Operating Room Solutions
Amico Clinical Solutions creates state-of-the-art products to ensure the greatest possible clinical experience. Our second generation, iCE30m LED Surgical Lighting System brings the highest LED technology to the Operating Room.

The multi-color iCE30m surgical light is designed for superior shadow control and optimum light intensity, along with offering diverse color temperatures to accurately differentiate between tissues. The slim design and laminar flow openings promote airflow, allow for effortless maneuvering of the light, and is attached to a durable suspension system to eliminate drifting. The design was created with exceptional infection control features to prevent the spread of bacteria. Amico’s PLP (Patient Lift Pendant) system can be integrated into the OR booms to assist clinical staff to safely reposition and transfer patients, ensuring the best possible outcomes in your OR.
Amico Group of Companies - One Point of Contact. One Total Solution.
• Superior multi-color LED lights (3,500K-5,000K) at a maximum brightness of 160,000 lux

• Turn light ON and OFF with capacitive touch smart handle

• Adjust light BRIGHTNESS with capacitive touch smart handle

• Automated emergency light bypass ensures your light will work all the time, every time

• Exceptional shadow control

• Slim, light-weight, and easy to maneuver

• Aerodynamic design with laminar flow openings, allowing surgical smoke to rise above the field

• Endo lighting for minimally invasive surgery

• Seamless design allows for easy cleaning between surgical cases

Focusable Light Pattern & Ease of Maneuverability

Touch Sensor Control Handle

Multi-Color Options
Shadow Reduction

Control Light in the Sterile Field

Laminar Flow

Built-in Emergency Backup
• 100% customizable consoles

• Intuitive electric braking system with built-in backup friction brake

• Eight integrated accessory rails on the console offer ultimate flexibility

• Seamless designed top cap allows for easy cleaning between cases

• Concealed hinged back door allows for easy maintenance

• Vertical boom arm with optional big screen monitor, ranging from 50” to 60”

• Adjustable shelves available in multiple sizes

• Integrated electric brake control option on shelves

• Optional LED night light available at the bottom of the boom console
Video Integration / HD Camera

- Network ready
- Integrated in-light HD camera
- Camera control box
- 10x optical and 12x digital zoom
- Ultra smooth 60 frames per second
- 2,380,000-pixel resolution
- 10 mm to 800 mm working distance
- Big screen surgery
- Vertical articulating arms
- New monitor mount with greater than 360° rotation
- Single and dual monitor holder options
- Endoscopy mode for laparoscopic surgery
- Neutral integration vendors
GoLift in the Operating Room

Patient Lift Pendant (PLP)

Inside the Surgical Field

Reduced Risk of Injury to Patients and Caregivers

Outside the Surgical Field

PLP
Anatomy of the GoLift

- Quick change battery design
- Achieve instant electrical and mechanical connection
- Lifts up to 700 lbs!
- GoLift weighs just 10 lbs
- Durable all metal gears
- Constructed of solid steel
- Emergency lowering/stop feature
- Rubber emergency strap for easy cleaning
- Capacitive touch hand control
- Quick release
- Bright LED indicators
- Quick magnetic hand control connection
• The World’s Smallest 700 lb Patient Lift
• Weighs less than 10 lbs
• Capacitive touch hand control
• Emergency stop
• Emergency lowering device
• Upper and lower limit detection
• Free fall brake
• LED indicators
• Sterile disposable covers available
• Seamless design allows for easy cleaning
• Disposable and reusable slings available
Equipment Transport System (ETS)

- Effortless transport of IV and pump equipment
- Unique base design for easy transport and storage
- Integrated power bar
- Bed docker
- Console docker
- Cord wrap
- Roll stand
- Height adjustable with foot pedal
- Down release button
- Safety lock
- Cable management
- Height adjustable IV poles
Benefits to the BioMed

- Energy efficient
- Easily accessible circuit board for maintenance, located in the control panel
- Automated emergency light bypass provides guaranteed up-time
- 50,000 hour LED life cycle
- Replace LEDs individually
- Easily adjust spring arm tension
- Reliable electric brake system is easily accessible without taking down boom arm
- Concealed hinged back door for easy maintenance of the boom
With so many configuration options to choose from, you can customize your Operating Room to maximize space and create a more efficient work environment.

