

SIMEON OPERATING LIGHTS

BUSINESSLINE Sim.LED 700/500/450

Great light. Great value.

Great flexibility, attractive price and high product quality – the SIMEON BusinessLine provides all of the advantages of Sim.LED technology at an unique cost-to-benefit ratio. The BusinessLine offers limitless combinations of small Sim.LED 450, medium-sized Sim.LED 500 and large Sim.LED 700 surgical lights in single and multi-color. It gives OR planners and users the greatest possible flexibility in the world and ensures optimal light conditions depending on the situation and requirements.



Patented SIMEON Reflector Technology for shadow free light



Sim.BIANCE endoscopic light



Illumination depth up to 975 mm (38.4 in)



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



Easy cleaning of high-end material aluminum and safety glass



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

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Technical Specifications

BusinessLine Sim.LED 700/500/450	
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	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)
Color rendering index Ra/R9	96/96 (SC) 96/94 (MC)
Depth of illumination (L1+L2) 20%	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%	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
Operation via	Membrane control
CE / FDA approved	Yes/Yes
Number of LEDs [pieces]	72/54/36

Check out our additionally available products:



Sim.LED 8000 Operating Lights



HighLine Operating Lights



Minor surgery & examination lights



Suspension arm systems



Sim.SCREEN monitor holders



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