



Exceptional Technology
for Life Care

Why LED?

Light-Emitting Diodes (LEDs) are becoming more common for illumination in energy saving environments. Compared to conventional halogen lamps, LEDs have a wide range of technological, economical and environmental advantage with, low heat generation, minimal power consumption and virtually unlimited life.

The multi-lens matrix arrangement produces powerful and homogeneous light at the surface and in depth, with no stray lights. So, the entire surgical site is clearly visible under homogeneous pattern of illumination of the emitted light, which is a 100% shadow-free light on the surface and in deep cavities with a light intensity up to 160,000 lux and more.

- Clear tissue visualization : Optimized with LEDs to cover the entire visible color spectrum
- Excellent low heat management : Prevents tissue dehydration and infection.

Sims Prime (51 LED)



Spot Dia 15 -18 cm
Luminous power 1,40,000 Lux ($\pm 10\%$)
Variable Colour Temperature (CRI 72-94%)
Brightness Control
Penetration depth 12 inch
Auto Focus

Sims Prime (60 LED)



Spot Dia 15 -18 cm
Luminous power 1,60,000 Lux ($\pm 10\%$)
Variable Colour Temperature (CRI 72-94%)
Brightness Control
Penetration depth 12 inch
Central Focusing

Sims Prime 4-89 (with 3 wings)



Light column 42 inch
Luminous power 1,60,000 Lux ($\pm 10\%$)
Variable Colour Temperature
Available with memory function
Brightness Control
Penetration depth 12-15 inch
Auto Focus



Stable And Reliable

- Large number of LED.
- Superior Shadow Reduction
The matrix arrangement of optics remove shadow to keep the surgical site clearly illuminated while maintaining a large depth of field

LED Spectrum and light temp Low Irradiance

- LED provides no infrared and UV light
- 41" Column of Light
Large spot size and depth of field provides a large column of light, decreasing the need to adjust the light during a procedure

Sims Prima 30R

Prima 30R is an absolute product of fineness, using the superior "LED Technology" With LED Matrix Technology, to give shadow free lighting.

Main feature:-

- With battery back up more than 2 hrs
- With electrical charging system
- Intensity control and on/off at control panel on Dome
- Heat absorbing glass filter and sink available
- Movement of dome done by sterilizable handle mounted on dome
- Shadow less lighting

Technical specification:

- | | | |
|--|----|-----------------------------------|
| 1. Foculardiameter | : | 180-230mm |
| 2. Lightintensity | : | 83,000 Lux--- 1,88,000Lux or more |
| 3. Lightsourcetype | : | LED (with 50000 hrslife) |
| 4. Lamphousing | : | Fibre or aluminum |
| 5. Domesize | : | 700MM |
| 6. Colorradiantindex | : | 96% |
| 7. Illuminationdepth | : | L1 > 70mm |
| 8. Radiations | : | Zero IR and Zero UVRadiation |
| 9. Lightfieldadjustment | : | Freely |
| 10. Colortemp.(K) | :- | 5000(10%tolerance) |
| 11. Domedesign | : | Parabolic with aluminumreflector |
| 12. Handle | : | SterilizableHandle |
| 13. Lightintensitydistance | : | 1meter (1,88,000 lux) or more |
| 14. LightBody Rotate | : | 180degree around light arm |
| 15. Balance arm rotate up/down: | : | up 40deg and down 40 deg |
| 16. Max head ht | : | 2mtr |
| 17. Min. head ht | : | 1 mtrOur other models |
| 18. Straight ht | : | 2.23 |
| 19. Light arm rotation around the balance | : | -360° |
| 20. Closed system with smooth surface that can be sterilized by cleaning | : | |
| 21. LED mounted on sink aluminum reflector | : | |
| 22. Battery backup more than 2 hrs, with electrical charging system. | : | |
| 23. No of led | : | 24 or more |
| 24. Luminous efficiency | : | 130/W |

Accessories with light

- 1.Extra handle
- 2.Service Manual

Optional items

1. Extra LED"s
2. Extra battery backup



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OUR PROFILE

We as "SOFT IMAGING & MEDICAL SOLUTION" Engaged in manufacturing & Export of LED OT LIGHTS, O.T Tables, LED Phototherapy, Video colposcope etc., with No. of variants that can suit every Budget, Nursing home, a big "SUPER SPECIALITY HOSPITALS".

Since our establishment in year 2005 with a focus to be a global supplier we have introduced a large number of Medical products with best quality and at very affordable prices. Thus the company is continuously achieving new heights everyday with out increasing satisfied customer at national & international level.

Our channel partners in India and across the globe are our extended arms & believes on same policy that "Quality of Service would speak for us". Thus great emphasis has been laid to achieve this goal and to prove our vision "To emerge as a complete medical solution provider from India".



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