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

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 Kelvin 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 Kelvin 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 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: floor stand, 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.
Drift-free K-arm provides better positioning than goosenecks

Specially designed light head reduces surface temperature

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

Super Exam 50 models range of motion and general dimensions

Ceiling arm movement same as for wall and rail mounts

Floor stand 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 Kelvin
- CRI (Color Rendering Index): 92
- Light Sources: Light Emitting Diode (LED)
- Rated Life: 40,000-hour average LED life
- Power: 16 Watts

SUPER EXAM 50

- Illuminance: 45,750 Lux (41750 fc) at 24" (61 cm)
- Color Temperature: 3800 Kelvin
- CRI (Color Rendering Index): 99
- Light Source: Halogen 50W MR-16 bulb
- Rated Life: 4000-hour average bulb life

SUPER EXAM 50 & SUPER EXAM 50 LED SHARED TECHNICAL SPECS

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

Ordering Information

SUPER EXAM 50 LED

<table>
<thead>
<tr>
<th>Model Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE50LFL</td>
<td>Floor Stand</td>
</tr>
<tr>
<td>SE50LR1</td>
<td>Rail, DIN 25</td>
</tr>
<tr>
<td>SE50LR2</td>
<td>Rail, Fairfield</td>
</tr>
<tr>
<td>SE50LSC</td>
<td>Single Ceiling Mount</td>
</tr>
<tr>
<td>SE50LT</td>
<td>Table Mount</td>
</tr>
<tr>
<td>SE50LW</td>
<td>Wall Mount</td>
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SUPER EXAM 50

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<td>SE50W</td>
<td>Wall Mount</td>
</tr>
</tbody>
</table>

IEC Plug Type

- Default (No Code): NEMA S-15P
- 01: CEE 7/7
- 02: AS/NZS 3112
- 03: BS1363

Floor Model Only: Add appropriate Plug Type to the end of the model number.¹

Example 1: OPLEDFL for a 100-240V Floor Model with Nema S-15P Plug.
Example 2: OPLEDFL09 for a 100-240V Floor Stand Model with SCHUKO CEE 7/7 to C6032DCI3 Plug.

Ceiling Models Only: Add appropriate Ceiling Height to the end of the model number.²

Example 3: OPLEDSC for a 100-240V Single Ceiling Model, 8 Foot Ceiling Height.
Example 4: OPLEDCC09 for a 100-240V Dual Ceiling Model, 9 Foot Ceiling Height.

¹ 100-120V Do not add Plug Type, NO CODE: NEMA S-15P; 01: CEE 7/7, 02: AS/NZS 3112, 03: BS1363.
² 8 Foot Ceiling, No Code Required

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