SIMEON OPERATING LIGHTS

HIGHLINE
Sim.LED 8000
New era of surgical lights

- Patented SIMEON Reflector Technology 2.0 for shadow free light
- Active Shadow Management
- Endo.Light: Dimmable endoscopic light 3,000 - 48,000)
- Illumination depth up to 2,308 mm (90.9 in)
- Innovative Anti.BAC®: Antibacterial coating (ISO 22196, JIS Z 2801)
- Easy cleaning of high-end material aluminum and safety glass
- IP 54 IP54 protection against dust and moisture
- my.GRIP: Programmable light control via sterile handle
- my.LED: Light presets (up to 99 user profiles)
- my.SYNC: Synchronization of two light heads
- Auto.CAM: Camera prepared light head
- Optional touch screen control
- Sim.INTERFACE: Integration with third party OR Integration Systems

HIGHLINE
Sim.LED 7000/5000
Excellent light performance.

- Patented SIMEON Reflector Technology for shadow free light
- Sim.BIANCE endoscopic light
- Illumination depth up to 1,200 mm (47.3 in)
- Anti.BAC Innovative Anti.BAC®: Antibacterial coating (ISO 22196, JIS Z 2801)
- Easy cleaning of high-end material aluminum and safety glass
- IP 44 IP44 protection against dust and moisture
- my.GRIP: Programmable light control via sterile handle
- my.LED: Light presets by the press of a button
- Auto.CAM: Camera prepared light head
- Sim.INTERFACE: Integration with third party OR Integration Systems

BUSINESSLINE
Sim.LED 700/500/450
Great Light. Great Value.

- Patented SIMEON Reflector Technology for shadow free light
- Sim.BIANCE endoscopic light
- Illumination depth up to 975 mm (38.4 in)
- Anti.BAC Innovative Anti.BAC®: Antibacterial coating (ISO 22196, JIS Z 2801)
- Easy cleaning of high-end material aluminum and safety glass
- IP 52 IP52 protection against dust and moisture
- my.GRIP: Programmable light control via sterile handle
- my.LED: Light presets by the press of a button
- Auto.CAM: Camera prepared light head
- Sim.INTERFACE: Integration with third party OR Integration Systems

SIMEON OPERATING LIGHTS

Technical Specifications

	HighLine Sim.LED 8000	HighLine Sim.LED 7000/5000/5000 (140 klx)	BusinessLine Sim.LED 700/500/450
Central illuminance (1m) [lx]	160,000	160,000/160,000/140,000	160,000/160,000/140,000
Dimmability [lx]	48,000–160,000	48,000–160,000/48,000–160,000/ 42,000–140,000	48,000–160,000/48,000–160,000/ 42,000–140,000
Light field diameter d_{10} at 1m distance [mm/inch]	170–320 mm/6.7–12.6 inch	180–300/180–280/180–280 mm 7–11.9/7–11/7–11 inch	170–300/170–290/140–250 mm/ 6.7–11.9/6.7–11.4/5.5–9.9 inch (SC) 170–300/170–290/140–230 mm/ 6.7–11.9/6.7–11.4/5.5–9.1 inch (MC)
Color temperature [K]	4,500 (SC) 3,500/4,000/4,500/5,000/5,500 (MC)	4,500 (SC) 3,500/4,000/4,500/5,000/5,500 (MC)	4,500 (SC) 3,500/4,000/4,500/5,000/5,500 (MC)
Color rendering index Ra/R9	98/99	96/96 (SC) 96/94 (MC)	96/96 (SC) 96/94 (MC)
Depth of illumination (L1+L2) 20% [mm/inch]	2,308 mm/90.9 inch (SC) 2,100 mm/82.7 inch (MC)	1,100/1,200/1,200 mm 43.3/47.3/47.3 inch	875/930/975 mm/34.5/36.6/38.4 inch (SC) 915/945/925 mm/36/37.2/36.4 inch (MC)
Depth of illumination (L1+L2) 60% [mm/inch]	979 mm/38.6 inch (SC) 920 mm/36.3 inch (MC)	500/600/600 mm/ 19.7/23.7/23.7 inch	420/460/470 mm/16.6/18.1/18.5 inch (SC) 450/495/510 mm/17.7/19.5/20.1 inch (MC)
LED Service life [h]	>60,000	>60,000	>60,000
Operation via	Optional touch or membrane control	Membrane control	Membrane control
CE / FDA approved	Yes/Yes	Yes/Yes	Yes/Yes
Number of LEDs [pieces]	90	108/72/72	72/54/36

Check out our additionally available products:

Minor surgery & examination lights

Suspension arm system

Sim.SCREEN monitor holders

www.simeonmedical.com

Sim.CAM camera systems (HD/4K)

and many more…