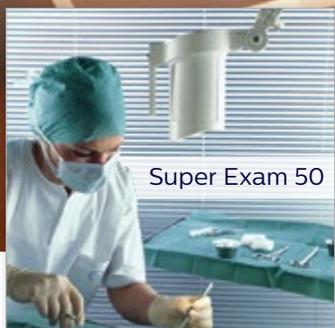
AIM-200 OR



APEX

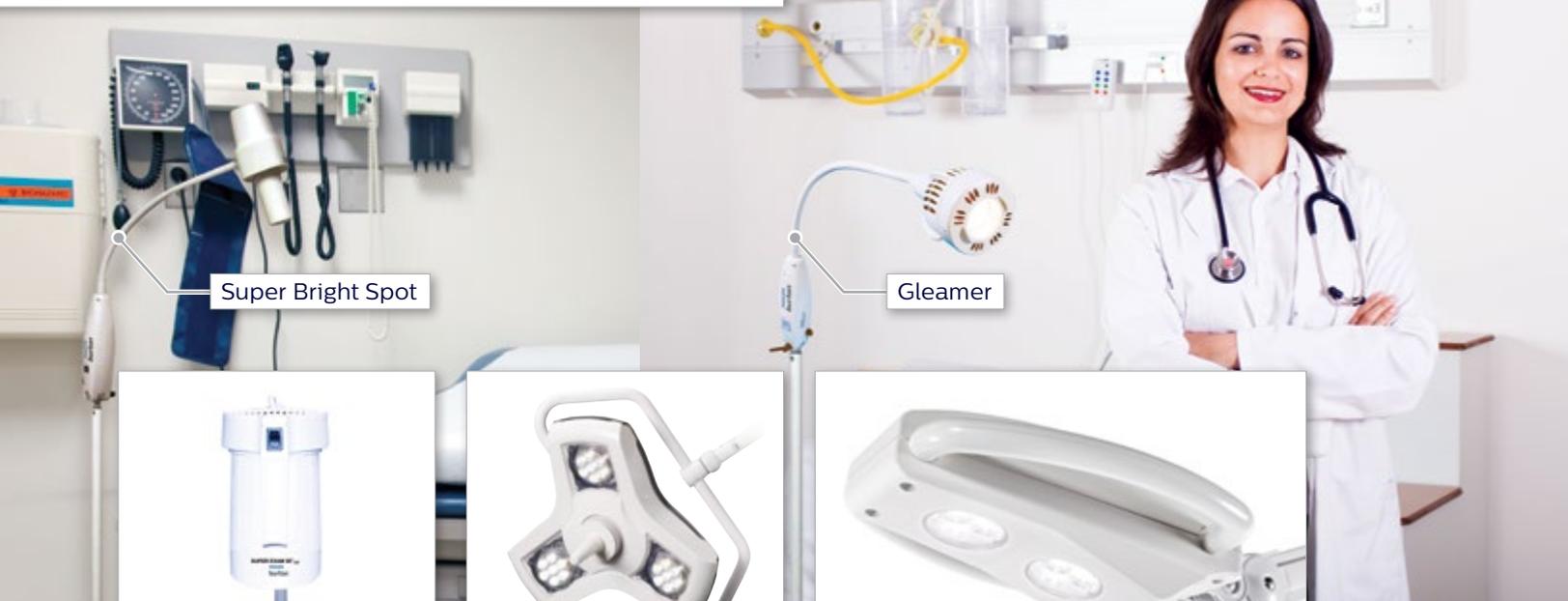
## Emergency Department (ED)

Super Exam 50 and AIM-50



## Primary Care & Examination

Super Bright Spot, Super Exam 50 LED, AIM LED, Gleamer and Nova Exam LED



# Operating Room (OR)

AIM-200 OR and APEX



AIM-200 OR



APEX

APEX

## Veterinary

Outpatient II and Nova Exam LED



Outpatient II



Nova Exam LED

## Extended Care

Light Caress PC, Light Caress XC and Nightguide D



Light Caress PC

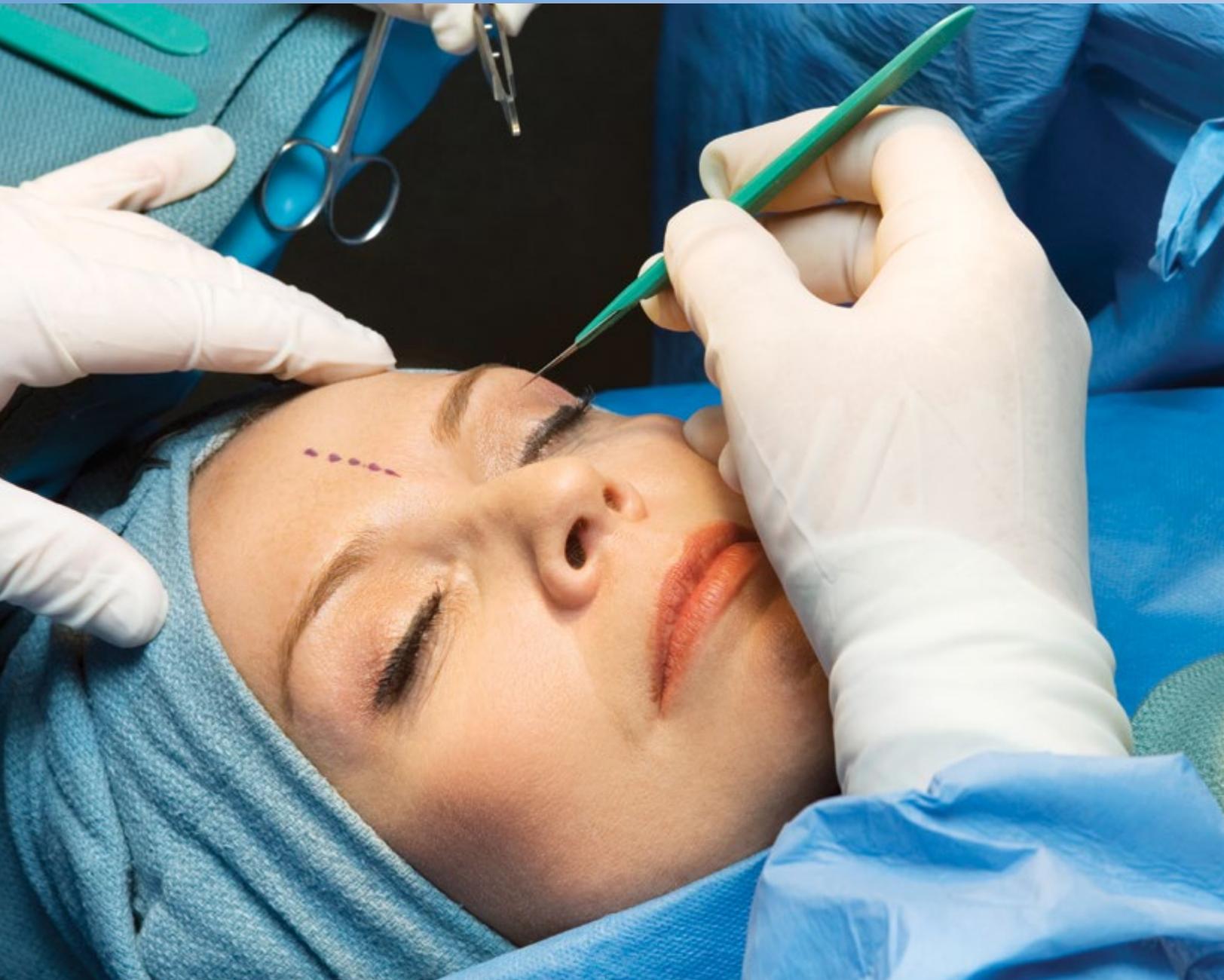


Light Caress XC



Nightguide D

# Examination lights





# Nova Exam LED

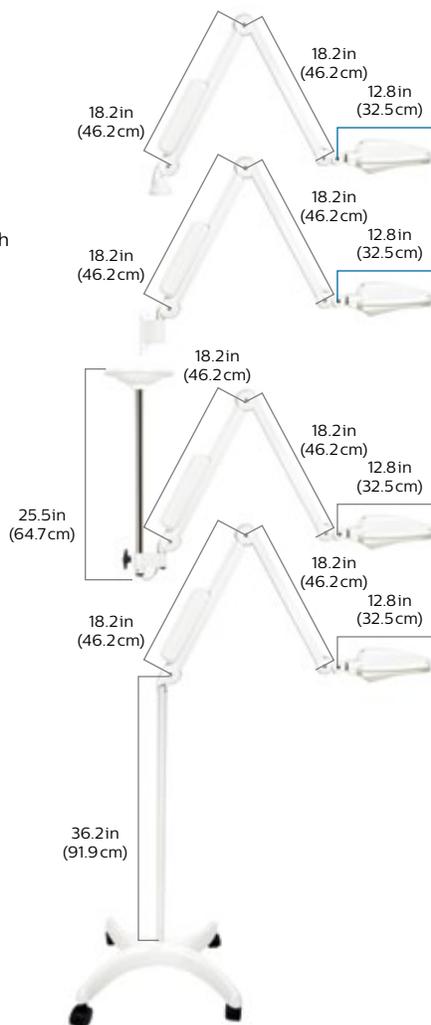
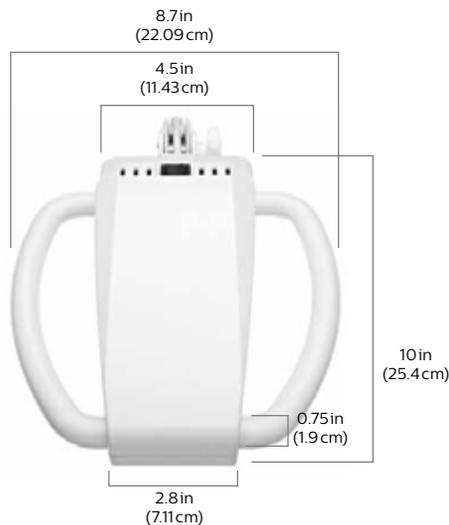
## Examination light

Higher performance and value for the practitioner, enhanced comfort for the patient.

