

Specifications

Mechanical

| | |
|---------------------------------------|--|
| Weight | |
| Solo ceiling mount assembly | Approximately 73.5 lbs (33.3 Kg) |
| Duo ceiling mount assembly | Approximately 104.5 lbs (47.4 Kg) |
| Trio ceiling mount assembly | Approximately 155.5 lbs (70.5 Kg) |
| Light head assembly | Approximately 28.1 lbs (12.7 Kg) |
| Dimensions | |
| Ceiling casting | 17.0" (431,8 mm) Dia. x 4.7" (119.4 mm) deep |
| Ceiling rod | 2.5" (63.5 mm) Dia. x 9.0"-43.0" (228.6 -1092.2 mm) long (depending on ceiling height) |
| Arm (articulated) | 4.0" (102 mm) Dia. (tapered) x 26.0" (660 mm) long |
| Light head assembly | 25.5" (648 mm) Dia. 4.75" (120 mm) deep |
| Rotations | |
| Ceiling mount/extension arm interface | Continuous |
| Articulating/extension arm interface | Continuous |
| Articulating arm vertical movement | +15 Degrees, -65 Degrees |
| Articulating arm/Yoke interface | Continuous |
| Yoke/lamp head interface | +/- 150 Degrees (300° range) |

Electrical

| | |
|----------------|---------------------------------------|
| Voltage | |
| Input Voltage | 100 - 240 VAC 50/60 Hz - Single Phase |
| LED life | 50,000 hours (average) |
| Power | |
| Solo | 120 Watts |
| Duo | 240 Watts |
| Trio | 360 Watts |

Optical

| | |
|-----------------------------------|----------------------------|
| Correlated Color Temperature | 4,200 °Kelvin ±300°K |
| Irradiance | 128 W/m ² (1 m) |
| Color Rendering Index | 88 |
| Focal length | 39" (1 meter) |
| Central illuminance (adjustable) | 120,000 Lux |
| Light field diameter (adjustable) | 207 mm |
| Depth of illumination | 79" |
| Diameter (d50) | 126 mm |
| Illuminance (one mask) | 6,458 fc |
| Illuminance (two masks) | 5,250 fc |

Environmental

| | |
|---------------------------|-------------------------------|
| Operating temperature | 41° - 104° F (5°-40° Celsius) |
| Storage temperature range | 41° - 104° F (5°-40° Celsius) |
| Humidity | 10 - 90% relative humidity |

Mounting Configurations

Choose the configuration that is right for your operating room:

- Single mounts available with a light head or a monitor
- Portable stands available with a light head
- Dual ceiling mounts available with two light heads, a light head and a monitor, or a light head and a camera
- Triple ceiling mounts available with three light heads, two light heads and a camera, or two lighthead and a monitor

Single Ceiling Mount



Dual Lights with Monitor

Triple Ceiling Mount



Dual Ceiling Mount with Camera

DRE Maxx Luxx LED Surgical Lighting System



State-of-the-art technology,
Industry leading value.



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The DRE Maxx Luxx LED features maximum brightness while maintaining a cool touch.

Reduce maintenance cost with long-lasting LED technology.

The DRE Maxx Luxx LED light has an extremely long life at a rated **50,000 hours** versus the average Halogen bulb life of 2,500 hours.

Go Green and maximize the longevity of your surgery lights.

The Maxx Luxx LED is an environmentally friendly option that consumes about 50 percent less energy than similar halogen lighting.

Get the latest advances in state-of-the-art surgery lighting, at an affordable price.

The DRE Maxx Luxx LED light provides exceptional bright light with a lux output of more than 120,000 and a color temperature of 4,300° Kelvin.



Halogen bulb life: 2,500 hours

If used an average of 10 hours a day, halogen lights will require a bulb change every 250 days.



LED rated life: 50,000 hours

Low cost with decreased maintenance and energy consumption.

DRE Maxx Luxx Features

Ultra high efficiency with extremely cool output — lowest possible heat

120,000 lux output at 1 meter

Color temperature of 4,300 degrees Kelvin



Wide range mechanical dimming, **5-stage dimming control** and 9" – 13" light field are both adjusted with sterilizable handle.

Optional Features

HD Video Camera: 1080P High definition, HD-SDI video output, 20x optical zoom and 12x digital zoom, Auto & Manual focus, sterilizable handle, camera mounted on its own independent arm.



Monitor Arm: Provides options for Hi-Def, fiber optic cabling, video source switching, and compatibility with PACS, has sterilizable handle for adjustments in the sterile field. Solo arm or in combination with lights, can be ordered with or without monitor.

