

Luminox Standard Plus Series

The latest addition to the Luminox Series, LUMINOX STANDARD PLUS light is the next generation OT light with multiple non-planar Multi-coloured LED clusters and centre illumination. It is the most optically advanced Shadowless LED OT lights system launched by Prism yet.

Recommended as major Surgical Luminaire

- All General surgeries
- Ortho / Gynaec / Neuro procedures
- Multispecialty hospitals
- Modular OTs

Miscellaneous Features

- Optically enhanced non planar LED mounting results in better shadow less effect and a narrow-focussed light beam with minimum consumption of power
- Luminox Standard Plus lights are provided with centre illumination, thus giving superior illumination for deep cavity penetration
- Horizontal extension arm and C-shaped support arm for dome provides 'Lock-Free' 360 degrees rotations
- Lamp head is sealed using scratch-proof polycarbonate clear glass- Easy to clean or disinfect
- High Efficiency LEDs and thoughtful designing of Aluminium heat sink ensures negligible heat dissipation
- Recommended for all types of Surgeries- Ortho / Gynac / Neuro / General as Major Surgical luminaire
- Laminar Flow Compatible OT Light system

Technical Specifications

SPECIFICATION / FEATURE	Standard Plus Dome	Plus Dome
Central Illuminance	1,25,000 LUX at 1m(max)	1,25,000 LUX at 1m(max)
LED Type	Multi-colored	Multi-colored
LED Life	50,000 hours	50,000 hours
Colour Temperature	3700 – 5500 K	4300 K
Full Spectrum CRI	95 Ra	92 Ra
R9 factor – Redness coefficient	93	92
Light Head Diameter	700 mm	700 mm
Dimming Range	10% - 100% LUX	10% - 100% LUX
Depth of Illumination	60 cm + 60 cm	55 cm + 55 cm
Light Field Diameter	150 mm -300 mm	160 mm -200 mm
Increase in Temp. near Surgeons Head Area	Less than 2 Degree	Less than 2 Degree
No. of Overlapping light beams	>600	>600
Safety	PFA , MOSET protection	PFA , MOSET protection

Optional Accessories

- RF Remote / Wall control panel
- Extra arm for Monitor
- Extra arm for Camera
- Dual suspension spring arm system

ISO Specifications

1. ISO 13485:2003 - Quality management systems of Device
2. ISO 9001:2008 - Quality management systems of Company

CE Certifications

1. ICE 60601-1-1-Electrical Safety General requirements
2. ICE 60601-1-2-Electro Magnetic Compatibility (EMC)
3. ICE 60601-2-41-Basic safety and essential performance of Surgical Luminaries
4. ICE 60601-1-6 - Collateral standard - Usability (*60601-2-41)
5. ICE / EN 60598, ICE / EN 62031, ICE / EN 61347, ICE / EN 55015 / A2:2009, EN 61547 / A1:2000, EN 61000-3-2/2006 / A2:2009, EN 61000-3-3:2008

** Subject to standard electrical operating conditions of mains supply 230 Volts AC. Also, the life span and performance of product is subject to complete periodic maintenance and service by authorised personnel



ISO
9001-2008

ISO
13485-2003



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