Nova Exam LED meets the demands of today's clinical examination applications. The LED light source produces a cool light that enhances physician/patient comfort while delivering a uniform beam pattern and higher illumination levels. A sleek head design, combined with a patented K-arm, allows quick and reliable positioning while being easy to clean and maintain. The operational benefits include lower power consumption and longer light source life.

### Features

- Illuminance:
  - Low level: 25,000 lux (2323 fc) at 18" (46 cm)
  - High level: 50,000 lux (4645 fc) at 18" (46 cm)
- 4600 K color temperature
- CRI (Color Rendering Index) of 93
- Two LED light modules with a 40,000-hour life each
- Maximum arm reach of 45" (114.3 cm)
- Contemporary aesthetic
- Better value for the practitioner
- Wall, floor, ceiling and table mount configurations
- UL/IEC 60601-1, IEC 60601-1-2, EN/IEC 60601-2-41 and CAN/CSA C22.2 NO. 601.1 M90 certified
- 5-year limited warranty



### Designed for patient comfort and ease of use

- The LED source provides a virtually heat-free light so the patient remains comfortable
- Dual handles are easily accessible to position the light head
- The patented K-arm moves smoothly with no drifting

### Enhanced performance

- Nova Exam LED delivers a uniform beam pattern that aids the examination process
- Dual intensity switching allows a choice between two illumination levels. The low level delivers a 19% increase in light level with only 8W of LED power compared to a 20W halogen option. The high level delivers an 11% increase in light level with only 16W of LED power compared to a 35W halogen option.
- Maximum arm reach of 45" (114.30 cm)
- Available with a variety of mounting options (floorstand, table, wall or ceiling) to fit the application
- Delivers consistent light output during power supply fluctuations

### Lower cost of ownership

- The sleek light head aids routine cleaning
- The LED source offers 10x the operational life of traditional halogen solutions
- 58% energy savings over comparable halogen options (at low light level setting) and 18% savings when providing double the illumination

### Ordering information

120V Model	Grainger Item	Description
NXFL	35FT57	Floorstand
NXT	35FT72	Table mount
NXW	35FT73	Wall mount
NXC	35FT74	Ceiling mount

### Accessories

4000071	Grainger Sourcing only	10' Ceiling drop tube
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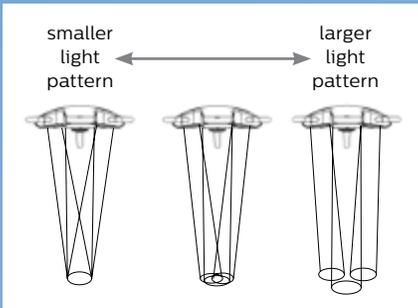


# AIM LED

## Examination light

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's AIM LED – an 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 about 10% more illumination (45,000 lux / 4181 fc at 1 meter) than the Outpatient II. 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 55% less energy.



### 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.



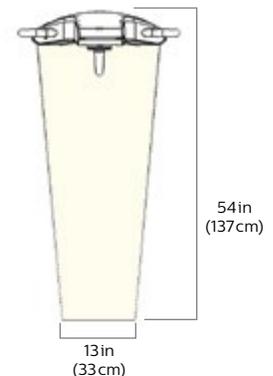
### Light pattern free of cast shadows

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 examination field.

### 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
- UL/IEC 60601-1, IEC 60601-1-2, EN/IEC 60601-2-41 and CAN/CSA C22.2 NO. 601.1 M90 certified
- CE marked
- 5-year limited warranty
- Assembled in USA

### Depth of field / beam diameter



### Ordering information

120V Model	Grainger Item	Description
ALEDFL	35FT58	Floorstand
ALEDSC	35FT75	Single ceiling mount
ALEDDC	35FT76	Double ceiling mount
ALEDW	35FT77	Wall mount

### Accessories

1017040	35FV45	Sterilizable / autoclavable handle
0008100PK	35FV47	Disposable handle covers, 25/box
1017084	35FV46	42" drop tube



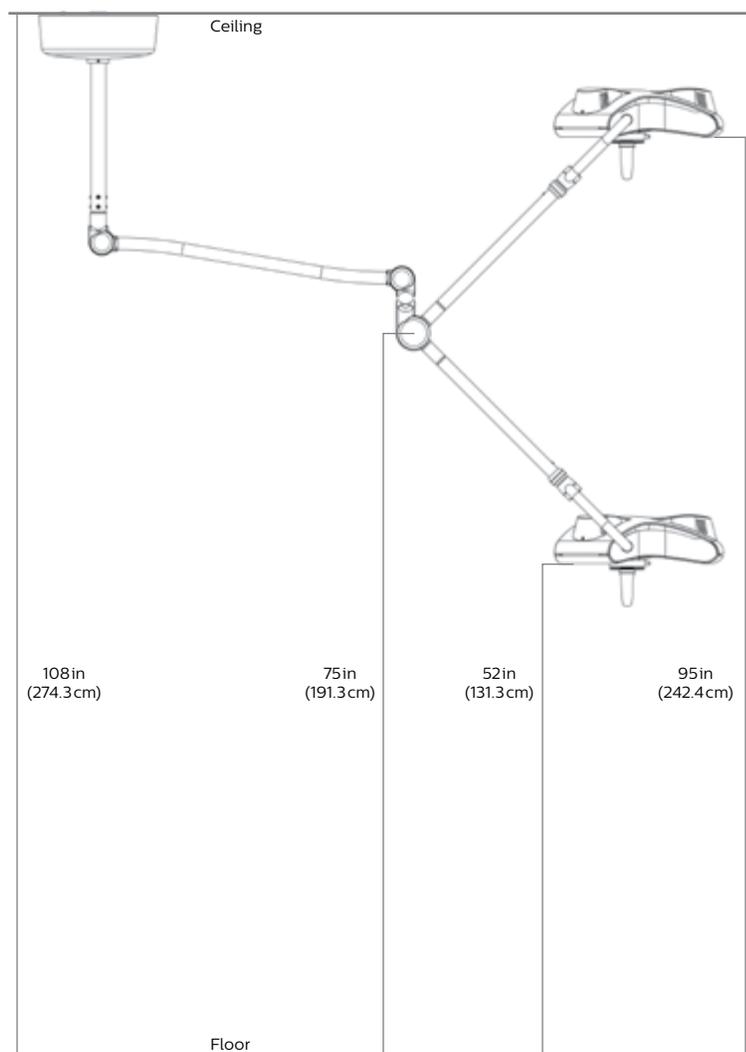
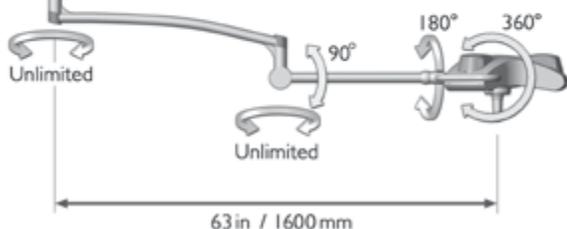
# AIM LED Examination light



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

### Unlimited rotation on single ceiling model

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





## AIM-50 Examination light

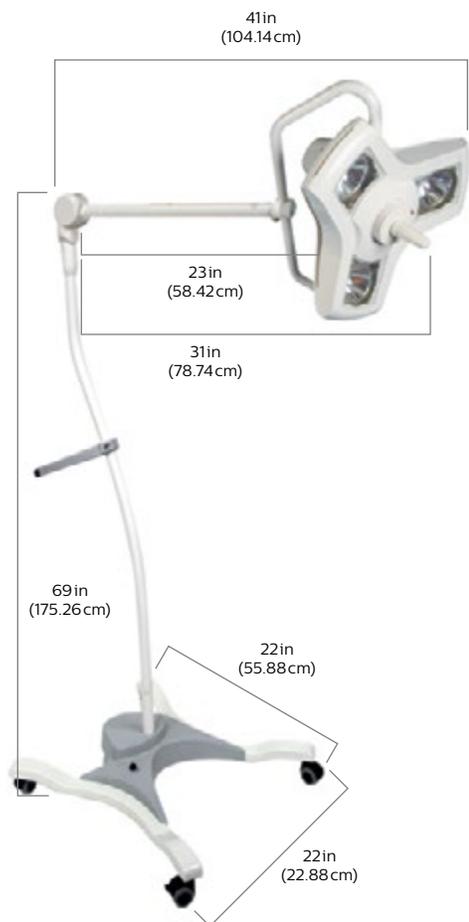
Designed to meet even the most demanding healthcare facility's specifications for high-intensity, cool operation and low cost.

