

SIMEON OPERATING LIGHTS

HIGHLINE Sim.LED 8000

New era of surgical lights

SIMEON Medical is offering a new era of surgical lights - The new Sim.LED 8000 series. The Sim.LED 8000 has a uniquely intuitive user philosophy and an outstanding and innovative illumination.

It is the ideal solution for all applications, needs and challenges in everyday surgery. This light impresses especially with its efficiency, multidisciplinary use and safety for patients and users.



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



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

[Click for product video.](#)

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Technical Specifications

	HighLine Sim.LED 8000
Central illuminance (1m) [lx]	160,000
Dimmability [lx]	48,000-160,000
Light field diameter d_{10} at 1m distance [mm/inch]	170-320 mm/6.7-12.6 inch
Color temperature [K]	4,500 (SC) 3,500/4,000/4,500/5,000/5,500 (MC)
Color rendering index Ra/R9	98/99
Depth of illumination (L1+L2) 20% [mm/inch]	2,308 mm/90.9 inch (SC) 2,100 mm/82.7 inch (MC)
Depth of illumination (L1+L2) 60% [mm/inch]	979 mm/38.6 inch (SC) 920 mm/36.3 inch (MC)
LED Service life [h]	>60,000
Operation via	Optional touch or membrane control
CE / FDA approved	Yes/Yes
Number of LEDs [pieces]	90

Check out our additionally available products:



HighLine Operating Lights



BusinessLine Operating Lights



Minor surgery & examination lights



Suspension arm systems



Sim.SCREEN monitor holders



Sim.CAM camera systems (HD/4K) and many more...