

# VIOS<sup>®</sup>

SURGICAL  
MEDICAL LIGHTS



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## VIOS® Surgical Medical Lights

The Infinium VIOS® surgical light system sets a new standard in the operating room. The VIOS® LED system provides pure white light up to 160,000 LUX with a 50,000 hour lifespan. The revolutionary VIOS® LED design allows for no emission of heat, UV, or Infrared rays.

The Infinium VIOS® surgical light promotes patient safety and cost saving while eliminating the need for bulb changes and eliminating the risk of a bulb burn out during a surgical procedure.

The Vios® surgical light system is mounted on a counterbalanced ceiling suspension mount that allows for easy re-positioning and offers a multitude of lighting angles.



Technical Data / Light Head Type	LED720
Diameter of Light Head (cm)	70
Maximum Light Output Measured in 1m (lux), Ec	160,000
Color Temperature (Kelvin)	4,300
Color Rendering Index (CRI)	96
Red Color Index (R9) - Electronic Ray Intensity Control	96 standard
Dimming Range	30 - 100°/o
Temp Rise (patient head) (°C)	0.5
Temp Rise (surgical field) (°C)	2
Applicable Working Distances from Light head to Surgical Area (cm)	60 ~ 150
Total Irradiance Ee (W/m2)	530
Radiant Power / Intensity Ee / Ec (mW/m2lux)	3.3
Pattern Size (mm)	≥70
Bulb Type	LED
Average Bulb Life (hours) - Depth of Illumination - L1+L2 (cm)	50,000 130
Power Consumption of the Light Head (W)	70
Height Adjustment (cm)	118
Power Input	100-240VAC, 50/ 60Hz

Authorized Distributor:



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