Limitless rotation, class-leading intensity and endless versatility.

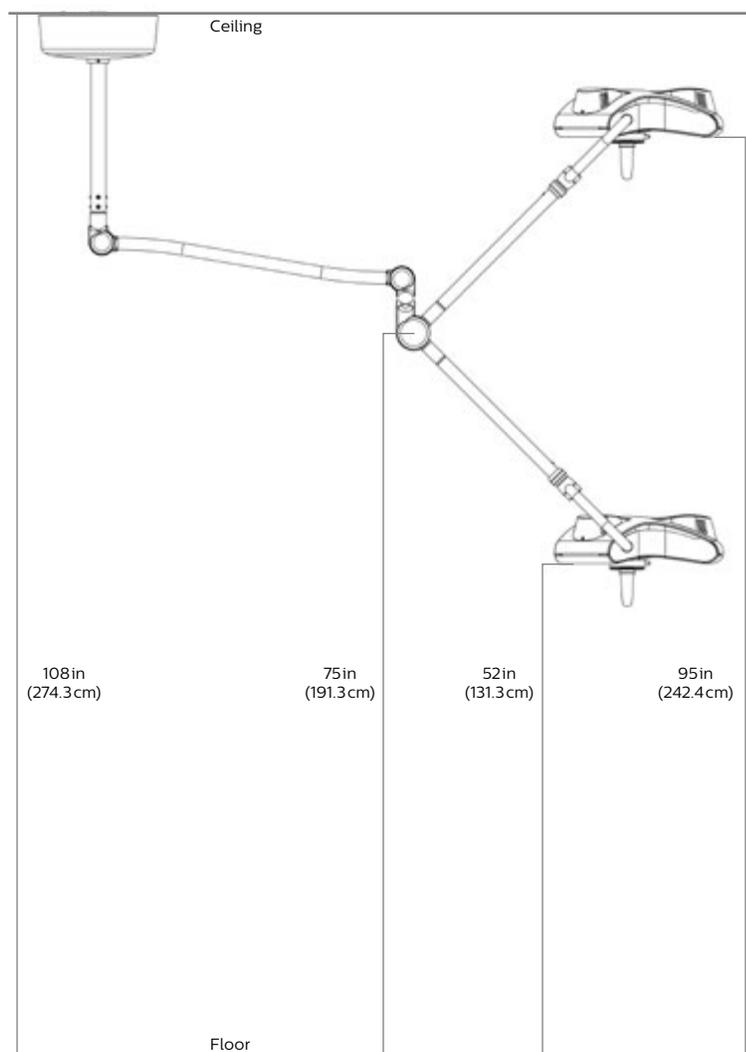
Providing both amazing value and unparalleled aesthetics, Philips Burton's AIM-50 also boasts limitless rotation on ceiling mounts (a feature previously available only on OR type lights). Along with highest intensity illumination, AIM-50 delivers very smooth focus and superior maneuverability. A longer arm system ensures that either light 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" (51cm) 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
- UL/IEC 60601-1, IEC 60601-1-2, EN/IEC 60601-2-41 and CAN/CSA C22.2 NO. 601.1 M90 certified
- CE marked
- 5-year limited warranty
- Assembled in USA



AIM-100 model shown to illustrate floorstand, single ceiling mount and wall mount configurations.



### Ordering information

120V Model	Grainger Item	Description
A50FL	35FT59	Floorstand
A50SC	35FT78	Single ceiling mount
A50DC	35FT79	Double ceiling mount
A50W	35FT80	Wall mount

### Accessories

6000120K	35FT81	Set of 3 AIM-50 replacement bulbs
1017040	35FV45	Sterilizable / autoclavable handle
0008100PK	35FV47	Disposable handle covers, 25/box
1017084	35FV46	42" drop tube



# Super Exam 50 LED

## Examination light

Natural white light, best-in-class intensity, energy savings and longevity – all on a highly-positionable K-arm.

Higher illumination in a precisely controlled beam is just the beginning. Delivering value through longer life, lower energy consumption and versatility is where the Super Exam 50 LED really shines. The LED technology in this highly engineered optical system delivers the precisely controlled natural white light that is so important for an accurate examination whether your practice is obstetrics, gynecology, dermatology or emergency medicine.

### Features

- High-intensity of 39,000 lux (3623 fc) at 24" (61cm)
- 4000 K color temperature
- CRI (Color Rendering Index) of 92
- Natural white light
- LED light module with 40,000-hour life
- Universal input voltage
- Drift-free K-arm with 42" (107cm) arm range
- Rail mount bracket that can be attached to a bed rail or wall rail
- UL/IEC 60601-1, IEC 60601-1-2, EN/IEC 60601-2-41 and CAN/CSA C22.2 NO. 601.1 M90 certified
- CE marked
- 5-year limited warranty

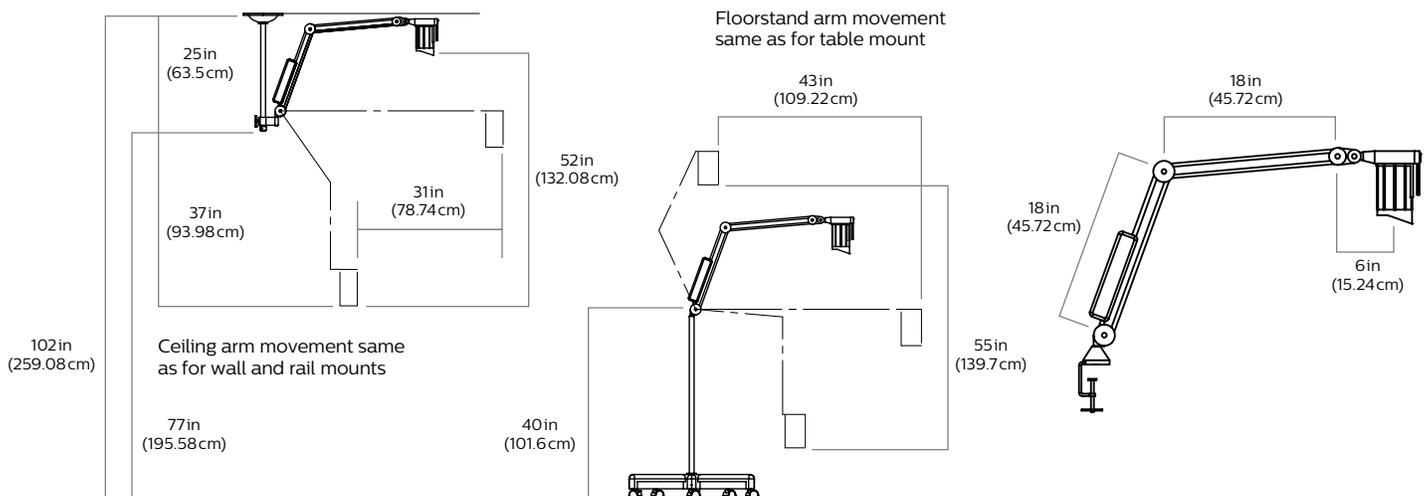
### Ordering information

120V Model	Grainger Item	Description
SE50LFL	35FT60	Floorstand
SE50LR	35FT83	Rail, DIN 25
SE50LR1	Grainger Sourcing Only	Rail, Fairfield
SE50LSC	35FT84	Single ceiling mount
SE50LT	35FT85	Table mount
SE50LW	35FT82	Wall mount

### Accessories

4000071	Grainger Sourcing Only	10' ceiling drop tube
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### Super Exam 50 LED / Super Exam 50 range of motion and general dimensions



# Super Exam 50

## Examination light



Best-in-class intensity, color temperature and CRI on a highly-positionable K-arm.

Delivering higher illumination in a limited area, Super Exam 50 is ideal for obstetrics, gynecology and emergency rooms. Super Exam 50 uses halogen technology for maximum light output and color rendering. A dual lens optical system collects and concentrates the light in a precise beam.

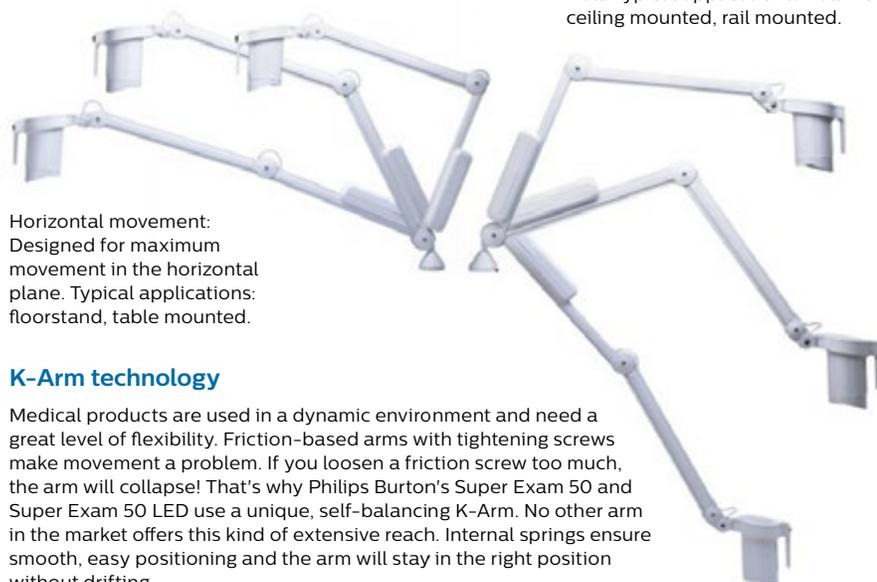
### Features

- High-intensity of 45,750 lux (4250 fc) at 24" (61cm)
- 3800 K color temperature
- CRI (Color Rendering Index) of 99
- Drift-free K-arm with 42" (107cm) arm range
- 50W MR-16 bulb with 4000-hour life
- UL/IEC 60601-1, IEC 60601-1-2, EN/IEC 60601-2-41 and CAN/CSA C22.2 NO. 601.1 M90 certified
- CE marked
- 5-year limited warranty

Unique dual lens technology produces greater light intensity than competitive models



Vertical movement: More vertical movement than arms found on large operating lights. The arm will always tilt forward to avoid collisions with the wall. Typical applications: wall mounted, ceiling mounted, rail mounted.



