



The **Stryker Visum Blade** LED surgical light is suitable for all major and minor surgical procedures in operating rooms and all other healthcare facilities where the need for illumination exists. The light intensity is variable up to 160 Lux. The light quality is based upon high quality LED's to provide cool light with reduced shadow resolution.

## Features

- Minimizes the effects of shadows by using proprietary refractor technology.
- Delivers consistent bright light.
- Adjust the brightness and turn on and of the light using the surgical light handle.
- Simplified and intuitive sterile control.



## Specifications

### Power

**Voltage:** 100 -240V ~50/60Hz

**Current:** 6A

**Power Per Light Head:** 259 - 416 Btu/hr (76 - 122 W)

### Mechanical Specifications

**Force Required to Move Light:** Up to 25 N

**Load Capacity of Light Spring Arm:** 95-176 Nm

**Degrees of rotation at Spring Arm - Light Head Joint:** Unlimited  
(uninterrupted rotation)

**Degrees of rotation at shoulder and elbow joints for light Spring Arm:**  
Unlimited (uninterrupted rotation)

**Degrees of rotation at Cardanic Light Head joint:** 260° ± 10°

**Degrees of rotation at the shoulder joint for flat panel arms:** Up to 320°

**Degrees of rotation at the elbow joint at flat panel arms:** Up to 310°

### Illumination Specifications

**Central Illuminance (at 91.5 cm from light):** Up to 160,000 Lux

**Light Field Diameter (d10 at 91.5cm):** ≥7.5 in (19 cm)

**Depth of Illumination (20%):** 36.8 in (93.5 cm)

**Depth of Illumination (60%):** 17.9 in (454mm)

**Light Field Diameter (d50 at 91.5 cm):** ≥4.2in (10.7 cm)

**Color Temperature:** 4500K ± 500K

**Color Rendering Index:** ≥90

**R9 Rendering Index:** 88±10

**Total Irradiance at Maximum Intensity:** ≤650 W/m<sup>2</sup>

**Ratio of Irradiation to Illuminance:** ≤4 mW/m<sup>2</sup> x Lux

**LED Lifetime (L70):** ≥35,000 hrs

### Shadow Dilution

**With 1 shadow caster:** 77% ±10%

**With 2 shadow casters:** 47% ±10%

**With 1 tube:** 92% ±5%

**With 1 tube and shadow caster:** 69% ±10%

**With 1 tube and 2 shadow casters:** 43% ±10%