Visit Amico’s 3D Configurator
www.amico.com/3Dconfigurator

**SERIES 1**
- Single mount, single light
- Single mount, double light
- Single mount monitor with 32" Sony monitor
- Single mount triple arm with 32" Sony monitor

**SERIES 3**
- Triple Dual lights on main, 32" Sony monitor on satellite
- Quad Dual light, 32" Sony monitor on main, 32" Sony monitor on satellite
## Surgical Light Specifications

### Performance

<table>
<thead>
<tr>
<th>Performance</th>
<th>Units</th>
<th>160,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lighthouse Diameter</td>
<td>in (cm)</td>
<td>30 (76)</td>
</tr>
<tr>
<td>Light Intensity (Central Luminance)</td>
<td>lx (fc)</td>
<td>160,000 (14,870)</td>
</tr>
<tr>
<td>Brightness Control</td>
<td>%</td>
<td>50 - 100 (5% in Endo Mode)</td>
</tr>
<tr>
<td>Light Field Diameter</td>
<td>in (cm)</td>
<td>7.6 - 12 (19 - 31)¹</td>
</tr>
<tr>
<td>Depth of Illumination (L1+L2) at 60%</td>
<td>in (cm)</td>
<td>16.8 (42.7)</td>
</tr>
<tr>
<td>Color Rendering Index (Ra)</td>
<td></td>
<td>97²</td>
</tr>
<tr>
<td>R9</td>
<td></td>
<td>&gt;90</td>
</tr>
<tr>
<td>R13</td>
<td></td>
<td>97²</td>
</tr>
<tr>
<td>Color Temperature</td>
<td>K</td>
<td>3,500/4,000/4,500/5,000³</td>
</tr>
</tbody>
</table>

### Shadow Dilution

<table>
<thead>
<tr>
<th>Shadow Dilution</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Mask</td>
<td>%</td>
<td>63</td>
</tr>
<tr>
<td>Double Mask</td>
<td>%</td>
<td>52</td>
</tr>
<tr>
<td>Cavity</td>
<td>%</td>
<td>99</td>
</tr>
<tr>
<td>Single Mask with Cavity</td>
<td>%</td>
<td>61</td>
</tr>
<tr>
<td>Double Mask with Cavity</td>
<td>%</td>
<td>50</td>
</tr>
</tbody>
</table>

### Number of LEDs (main) 80

### Number of Other LEDs 320

### LED Service Life hours 50,000

### Total Radiant Power at Max Intensity W/m² 515

### Power Consumption at Lighthouse w @ 24 VDC 50

### Electricity (VAC) Universal VAC

### Emergency Bypass Yes

### Mounting Options Ceiling/Wall/Mobile Stand

### Certificates TUV, FDA

---

**Minor Surgery and Diagnostic LED Light**

The Mira’s precisely positioned LEDs allow for superior shadow control, depth of field and light intensity.

The Mira LED offers a CRI of 95+ and a color temperature of 4500K. This light comes in 50,000, 65,000 and 90,000 lux options.

Visit [www.amico.com](http://www.amico.com) for more information.

