

Task & Examination Light

# Super Exam 50 LED & Super Exam 50

Burton's Super Exam 50 models deliver best-in-class intensity, color temperature and CRI — all on a self-balancing, easily positioned K-arm.



**PHILIPS**  
**burton**

# Super Exam 50 LED & Super Exam 50

The best combination of natural white light and drift-free positioning of any high-intensity, task and examination light in the market – available with halogen or energy-saving LED light source.

Delivering higher illumination in a limited area, our Super Exam 50 models are ideal for obstetrics, gynecology, dermatology and emergency medicine.

## Common Features

- Natural white light
- Universal input voltage
- Drift-free K-arm with 42" (107 cm) arm range
- Rail mount bracket that can be attached to a DIN rail or Fairfield rail
- IEC 60601-1/ 60601-2-41 certified
- CE marked
- 5-year limited warranty

**SUPER EXAM 50 LED** delivers value through longer life, lower energy consumption and versatility. The LED technology in this highly engineered optical system delivers the precisely controlled natural white light that is so important for an accurate examination.

- High-intensity of 39,000 lux (3623 fc) at 24" (61 cm)
- 4000 K color temperature
- CRI (Color Rendering Index) of 92
- LED light module with 40,000-hour life

**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.

- High-intensity of 45,750 lux (4250 fc) at 24" (61 cm)
- 3800 K color temperature
- CRI (Color Rendering Index) of 99
- Halogen bulb with 4000-hour life

## 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 models 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.



**Horizontal Movement** (above): Designed for maximum movement in the horizontal plane. Typical applications: Floorstand, table mounted. **Vertical Movement** (right): 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.





Specially designed light head reduces surface temperature

Drift-free K-arm provides better positioning than goosenecks

Unique dual lens technology produces greater light intensity than competitive halogen models



Super Exam 50 LED features a long lasting, energy-efficient LED light source

## Ordering Information

### SUPER EXAM 50 LED

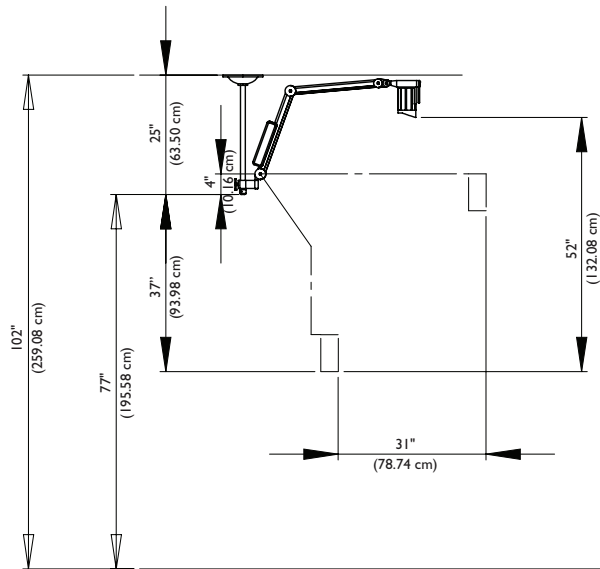
120V Model	230/240V Model	Description
SE50FL	SE50FL25	Floorstand
SE50LR I	SE50LR I 25	Rail, DIN 25
SE50LR	SE50LR25	Rail, Fairfield
SE50LSC	SE50LSC25	Single Ceiling Mount
SE50LT	SE50LT25	Table Mount
SE50LW	SE50LW25	Wall Mount

### SUPER EXAM 50

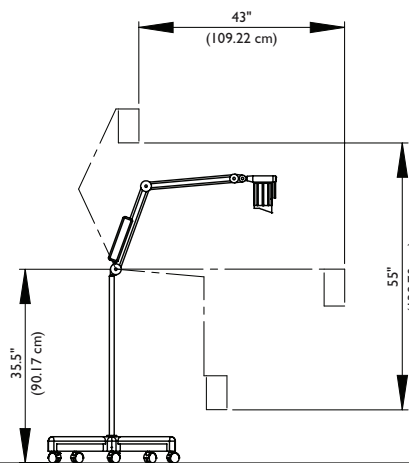
120V Model	230/240V Model	Description
SE50FL	SE5 IFL	Floorstand
SE50R I	SE5 IRI	Rail, DIN 25
SE50R	SE5 IR	Rail, Fairfield
SE50SC	SE5 ISC	Single Ceiling Mount
SE50T	SE5 IT	Table Mount
SE50W	SE5 IW	Wall Mount

Note: This product is NOT available in Norway, Sweden, Finland, Denmark, Estonia, Russia, Germany, UK, Ireland, Australia, Spain, the Netherlands or Iceland.

# Super Exam 50 models range of motion and general dimensions



Ceiling arm movement same as for wall and rail mounts



Floorstand arm movement same as for table mount

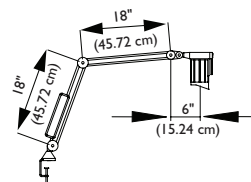


Table mount

## Summary of technical data

### SUPER EXAM 50 LED

Illuminance:	39,000 lux (3623 fc) at 24" (61 cm)
Color temperature:	4000 K
CRI	92
Light sources:	Light Emitting Diode, 40,000-hour rated life
Power:	16 Watts

### SUPER EXAM 50

Illuminance:	45,750 lux (4250 fc) at 24" (61 cm)
Color temperature:	3800 K
CRI	99
Light sources:	50W MR-16 bulb with 4000-hour rated life

### Super Exam 50 (LED and halogen) technical specs

Power:	120V model standard; 230 / 240V model available
Mounting options:	Single Ceiling, Table, Rail, Floor and Wall
Applications:	Obstetrics, Dermatology, Gynecology, Emergency Medicine
Certifications/Approvals:	IEC 60601-1/60601-2-41 certified; CE marked
Product warranty:	5-year parts and labor

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

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LIT-0050 Rev 03

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