



**Technical Data** **SurgiStar**

Light Intensity in Lux at 1 meter distance	180,000 = FULLY FOCUSED 130,000 = UNFOCUSED
Color Rendering Index	92
Focusable Light Field Size (in cm)	11 - 28
Color Temperature (Kelvin)	4300
Electronic Light Intensity Control at Lamphhead	YES
External Temperature Increase at Head Area	Less than 2° C
Total Power Consumption	150 W
Working Distance (in cm)	60 - 106
Height Adjustment (in cm)	100
Handle	Autoclave
Soft Start of bulb to protect and extend life of bulb	YES
Temperature Rise in the lighted surface is measured as total irradiance measurement. (E <sub>0</sub> )	
Limit <= 1000 WATTS/SQUARE METER	807 WATTS/SQUARE METER

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SURGICAL LIGHTING



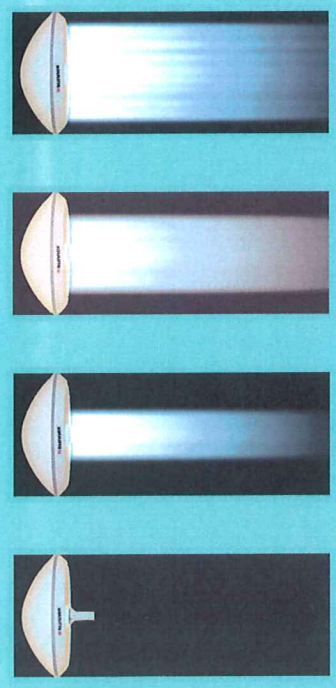




SurgiStar is ideal for surgical applications where a focused and homogenous light is required. The focusable light provides exceptional illumination for deep cavities with very high light output. SurgiStar comes standard with an Electronic Light Intensity Control – giving the surgeon the flexibility to adjust the light output. The lamphead has been designed to not interfere with laminar airflow. The arm system has a modern design with great functionality, long reach and 360° swivel. And the slow startup (a few seconds) feature increases element life to give the SurgiStar an overall low lifecycle cost.

### PERFORMANCE FEATURES

- Very High Light Output
- Excellent Color Rendition – far beyond what is required by surgical lights
- Minimal Heat Development – the heat generated in the actual wound will not dry it out.
- Uniform Vertical Light – homogenous light distribution
- Easy Maintenance – fast and easy process to change bulbs
- Emergency Halogen Bulb – if the bulb fails during surgery, an emergency bulb swivels automatically in position and the surgery continues
- Focusable Beam (Standard)
- Adjustable Illumination – Electronic Light Intensity Control (Standard)
- Arm system with exceptional reach and 360° rotation
- Single Unit and Dual Unit Configurations



*Electronic Light Intensity Control allows for adjustable illumination and focusable beam.*