Horizontal movement: Designed for maximum movement in the horizontal plane. Typical applications: floorstand, table mounted.

### K-Arm technology

Medical products are used in a dynamic environment and need a great level of flexibility. Friction-based arms with tightening screws make movement a problem. If you loosen a friction screw too much, the arm will collapse! That's why Philips Burton's Super Exam 50 and Super Exam 50 LED use a unique, self-balancing K-Arm. No other arm in the market offers this kind of extensive reach. Internal springs ensure smooth, easy positioning and the arm will stay in the right position without drifting.

### Ordering information

120V Model	Grainger Item	Description
SE50FL	35FT61	Floorstand
SE50R	35FT87	Rail, DIN 25
SE50R1	Grainger Sourcing Only	Rail, Fairfield
SE50SC	35FT88	Single ceiling mount
SE50T	35FT89	Table mount
SE50W	35FT86	Wall mount

### Accessories

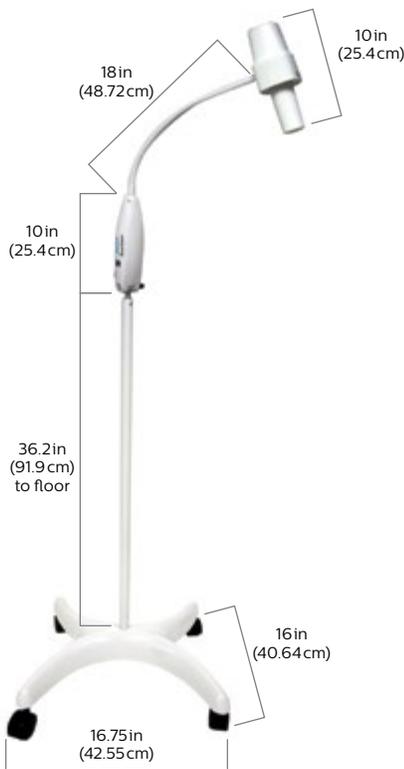
4000061PK	Grainger Sourcing Only	MR-16 replacement bulbs, 3/box
4000071	Grainger Sourcing Only	10' ceiling drop tube



# Super Bright Spot Examination light

Pre-focused spot available for OB/GYNs, urologists, family practitioners, hospitals, clinics and LDRs!

Using a 20-watt halogen bulb and a special optics system, Philips Burton's Super Bright Spot is virtually heat-free. Plus, the Super Bright Spot is superior to fiber optic units in value, durable operation, large 4" - 5" (10 cm -13 cm) spot size and a long 2000-hour bulb life. Due to its proven reliability, Philips Burton offers an extraordinary five-year warranty on the Super Bright Spot. The Super Bright Spot is available with a sturdy, sag-resistant gooseneck and a floorstand or a universal wall mounting system for tighter spaces. The floor model's compact caster base provides exceptional utility and reliability.



## Features

- 56,000 lux (5185 fc) at 18" (46cm)
- 3400 K color temperature (natural coloring)
- CRI (Color Rendering Index) of 98
- 20-watt halogen bulb with 2000-hour average bulb life
- 4" - 5" (10 cm -13cm) spot size (much larger than fiber optic lights)
- High-quality, space-saving 4-caster base system – safe and flexible portable movement with locking feature in 2 of 4 casters
- Dichroic reflector filters out infrared to keep the beam cool
- 120V model standard; 230 / 240V models available
- UL/IEC 60601-1, IEC 60601-1-2, EN/IEC 60601-2-41 and CAN/CSA C22.2 NO. 601.1 M90 certified
- CE marked
- 5-year limited warranty
- Assembled in USA

Note: The optical data are nominal values based on measurements done according to the UL/IEC Performance standard at 120V at 18".

## Ordering information

120V Model	Grainger Item	Description
SB40FL	35FT62	Floorstand
SB40W	35FT90	Wall mount

## Accessories

0007000PK	35FT91	Super Bright Spot replacement bulbs, 4/box
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# Gleamer

## Examination light



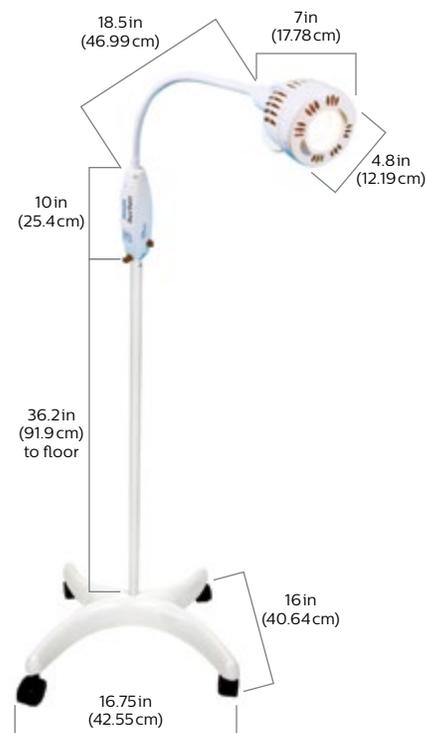
Philips Burton's versatile, compact halogen light.

If your facility is searching for an all-purpose, rugged, compact halogen light, Philips Burton's Gleamer is your solution. The Gleamer was designed to meet healthcare facilities' most demanding specifications for high-intensity, cool operation, compact design, and value. Offering 45,000 lux (4181 fc), a sturdy gooseneck, plus optional 16" (41cm) extension arm, and superior quality components, the Gleamer provides high-intensity, maximum flexibility and extraordinary reliability. The Gleamer also features a unique venting system, energy-absorbing infrared exchanger and reflector coatings, which filter out infrared for a nearly heat-free beam in a cool, yet compact housing.

### Features

- 45,000 lux (4181 fc) at 18" (46 cm)
- 3200 K color temperature (natural coloring)
- CRI (Color Rendering Index) of 91
- 35-watt halogen bulb; 2000-hour life; easy bulb replacement
- Cool housing temperature and cool light beam; light can be in continuous use for hours without causing discomfort to physician or patient
- Convenient positioning with ergonomic positioning ridges
- High-quality, space-saving 4-caster base – safe and flexible portable movement with locking feature in 2 of 4 casters
- 120V model standard; 230 / 240V model available
- UL/IEC 60601-1, IEC 60601-1-2, EN/IEC 60601-2-41 and CAN/CSA C22.2 NO. 601.1 M90 certified
- CE marked
- 5-year limited warranty
- Assembled in USA

Note: The optical data are nominal values based on measurements done according to the UL/IEC Performance standard at 120V at 18".



### Gleamer Ordering information

120V Model	Grainger Item	Description
GL30FL	35FT63	Floorstand
GL30W	35FT92	Wall mount

### Accessories

0009600PK	35FV40	Gleamer replacement bulbs, 4/box
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### Gleamer Wide Beam Spot ordering info

120V Model	Grainger Item	Description
GLW30FL	35FT64	Floorstand
GLW30W	35FT93	Wall mount

### Accessories

0009608PK	35FT94	Gleamer Wide Beam Spot replacement bulbs, 4/box
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# Outpatient LED Examination light



## Designed for patient comfort and ease of use

- The LED source provides a virtually heat-free light so the patient remains comfortable.
- A knob can be turned to adjust friction on the self-balancing arm to desired position without the use of a tool.
- LED modules are wired in parallel to ensure continuous operation.
- LED modules are arranged to ensure shadow-free operation.
- Floorstand units include footswitch, locking casters and cord wrap.

## Enhanced performance

- Outpatient LED Exam Light outperforms our current industry-leading halogen luminaires by offering an improved light output to 90,000 lux (8361 fc) at 24" (61cm). An increase of 4,000 lux.
- The CRI (Color Rendering Index) has been increased to 95.
- The light delivers consistent output during incoming power fluctuations.
- Available with a variety of mounting options (floorstand, wall, ceiling or Fastrac) which all meet California Seismic Codes.

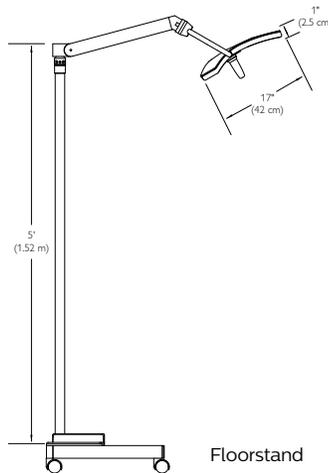
## Lower cost of ownership

- The LED source offers 10x (or 20,000 hours average) the operational life of traditional halogen solutions.
- The light provides a 60% energy savings over current halogen option.
- The smooth light head aids routine cleaning.