---

All tests conducted per 60601-2-41 standard

1. LFD has a tolerance of 5%
2. CRI has a tolerance of 2.5%
3. CCT has a tolerance of 15%
ice Boom/PLP Specifications

**Arm Lengths**
800mm, 1000mm, 1200mm, 1400mm

**Console Heights**
20" to 60"

**Sizes**
12.5" x 9" / 14" x 12.5" / 18" x 12.5" / 18" x 9"

**Rotation**
Up to 340°

**Capacity**
Up to 1800 lbs

**Rails**
Eight (8) rails for mounting accessories

**Shelves**
Up to six (6) shelves

**Shelf weight rating**
Up to 150 lbs

**Drawers**
Up to two (2) drawers mounted per shelf
Drawer weight rating: up to 15 lbs

**Integrated Patient Lift**
Up to 1000 lbs lifting capacity

---

**The Electric Brake:**

**Input Voltage**
100 - 240 VAC

**Power Consumption**
- Ceiling and Adapter Bearing: 200 W
- Console Bearing: 80 W

**Switch Operation**
Momentary

**Braking System**
Brake switches are provided on the ergonomic control handle and on the console along with a simplified operation diagram

**Brake Type**
Spring actuated friction brake

**Torque**
520 lbs-in

---

**Vertical Range**
+/- 22.5° from horizontal

**Rotation Capability**
340°

**Max Pay Load**
90 kg

**Input Voltage**
120 - 240 VAC

---

Amico Clinical Solutions Corp.
GoLift Specifications

Three GoLift Weight Capacities

- **GoLift 400**
  - Single Lift
  - Go-LIFT-400
  - Lift Up to 400 lbs / 181 kg

- **GoLift 700**
  - Single Lift
  - Go-LIFT-700
  - Lift Up to 700 lbs / 318 kg

- **GoLift 1000**
  - Tandem Lifts
  - Go-LIFT-1000
  - Lift Up to 1000 lbs / 454 kg

Safe Working Load (SWL)
- 400 lbs / 181 kg
- 700 lbs / 318 kg
- 1000 lbs / 454 kg

Dimensions
- 400 & 700 lbs / 181 & 318 kg:
  - Length: 7 ¾" / 197 mm
  - Width: 7 ¾" / 197 mm
  - Height: 4 ¼" / 108 mm
  - Strap Length: 84" / 2134 mm

- 1000 lbs / 454 kg:
  - Length: 15 ½" / 394 mm
  - Width: 7 ¾" / 197 mm
  - Height: 4 ¼" / 108 mm
  - Strap Length: 84" / 2134 mm

Unit Weight
- 400 lb / 181 kg version: 8 lbs / 4 kg
- 700 lb / 318 kg version: 10 lbs / 5 kg
- 1000 lb / 454 kg version: 20 lbs / 9 kg *(Tandem Lifts)*

Lift Case
- Flame retardant ABS

Safety
- Emergency Stop
- Emergency Lowering Device
- Upper Limit Detection
- Lower Limit Detection
- Slack Tape Sensor
- Free Fall Brake (over speed governor)
- Low Battery and Dead Battery Alarms
- Soft Start and Stop
- Overload Protection
- Emergency Manual Lowering

Approvals
- Certified to:
  - Can/CSA-C22.2 No 60601-1:08,
  - UL 60601-1:08
- Tested to: ISO 10535-06, CE

Hand Control
- Capacitive Touch
- Protection Class: IPX0

Service Life
- 10 years or 22,500 cycles

Maximum Sound Level
- <55 dB

Maximum Lifting Speed
- No load: 2 inches/second
- 150 lbs / 68 kg: 1.3 inches/second
- 400 lbs / 181 kg: 1 inch/second
- 700 lbs / 318 kg: 1 inch/second
- 1000 lbs / 454 kg: 1 inch/second

Batteries
- High Capacity, Nickel Metal Hydride (Ni-Mh)
- Standard: 2 x 14.4V (2Ah)
- Optional: 2 x 14.4V (3.3Ah) or (5Ah)

Battery Charger
- 100-240 VAC 40 Watt

Number of Lifts per Charge (Duty: 10/90)
- 25% of strap at midrange:
  - 375 with 185 lbs / 84 kg
  - 170 with 400 lbs / 181 kg
  - 102 with 700 lbs / 318 kg
- Charging time: 2 – 4 hours

*Calculated using 5Ah Packs

www.amico.com