

O.R. LIGHTING

SIMEON HIGHLINE LIGHTS

Technology • Durability • Security

- **Technology:** Patented reflector technology delivers uniform light intensity, a large depth of focus and an outstanding level of shadow-free illumination.
- **Durability:** Glass front face will not cloud over time. Aluminum housing - rugged construction provides superior heat transfer for LED longevity - 60,000+ hours.
- **Security:** 10 year warranty!*



HighLine
Sim. LED
7000 MC & SC
160,000 LUX



Premium surgical lighting for challenging procedures

SIMEON HighLine surgical lights deliver the benefits of cutting edge LED technology. Patented Sim.POD modules generate a large light emitting surface with a uniform beam of light. This bundling and overlapping of light rays creates ideal illumination in any situation. SIMEON innovation is not limited to the LED technology; lighting controls are intuitive, painted surfaces are anti-bacterial (reduces germs by > 99.999%).

HighLine
Sim. LED
5000 MC & SC
140,000 LUX



The aluminum housing resists impact damage while improving LED heat transfer. A glass face retains optical clarity under repeated exposure to harsh cleaners. Lights are available in single or multi-color versions. The triangular design allows two light heads to nest side-by-side, providing a single large light field over the patient.

Options
Wireless HD Camera
4K Wired Camera
Mobile Solutions
Complete OR
Configurations



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Image Diagnostics, Inc.

Since 1986, IDI has been a manufacturer of innovative products for surgical, interventional and diagnostic imaging. Our product focus is in electro-mechanical solutions for fluoroscopic and digital and radiographic applications. IDI is committed to delivering superior product design, value and customer support in every product we build. Image Diagnostics is partners with SIMEON Medical, a market leader in Surgical lighting based in Tuttlingen, Germany. *Please reference IDI Warranty Document *Please reference IDI Warranty Document D400-0102

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SIMEON Medical HighLine Lighting Specifications

Image Diagnostics Inc. is the exclusive distributor of Simeon surgical lights in the United States

	<p>Sim. LED 7000MC Multi-color OR Light</p> 	<p>Sim. LED 7000SC Single-color OR Light</p> 	<p>Sim. LED 5000MC Multi-color OR Light</p> 	<p>Sim. LED 5000SC Single-color OR Light</p> 
Clinical Application	<p>Versatile larger surface OR lights for:</p> <ul style="list-style-type: none"> • Orthopedics and Trauma Surgery • General Surgery, often in combination with a smaller LED 5000 or as a dual set • Preferred for large wound/large site surgical cases, i.e. Bariatric surgery, skin grafting • Specified for Emergency Department Trauma Bay as a single light or combined with an LED 5000 	<p>The OR light used for all types of surgery:</p> <ul style="list-style-type: none"> • General Surgery, Ortho, Neuro, GYN, ENT, Plastics, Urology, CVOR • Especially preferred in Neurosurgery, Ortho, Plastics, GYN for positioning • General/Ortho/CVOR in combination with the larger LED 7000 as dual set • Ideal for Ambulatory/Outpatient Surgery; special procedures rooms • Specified for Emergency Department Trauma Bays as dual set 		
Key design benefits	<p>Excelling in standard industry performance measures including intensity, illumination depth, shadow and heat management, and color rendering</p> <ul style="list-style-type: none"> • Maximized light emitting surface based on patented reflector design • Triangular shape for closer centering of lights and better viewing angles when next to users' heads • Built-in shadow management by the Reflector Shadow Resolution System using optimal light ray bundling and overlapping; without extra sensors or controls • Minimized heat through highly-effective design for thermal transfer and convection; utilizing the best materials, aluminum and glass 			
Maximum Intensity (Lux) (at 1 M / 39.4")	140,000 Lux			
Light Field Diameter	180-280mm / 7-11"			
Illumination Depth (L1 to L2)	1,200 mm / 47.2			
Color Temperature (°K)	Selectable @3500, 4000, 4500, 5000, 5500 °K		4500°K	
Color Rendering Index (CRI); Ra	96 Ra. at all selectable color temps °K		96 Ra	
Color Rendering Red spectrum: R9	94 R9		96 R9	
Number of Bulbs and Reflectors	108 multicolor LEDs with 36 reflectors		72 white LEDs with 24 reflectors	
Light Head Dimensions	695 x 611 mm (27" x 28") / 713mm (28") across			

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