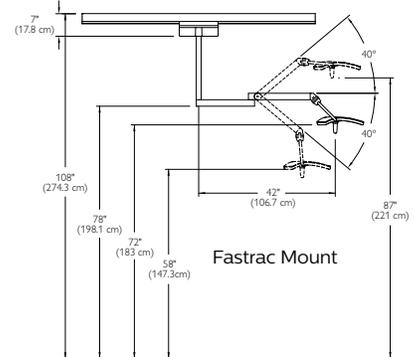
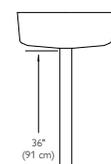
Sleeker profile, two and a half times more efficient than the halogen version.

The next generation of examination lighting has arrived. This light is the perfect low-maintenance, top-performing light for most examination applications in the hospital, physician's office, surgery center and veterinary field.

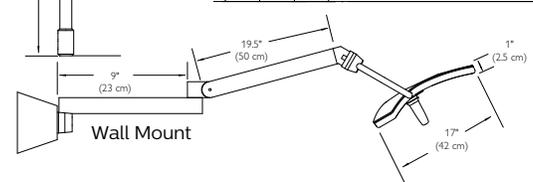
## The next generation of exam lighting



Ceiling Mount



Fastrac Mount



Floorstand

Wall Mount

## Summary of technical data

Illuminance	90,000 lux (8361 fc) at 24" (61cm)
Color Temperature	3300 K
Color Rendering Index	95 CRI
Light Source	Light Emitting Diode (LED)
Rated Life of LED	20,000 hours average LED life
Power	38 Watts
Power Supply	Integral electronic driver
Mounting Options	Floorstand, Wall, Ceiling or Fastrac
Maximum Arm Reach	37.5" (95.25 cm)
Certifications and Approvals	UL/IEC 60601-1, IEC 60601-1-2, EN/IEC 60601-2-41 and CAN/CSA C22.2 NO. 601.1 M90 certified
Product Warranty	5-year warranty

## Ordering information

120V Model	Grainger Item	Description
OPLEDFL	35FT65	Floorstand
OPLEDSC	35FT95	Single ceiling mount
OPLEDDC	35FT96	Double ceiling mount
OPLEDW	35FT97	Wall mount

# Outpatient II

## Examination light



The perfect blend of minimal heat output and high color temperature, low-maintenance and top performance.

The Outpatient II is the documented industry leader for examination lights. More physicians choose the Outpatient II than any other light for focusable flood-type light, maximum intensity and shadow-free operation. With minimal heat output and high color temperature, the Outpatient II is the perfect low-maintenance, top performing light for nearly every application in the hospital or physician's office.

### Features

- 86,000 lux (7990 fc) at 24" (61cm)
- 3300 K color temperature
- CRI (Color Rendering Index) of 94
- Focuses with central removable, autoclavable SteriHandle
- Friction knob allows user to adjust friction on the self-balancing arm positioning to desired tension without a tool
- Cool operation ensured with heat filters and dichroic coatings
- Shadow-free operation provided by three 50-watt halogen bulbs, each with 2000-hour average bulb life
- Bulbs are wired in parallel to ensure continuous operation
- Design allows removal or replacement of SteriHandle with one hand (for ensuring sterile procedures)
- Floorstand units include footswitch, locking casters and cord wrap
- Mounting systems meet California Seismic Codes
- 120V model standard; 230 / 240V models also available
- UL/IEC 60601-1, IEC 60601-1-2, EN/IEC 60601-2-41 and CAN/CSA C22.2 NO. 601.1 M90 certified
- 5-year limited warranty
- Assembled in USA

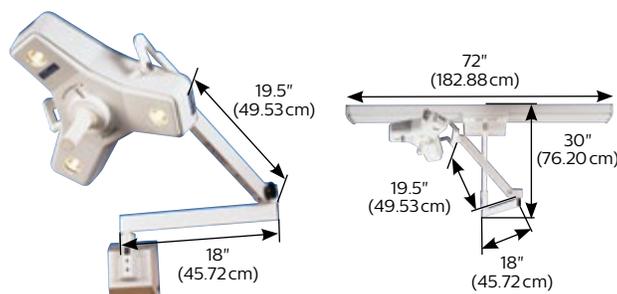


### Ordering information

120V Model	Grainger Item	Description
OP216FL	35FT66	Floorstand
OP216SC	35FV01	Single ceiling mount
OP216DC	35FV02	Double ceiling mount
OP216W	35FV03	Wall mount
OP216ST	35FV04	Single Fastrac mount
OP216DT	35FV05	Double Fastrac mount

### Accessories

0006130PK	35FV06	Outpatient II replacement bulbs, 3/box
1008465	35FV07	Outpatient II handle replacement
0008100PK	35FV47	Light handle covers, sterile, 25/box
1008259	35FV43	42" drop tube
1008060	35FV44	Special length, max. 58" drop tube





# CoolSpot II

## Examination light

The advanced healthcare lighting solution that fits both your space and your budget.

The aesthetically appealing CoolSpot II offers incredibly pure, white light along with a guaranteed no-drift arm, high-intensity setting and variable spot size control. The CoolSpot II offers intensity of up to 60,000 lux (5574 fc) at 1 meter. The CoolSpot II examination light is the spotlight of choice.

### Features

- Up to 60,000 lux (5574 fc) at 1 meter
- 4300 K color temperature
- CRI (Color Rendering Index) of 94
- Bi-level dimmer for variable intensity
- Variable spot size of 2" - 10" (5 cm - 25 cm)
- New, improved and easy to clean housing design with convenient SteriHandle for positioning
- Removable, autoclavable center SteriHandle design allows removal or replacement of SteriHandle with one hand (for ensuring sterile procedures)
- 150-watt halogen bulb provides 600-hour average bulb life on standard setting
- Friction knob allows user to adjust friction on the self-balancing arm positioning to desired tension without a tool
- Mounting systems meet California Seismic Codes
- 120V model standard; 230 / 240V models also available
- UL/IEC 60601-1, IEC 60601-1-2, EN/IEC 60601-2-41 and CAN/CSA C22.2 NO. 601.1 M90 certified
- 5-year limited warranty
- Assembled in USA

### Ordering information

120V Model	Grainger Item	Description
CS316FL	35FT67	Floorstand
CS316SC	35FV08	Single ceiling mount
CS316DC	35FV09	Double ceiling mount
CS316W	35FV10	Wall mount
CS316ST	35FV11	Single Fastrac mount
CS316DT	35FV12	Double Fastrac mount

### Accessories

0007006PK	35FV13	CoolSpot II replacement bulbs, 3/box
1008466B	35FV14	CoolSpot II handle replacement
0008100PK	35FV47	Light handle covers, sterile, 25/box
1008259	35FV43	42" drop tube
1008060	35FV44	Special length, max. 58" drop tube



# Outpatient II / CoolSpot II Examination light

## Combination models



### Ordering information

120V Model	Grainger Item	Description
OC516CC	35FV15	Combo, ceiling mount
OC516CT	35FV16	Combo, Fastrac mount

### Accessories

0006130PK	35FV06	Outpatient II replacement bulbs, 3/box
1008465	35FV07	Outpatient II handle replacement
0007006PK	35FV13	CoolSpot II replacement bulbs, 3/box
1008466B	35FV14	CoolSpot II handle replacement
0008100PK	35FV47	Light handle covers, sterile, 25/box
1008259	35FV43	42" drop tube
1008060	35FV44	Special length, max. 58" drop tube

Note 1:  
 Standard dimensions in inches (centimeters) shown. All ceiling mounts shown on standard 9' (2.74m) ceilings.

Note 2:  
 Standard 30" (76 cm) drop tube is generally acceptable for 9' (2.74m) ceilings. Drop tube can be cut on site if needed. Special lengths can be ordered and are subject to additional charges.

