

Luxline 1160A LED Surgical Light

With Battery, Mobile

Ref: M1A 500 0 0

Technical Details

Luminous power (1m distance): 160.000 lux

Light intensity: Adjustable in 10 levels by membrane control panel and adjustable 5 levels by touchless infrared sensor

Light source: LED

LED life time: 50.000 h

Number of Led: 84 (except endo mode leds)

The optical design that helpful for shadowless lighting: The optical design, which provides lighting in the desired area by using 84 different LED light sources spread over the lamp head surface, helps shadowless lighting.

Endo mode: 4 each green leds

Light head diameter: 710 mm

Light head hanging arm: Rotates 360°

Light head: Rotates 270°

Spring arm: 910 mm length, Right 70°, Left 70°, 50° downward, 45° upward, 1180 mm ±20 mm action distance

Action radius: 860 mm

Color temperature: 4000K ±250, 4500K ±250, 5000K ±250

Color rendering index (CRI) Ra: ≥95 (4000K)

Color rendering index (CRI) R9: ≥90 ± %5 (4000K)

Light field diameter (1m distance): 180 - 250 mm

Illuminance field diameter L1+L2 (20%): 1200 mm

Light head energy consumption: 70 W

System maximum energy consumption: 450 W

Power/generator input: 220-240 V, 50/60 Hz, Automatic switch over from main supply to battery operating

Recharging time (after total discharge): 15-18 h

Battery type: 2 each, DC 12 V, 12 Ah, maintenance free, lead acid battery

Lighting time with full batter: 3 h

Linear air flow (Laminar flow): It is designed in an ergonomic structure which minimizes turbulence and is fully compatible with the linear air flow system

Packing Details

Spring arm: 55 x 185 x 920 mm, 5,5 kg

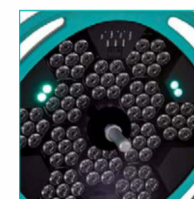
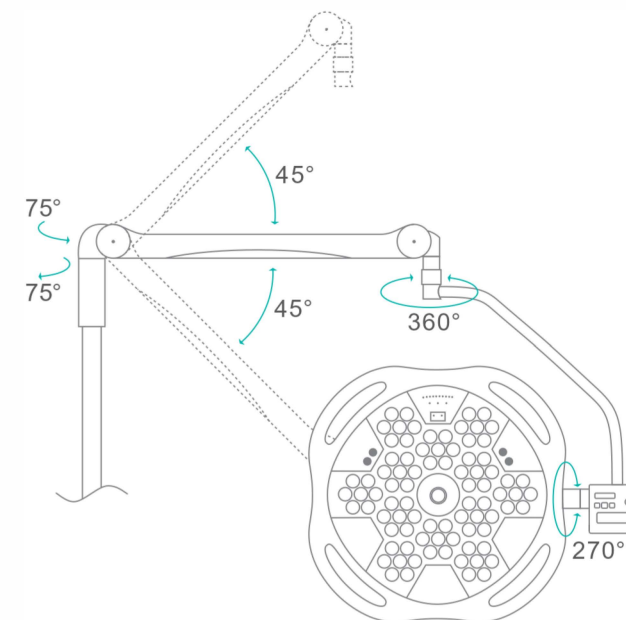
Upper and lower pipe: 1100 x 80 x 60 mm, 4,5 kg

Light head: 1100 x 1100 x 275 mm, 16 kg

Power base: 630 x 630 x 950 mm, 76,5 kg



Control Panel



Endo mode



Membrane control panel



Adjustable light intensity with touchless infrared sensor