

TECHNICAL SPECIFICATIONS
LED O.T. LIGHT CEILING – Single Dome

1. Ceiling mountable O.T. Light. Dome Light Head should consist of Three Modules and Each Module should have 12 LEDs with different Color Temperature. Revolving outer handles at the light head should be provided to allow for sterile position.
2. Sterile positioning an ergonomic, exchangeable and centrally positioned sterile handle within the light head should be provided.
3. Light Head should be made of Aluminium.
4. LED Technology providing illumination close to natural light & ensure clear visibility of tissues and deeper cavities of body. The colour temp. and colour rendering should be close to average daylight, the surgeon should see the real colour of the tissue & organ during operation.
5. The Life of LED should be minimum 50,000 working hours.
6. The Intensity of Light should be 1,20,000 Lux.
7. There should be control Panel situated on the dome.
8. Light Head should be very sleek and height of the petals should not be more than 40 mm.
9. **Control Panel Functions:-**
 - On – Off Switch
 - Intensity adjustable Control
 - Adjustable Color Temperature.
10. **Technical Data: -**
 - Light Intensity : 1,20,000 Lux
 - Movements should be unrestricted radial turning.
 - No. of LED's should be 36
 - Colour Temp Variable (3800 K – 5000 K)
11. **Power Supply:** Power input; 220-240V/50 Hz AC single phase power supply.
12. **Standards & Safety :**
 - Product should be European CE / US FDA certified & manufacturer should be ISO 13485 certified. (Valid documentation should be submitted in technical bid).
 - Completely comply with safety requirement of IEC 60601-1-1 and IEC 60601-1-2-41. (Documentation should be submitted in technical bid).
13. **Guarantee:** Three years on equipment from the date of installation.
14. **CMC:** CMC will be given @ 5 % (of net rate - inclusive of Excise Duty & exclusive of VAT / CST etc.) plus service tax (as applicable) and yearly escalation of 5 % on last year's CMC price. The CMC may be awarded for five years (on yearly basis) after completion of Guarantee period of three years.
15. The company should submit technical compliance sheet as per technical specifications mentioning the make & model of quoted item along with catalogue in the Technical bid .
16. Installation will be done by supplier free of cost.
17. The service engineer should be based in Rajasthan.
18. Technical approval after sample demonstration. (if required).


Executive Director (EPM)

Rajasthan Medical Services Corporation Ltd

Jaipur