Note 3:  
 The optical data are nominal values based on measurements done according to the UL/IEC performance standards at 120V at 24"

# Surgical lights





# AIM-100

## Surgical light

Medical Lighting

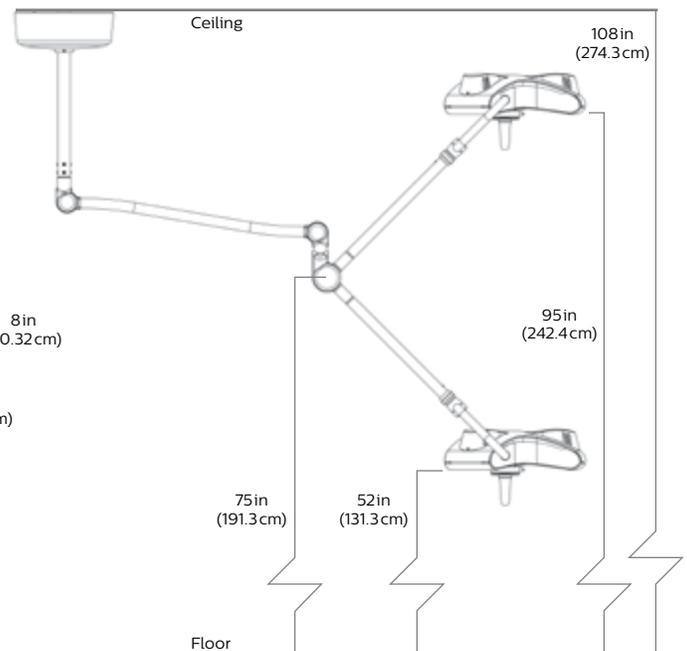
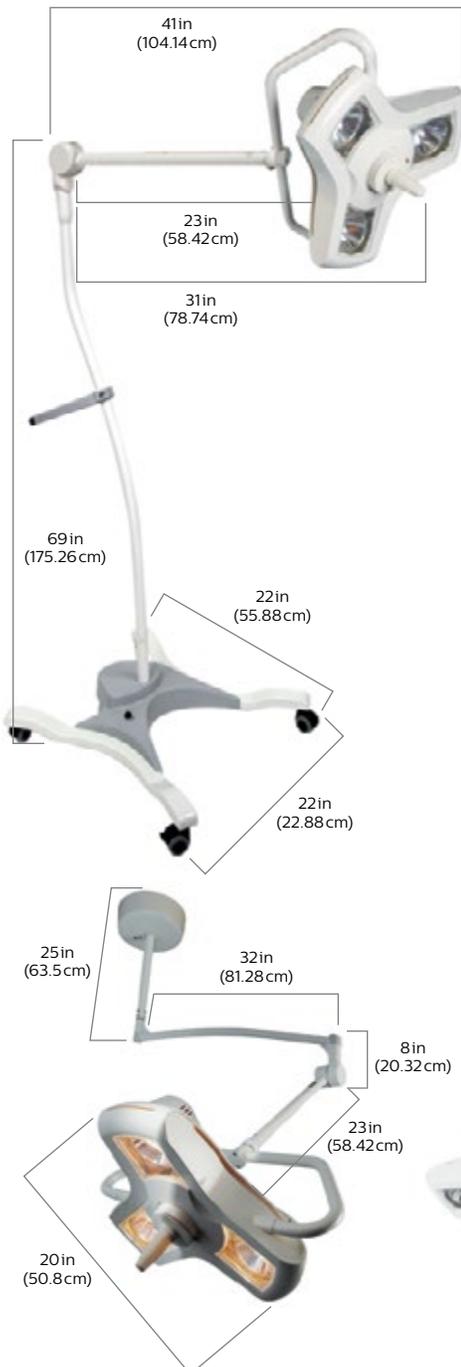
Surgical lights

Limitless rotation, class-leading intensity and endless versatility.

Providing both amazing value and unparalleled aesthetics, Philips Burton's AIM-100 also boasts limitless rotation on ceiling mounts (a feature previously available only on OR type lights). Along with highest intensity illumination, AIM-100 delivers 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 it ideal for examination applications.

### Features

- High-intensity of 63,000 lux (5852 fc) at 1 meter (per lighthead on double ceiling model)
- 3500 K color temperature offers natural and true coloring
- High CRI (Color Rendering Index) of 97
- Uses three quartz halogen bulbs (per lighthead on double ceiling model) – each rated with a 2000-hour bulb life; bulbs wired in parallel for continuous operation
- Compact 20" (51cm) dia. 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
- UL/IEC 60601-1, IEC 60601-1-2, EN/IEC 60601-2-41 and CAN/CSA C22.2 NO. 601.1 M90 certified
- CE marked
- 5-year limited warranty
- Assembled in USA



# AIM-100 Double Ceiling Surgical light



Limitless rotation, class-leading intensity and endless versatility.

Philips Burton's AIM-100 Double Ceiling provides both amazing value and unparalleled aesthetics. Along with the highest intensity illumination, you can also expect a smooth focus and superior maneuverability. A longer arm system ensures that the light can be positioned in the widest range of positions possible, making the AIM-100 Double Ceiling ideal for surgery.



## Ordering information

120V Model	Grainger Item	Description
A100FL	35FT68	Floorstand
A100SC	35FV17	Single ceiling mount
A100DC	35FV18	Double ceiling mount
A100W	35FV19	Wall mount

## Accessories

1017111PK	35FV24	Set of 3 AIM-100 replacement bulbs
1017040	35FV45	Sterilizable / autoclavable handle
0008100PK	35FV47	Disposable handle covers, 25/box
1017084	35FV46	42" drop tube



# AIM-200 OR

## Surgical light

The right light for surgical procedures.

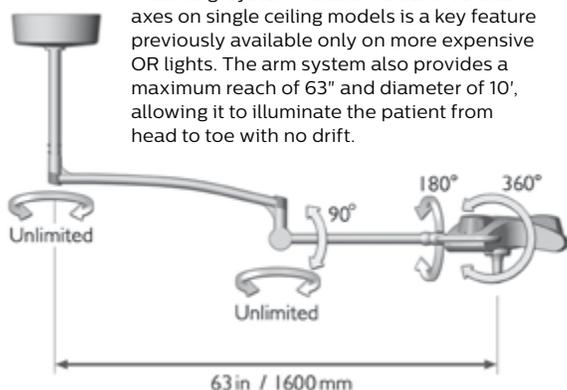
Philips Burton's new AIM-200 OR provides versatility, amazing illumination, unparalleled aesthetics and many more features that make it the right light for any procedure. Delivering true rendition of colors, this light is ideal for long hours of use with three cool 35-watt IRC halogen bulbs – each rated with a 1400-hour average bulb life. The AIM-200 OR is the first Operating Room light that has floor, wall, single- and double-ceiling mounts available. With its 360° limitless arm-and-mounting-system-rotation around the vertical axes on the single ceiling models, the AIM-200 OR is the most versatile and practical light for the Operating Room environment.

### Features

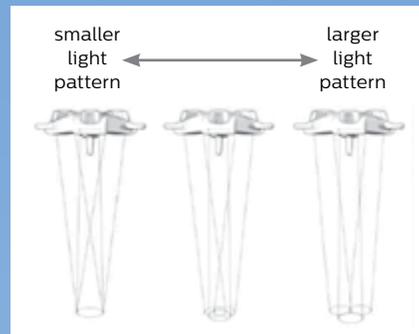
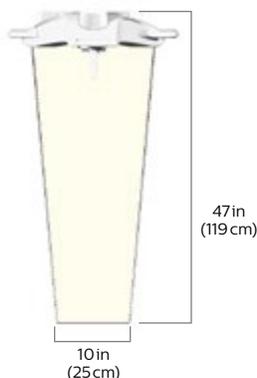
- 90,000 lux (8361 fc) at 1 meter
- 3700 K color temperature
- CRI (Color Rendering Index) of 96
- Larger and adjustable light pattern
- Unlimited rotation and maximum reach of 63" (160cm)
- Light field diameter: 10" - 12" (25 cm - 30 cm)
- Depth of illumination: 47" (119cm)
- Adjustable focusing by rotating center handle
- UL/IEC 60601-1, IEC 60601-1-2, EN/IEC 60601-2-41 and CAN/CSA C22.2 NO. 601.1 M90 certified
- CE marked
- 5-year limited warranty
- Assembled in USA

### Unlimited rotation and maximum reach

The AIM-200 OR'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" and diameter of 10', allowing it to illuminate the patient from head to toe with no drift.



### Depth of field / beam diameter



### Larger and adjustable light pattern

The multiple reflectors of the AIM-200 OR 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

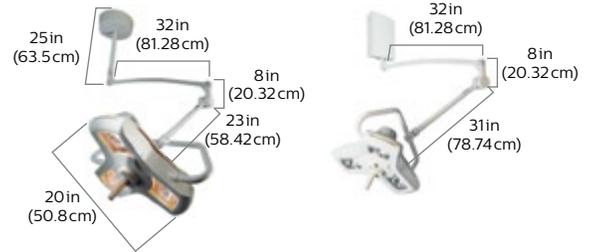
The AIM-200 OR has a unique Y-Shaped design, which facilitates placement of the lighthead around the physician's head minimizing the obstruction of light into the surgical field.



# AIM-200 OR

## Surgical light

The AIM-200 OR is the most versatile and practical light for the Operating Room environment delivering 360° limitless arm-and-mounting-system-rotation around the vertical axes on single ceiling models.

