

## Ceiling LED Operating Light Model TR2013-620/620

The 360 range of circular provides for an easy full range of motion.

Unique trans-electricity design makes our operating of lamps safe and easy to manipulate.

The dimmer system utilizes the advanced single-chip technology which allows for easy manipulation to meet the user's needs for illumination.

The streamline lamp is designed according to the dynamics of its atmosphere to provide a sterile operating environment.

The light output has been optimized at 4,500K to ensure color clarity of surgical light.

The lamp is equipped with LED bulb that have over 50,000 hours effective working life. And extremely save the hospitals maintenance cost.



Operation Light, double head with LED technology

- Ceiling mounted O.T Light with LED (Light emitting Diode) lamps
- Flat compact dynamical surgical light based on LED
- Comprising of one main light and one satellite
- Independent height adjustment
- Both the light arms can be rotated in all direction (360° rotation)
- Sterilizable handle should be center of the light head
- The Illumination can be adjustable in a range of 40% to 100%
- System should be shadow less and cool light illumination
- Recharge built-in Battery back up for minimum 2 hours after main failure

### Technical Data

1. Luminance:  $\geq 140000\text{Lux}$   $\geq 140000\text{Lux}$
2. Color temperature range:  $4500 \pm 500\text{K}$
3. Spot diameter:  $150 \sim 300\text{mm}$
4. Illumination depth:  $\geq 900\text{mm}$
5. Total irradiance:  $\leq 1000\text{W/m}$
6. Temperature at surgeon's head:  $\leq 1^\circ$
7. Power supply:  $\sim 220\text{V}$  50Hz
8. Input power: 400VA
9. Color indication index:  $\geq 97\%$
10. Bulb life:  $\geq 50000\text{h}$
11. Six-dimensional joint:  $360^\circ$
12. Lowest height of installation: 2600mm