

Surgery lights featuring energy-efficient, green technology



Go *green* with DRE Vision LED surgery lights! Designed for low heat and high efficiency, DRE Vision LED lights consume as little as half the electricity of standard halogen lights – with a virtually cold light output. Each lighthead includes long-life LED bulbs that can last as long as 50,000 hours. Plus, the system features 5-stage dimming and on/off switch control on the patented sterilizable handle.



Vision LED lights produce rich color temperatures and provide excellent shadow reduction

Choose from a variety of configurations



Dual ceiling mount



Portable system



Single wall mount



Single ceiling mount

Technical Specifications

Mechanical

Weight

Head	Approximately 13.5 lbs. (6.1 kg)
Arm	Approximately 12.5 lbs. (5.7 kg)
Arm (Floor)	Approximately 11.5 lbs. (5.2 kg)
Wall Bracket Assy.	Approximately 3.0 lbs. (1.4 kg)
Floor Stand Assy.	Approximately 43.0 lbs. (19.5 kg)
Single Ceiling Mount	Approximately 14.5 lbs. (6.6 kg)
Dual Ceiling Mount	Approximately 16.0 lbs. (7.3 kg)

Dimensions

Head	18" (457 mm) Dia. X 4" High (102 mm)
Arm	57.0" (1,448 mm) Long
Arm (Floor)	38.5" (978 mm) Long
Floor Stand	74.5" (1,892 mm) High

Rotations

Articulating Arm Vertical Movement	+/- 40° travel
Articulating Arm Horizontal Movement	Approximately 345°
Articulating Arm/Yoke Interface	Approximately 540°
Yoke/Lamp Head Interface	Approximately 190°

Electrical

Input Voltage	100 – 240 VAC 50/60 Hz
Power Consumption	Approx 60W max
LED life	50,000 hours (average)

Optical

36 Inner optics + 6 Outer optics	Clear acrylic, multi-source
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Performance

Color temperature	4,300° K
Focal length	39" (1 meter)
Central illuminance (full intensity)	6,000 foot-candles (65,000 Lux)
Dimming – 5 levels	100% 87% 75% 63% 50% of full intensity
	70k 62k 53k 44k 35k Lux
Light field diameter (d10)	Approx 9"
Light field diameter (d50)	Approx 5"
Depth of illumination	Approx 50"
Shadow Dilution	
» Illuminance (one mask)	Approx 2,200 foot-candles
» Illuminance (two masks)	Approx 2,900 foot-candles
» Illuminance (tube with one mask)	Approx 2,200 foot-candles
» Illuminance (tube with two masks)	Approx 2,900 foot-candles
Irradiance	Approx 48.55 W/m ²
CRI	≥85

Environmental

Operating Temperature	41 – 104° F (5 – 40° C)
Storage Temperature Range	41 – 113° F (5 – 45° C)
Humidity	10 – 90% Relative Humidity

Chuttle Track Specifications

Mechanical

Weight

Single Track Assembly	Approximately 44.0 lbs. (20 kg).
Dual Trolley Model	Approximately 48.0 lbs. (22 kg).

Dimensions

Track (standard)	72" (1,829 mm) long X 10 ½" wide (267 mm) X 5" (127 mm) high
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Electrical

Power cable exiting the track can be connected to 100-240VAC, 50/60 Hz power. The power supply routed to the track must be a 3 wire grounded type capable of supplying:

Single Trolley

» Single Ceiling	60 W @ 1A
» Double Ceiling	120 W @ 2A

Dual Trolley

» 2x Single Ceiling	120 W @ 2A
» 2x Double Ceiling	240 W @ 4A
» 1x Single, 1x Double	180 W @ 3A

NOTE: Refer to Model/Serial label located on the arm assembly that will be mounted to the track for proper voltage supply.

Specifications subject to change without notice.