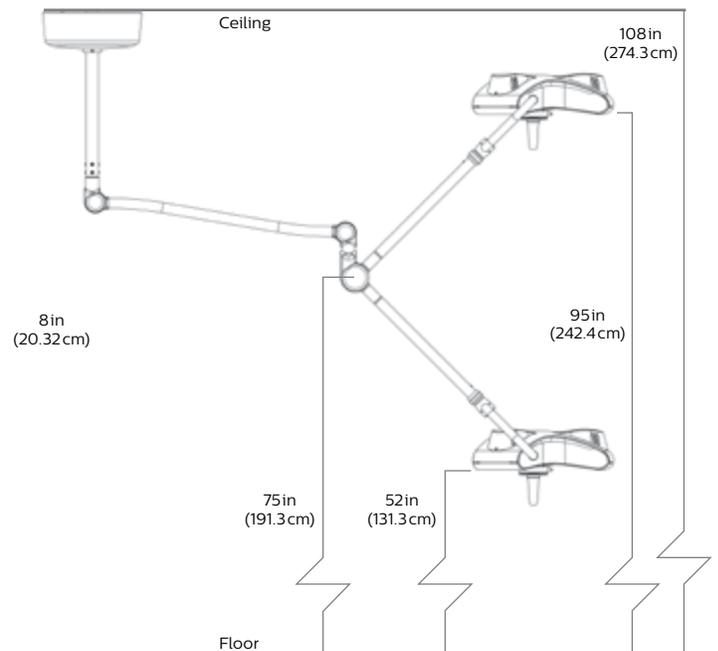


### Ordering information

120V Model	Grainger Item	Description
A200FL	35FT69	Floorstand
A200SC	35FV21	Single ceiling mount
A200DC	35FV22	Double ceiling mount
A200W	35FV23	Wall mount

### Accessories

1017111PK	35FV24	AIM-200 OR replacement bulbs, 3/box
1017040	35FV45	Sterilizable / autoclavable handle
0008100PK	35FV47	Light handle covers, sterile, 25/box
1017084	35FV46	42" drop tube





# APEX

## Surgical light

Your choice for no-drift positioning and exceptional performance.

Reliable operation, simplicity and ease of use are the hallmarks of every Philips Burton product, and the new Apex is no exception. For optimum illumination (120,000 lux / 11,148 fc at 1 meter), the highest quality no-drift arm system, reliability and true color rendering, there is no better value than Philips Burton's Apex. Plus, an efficient multi-bulb design eliminates the need for complicated back-up bulb systems used in single source lights.

### Features

- High-intensity of 120,000 lux (11,148 fc) at 1 meter
- 4200 K color temperature offers pure white illumination (without blue hues)
- High CRI (Color Rendering Index) of 95
- 24" (61cm) diameter lighthead
- Unlimited arm rotation
- Focuses with center autoclavable handle for exceptionally smooth focus
- Supplied with control box including on/off switch, and continuous intensity adjustment
- Durable, aesthetic arm system that is recognized for drift-free, trouble-free operation
- 120V model standard, 100V and 230 / 240V models available
- UL/IEC 60601-1, IEC 60601-1-2, EN/IEC 60601-2-41 and CAN/CSA C22.2 NO. 601.1 M90 certified
- 5-year limited warranty
- Assembled in USA

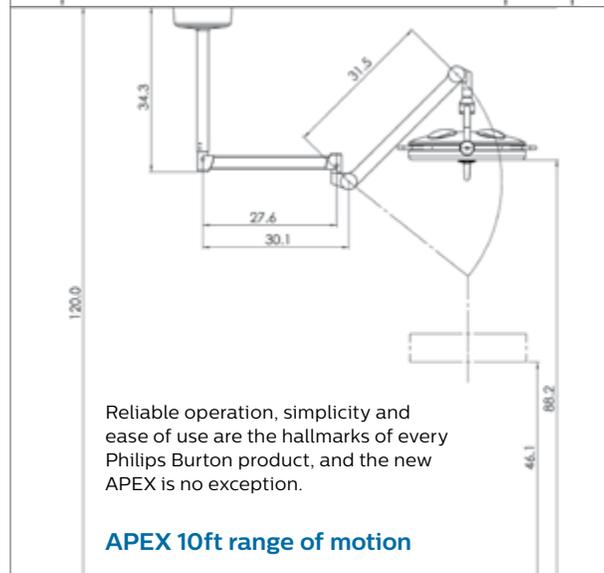
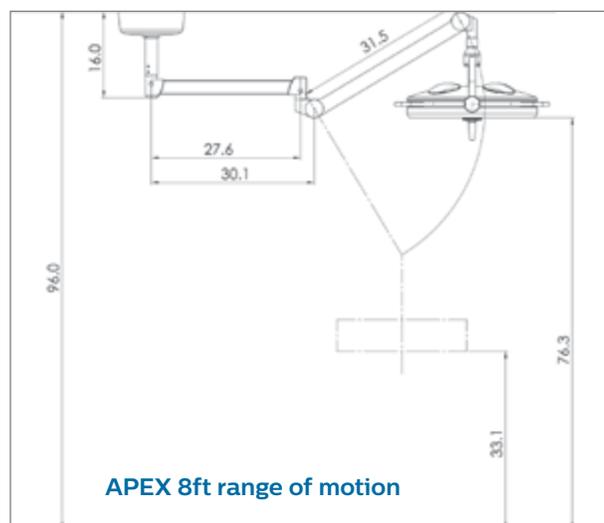


### Ordering information

120V Model	Grainger Item	Description
APXSC8	35FV25	8' Single ceiling mount
APXSC10	35FV26	10' Single ceiling mount
APXDC8	35FV27	8' Double ceiling mount
APXDC10	35FV28	10' Double ceiling mount

### Accessories

0002004PK	35FV29	Apex replacement bulbs, 6/box
0008100PK	35FV47	Light handle covers, sterile, 25/box



# Magnifiers





# Wave LED

## Magnifiers

A larger viewing area and LED energy saving technology.

The Wave LED has a new sleek head design to complement any office décor. Offered in a unique and powerful 3.5 diopter magnifier, the Wave LED is superior in both form and function. The dual independent LED light sources offer enhanced performance, as well as a user controlled energy saving option.

### Features

- Shadow-free magnification using symmetrical lighting or 3-D magnification using asymmetrical magnification.
- Self-balancing shade and hands-free neck assembly make precise adjustments easy.
- 6.75" x 4.5" rectangular white crown optical-quality glass lens.
- Equipped with two 6W individually controllable LED modules.
- 45" articulating K-arm standard.
- Automatic 9/4 hour auto shut-off feature and (0-50-100%) step dimming to support energy savings.
- No drift spring-balanced arm allows complete freedom of movement.
- Standard table edge clamp mount included. Optional accessories available: surface mount bracket and weighted rolling floor stand.

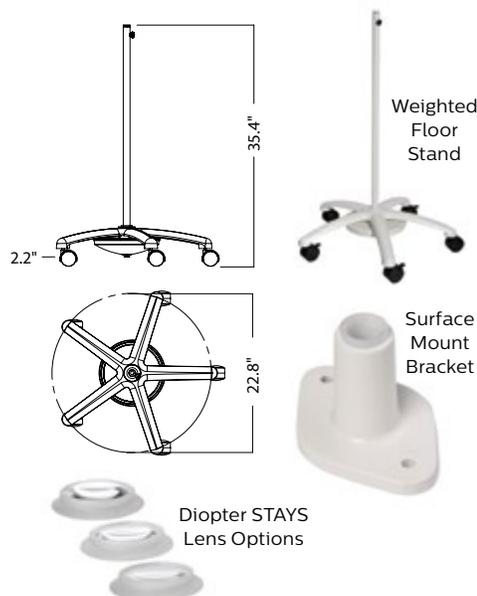
### Ordering information

120V Model	Grainger Item	Description
WML35W45EC120	45TT87	Wave LED (standard table edge clamp mount included)

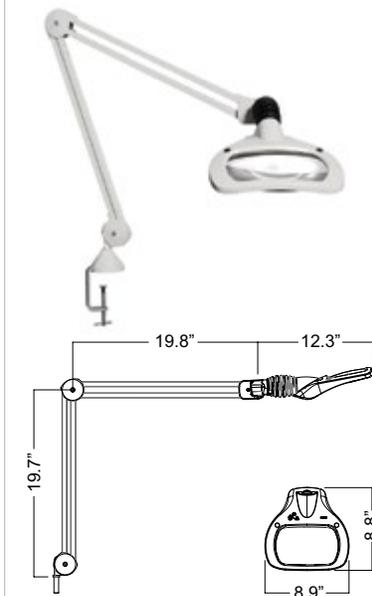
### Accessories

WMLWFS	45TT88	Weighted Floor Stand
WMLSMB	45TT89	Surface Mount Bracket
WML4DS	Grainger Sourcing Only	4 Diopter STAYS Lens
WML6DS		6 Diopter STAYS Lens
WML10DS		10 Diopter STAYS Lens

### Accessories



### Measurements



### Summary of technical data

Illuminance	4600 lux (typical)
Color Temperature	4000 K (typical)
Color Rendering Index	80 CRI
Light Source	Two 6W dimmable LED modules
Rated Life of LED	50,000 hours average LED life
Power	15 Watts (typical)
Focal Length	11"
Optics	3.5 (1.88X) diopter, 6.75" x 4.5" rectangular white crown optical quality glass lens
Dimming	Step dimming 0 – 50 – 100%
Timer	9/4 hour auto shut off
Body Material and Color	Steel arm, die-cast aluminum shade, fully enclosed neck
Arm Technology and Movement	Heavy duty internal spring 45" parallel three-pivot K-arm
Mounting	Weighted floor stand, edge clamp or surface mount
Certifications	UL/cUL listed
Product Warranty	1-year warranty



