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### Light Overview

The Amasco Polaris features patented folded optics technology for excellent quality illumination. This advanced technology creates a platform for superior performance in every class.

With fully adjustable intensities and fields of view, Polaris has the versatility to handle a wide range of surgical procedures. Each lighthead features an independent Variable Intensity Control to permit the surgical team to select from 3,300 to 9,000 foot-candles for optimum brightness relative to the relativity of the task site. And each lighthead features small, medium and large pattern selection for the appropriate field of view. The result is superior visualization quality for a complete range of procedures.

### Key Features Include:

- Bright consistent illumination and constant pattern definition.
- Large depth of field eliminates the need to continually refocus during a procedure.
- Good shadow control and maximum cavity illumination.
- Optimal brightness is achieved without glare.
- Skin and operative tissue appear in a natural state without color distortion.
- Easy to grip sterile handle makes for easy positioning and adjustment of pattern size.
- Good ease of maneuvering during procedures.
- Good range of light intensity adjustment.
- Easy change bulb that can be changed between cases in a matter of minutes.
- The high quality, high gloss finish facilitates ease of cleaning at the end of a long day of cases.



## AMSCO POLARIS SURGICAL LIGHTING SYSTEM

### Specifications:

**Light Intensity**.....96,840 Lux  
9,000 Ft-c

**Intensity Adjustment:**.....5 steps

**Color Temperature:**..... 4,400° Kelvin

### Light Pattern:

Small:..... 4 inches  
Medium:.....6 inches  
Large:..... 8 inches  
Depth of Field:..... 29 inches  
Bulb Type:..... Quartz Halogen  
Bulb Life:..... 1000 hours

### Light Head Physical Specifications:

Light Head Diameter:.....22 inches  
Upper Arm Length:.....36 inches  
Counter Balance Arm:..... 36 inches (Light Head Center)

**Mounting Options:**.....Central Mount, Track Mount