

# SIMEON OPERATING LIGHTS

## HIGHLINE Sim.LED 7000/5000

Excellent light performance

Our innovative SIMEON HighLine surgical lights offer all the advantages of cutting-edge, effective LED technology – made in Germany. The latest multi-color or single-color LEDs and patented reflector technology ensure a homogeneous illuminated field. The arrangement of LEDs in a unique triangle design allows the lights to be ideally used in the OR.



Patented SIMEON Reflector Technology for shadow free light



Sim.BIANCE endoscopic light



Illumination depth up to 1,200 mm (47.3 in)



Innovative Anti.BAC®: Antibacterial coating (ISO 22196, JIS Z 2801)



Easy cleaning of high-end material aluminum and safety glass



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

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### Technical Specifications

HighLine Sim.LED 7000/5000/5000 (140 klx)	
Central illuminance (1m) [lx]	160,000/160,000/140,000
Dimmability [lx]	48,000-160,000/48,000-160,000/42,000-140,000
Light field diameter $d_{10}$ at 1m distance	180-300/180-280/180-280 mm 7-11.9/7-11/7-11 inch
Color temperature [K]	4,500 (SC) 3,500/4,000/4,500/5,000/5,500 (MC)
Color rendering index Ra/R9	96/96 (SC) 96/94 (MC)
Depth of illumination (L1+L2) 20%	1,100/1,200/1,200 mm 43.3/47.3/47.3 inch
Depth of illumination (L1+L2) 60%	500/600/600 mm 19.7/23.7/23.7 inch
LED Service life [h]	>60,000
Operation via	Membrane control
CE / FDA approved	Yes/Yes
Number of LEDs [pieces]	108/72/72

Check out our additionally available products:



Sim.LED 8000 Operating Lights



BusinessLine Operating Lights



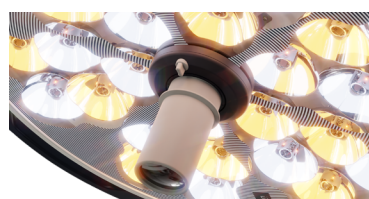
Minor surgery & examination lights



Suspension arm systems



Sim.SCREEN monitor holders



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