## UV Light Magnifiers

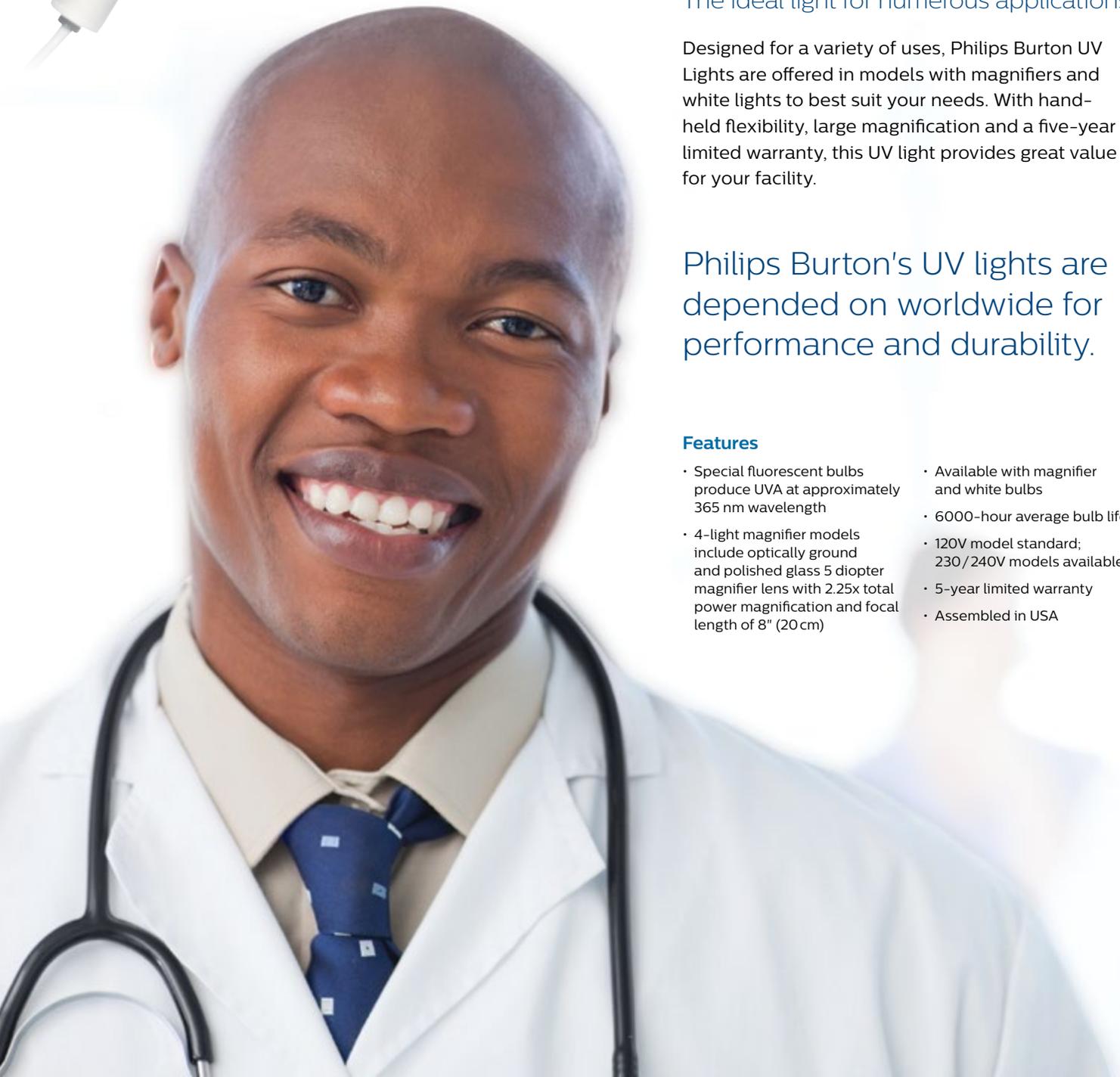
The ideal light for numerous applications.

Designed for a variety of uses, Philips Burton UV Lights are offered in models with magnifiers and white lights to best suit your needs. With hand-held flexibility, large magnification and a five-year limited warranty, this UV light provides great value for your facility.

Philips Burton's UV lights are depended on worldwide for performance and durability.

### Features

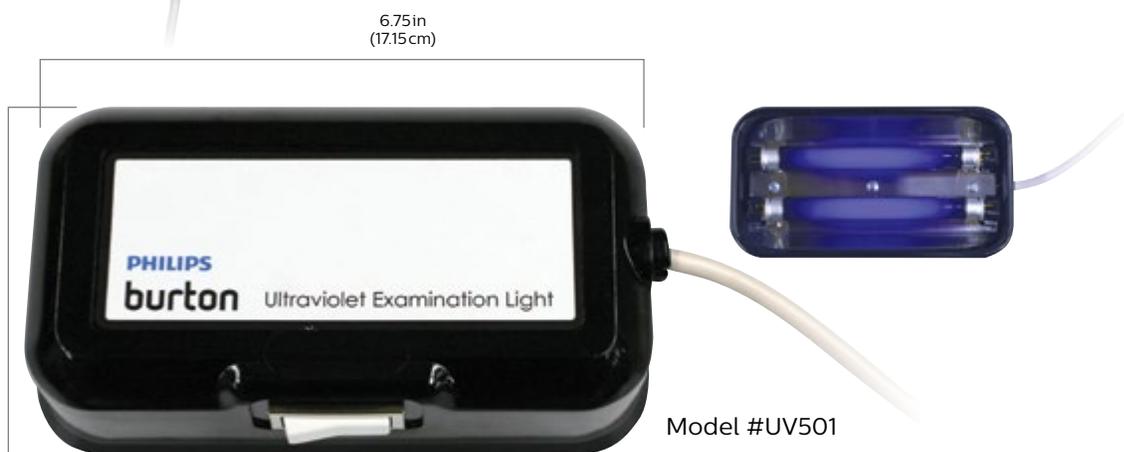
- Special fluorescent bulbs produce UVA at approximately 365 nm wavelength
- 4-light magnifier models include optically ground and polished glass 5 diopter magnifier lens with 2.25x total power magnification and focal length of 8" (20 cm)
- Available with magnifier and white bulbs
- 6000-hour average bulb life
- 120V model standard; 230/240V models available
- 5-year limited warranty
- Assembled in USA



# UV Light Magnifiers



Model #UV502



Model #UV501

## Ordering information

120V Model	Grainger Item	Description
UV501	35FV30	2 UV bulbs without magnifier
UV502	35FV31	2 UV bulbs with magnifier
UV503	35FV32	2 UV, 2 white bulbs with magnifier

## Accessories

1007090	35FV33	UV Light wall bracket
0001127PK	35FV34	UV replacement bulbs, white, 4/box
1003073PK	35FV35	UV replacement bulbs, UV, 4/box



# Lighting solutions guide

## Department/Specialty

<b>Hospital</b>	<b>Good</b>	<b>Better</b>	<b>Best</b>
G OR	AIM-200 OR (D)	APEX (S)	APEX (D)
Endo	AIM LED (D)	AIM-100 (D)	APEX (D)
Ortho	AIM-200 OR (S)	AIM-200 OR (D)	APEX
CVOR head	AIM-200 OR (S)	AIM-200 OR (D)	APEX
CVOR foot	AIM-200 OR (S)	AIM-200 OR (D)	APEX
Trauma	AIM LED (D)	AIM-100 (D)	APEX (D)
ED	Outpatient II/CoolSpot II	AIM LED (D)	AIM-100 (S)
LDR	Outpatient II	CoolSpot II	AIM LED
ICU	Outpatient II	CoolSpot II	AIM LED
Autopsy	Outpatient II	CoolSpot II	AIM LED
Cath	Outpatient II	CoolSpot II	AIM LED
ProCed	Outpatient II	AIM LED	AIM-100
Patient room	Light Caress PC*	Light Caress PC*	Light Caress XC*
Exam	Gleamer	Nova Exam LED	Outpatient II

<b>ASC</b>	<b>Good</b>	<b>Better</b>	<b>Best</b>
Endo	AIM LED	AIM-100	APEX
Plastic	AIM LED	AIM-100	APEX
Ophtha	Outpatient II	AIM LED	AIM-100
Ortho	AIM LED	AIM-100 (D)	AIM-200 OR (D)
G OR	AIM-100	AIM-200 OR	APEX

<b>Office</b>	<b>Good</b>	<b>Better</b>	<b>Best</b>
Plastic	Outpatient II	AIM LED	AIM-100
Derm	Outpatient II	CoolSpot II	AIM LED
Clinics	Outpatient II	CoolSpot II	AIM LED
OB/GYN	Gleamer	Nova Exam LED	CoolSpot II
Diag	Outpatient II	CoolSpot II	AIM LED
Exam	Gleamer	Nova Exam LED	Outpatient II

<b>Veterinary</b>	<b>Good</b>	<b>Better</b>	<b>Best</b>
Major surgery	AIM-100	AIM-200 OR	APEX
Minor surgery	Outpatient II	AIM LED	AIM-100
Diag	Outpatient II	CoolSpot II	AIM-50
Exam	Gleamer	Nova Exam LED	Outpatient II
Dental exam	Super Exam 50 LED	Nova Exam LED	CoolSpot II
Magnifier	UV Light	Epic Magnifier*	Wave Plus

<b>Dental</b>	<b>Good</b>	<b>Better</b>	<b>Best</b>
Max	Outpatient II/CoolSpot II	AIM LED	AIM-100
Exam	Gleamer	Nova Exam LED	CoolSpot I

(D) = Double  
(S) = Single

\* Items available through  
Grainger Sourcing Only

AVAILABLE THROUGH



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Grainger representative or visit [Grainger.com](http://Grainger.com)®

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