

Germans call it
Blitz
We call it
**Pure Natural
Surgical Light**



Lumens Medical Pvt. Ltd.™
Life Enhancing Technology

Blitz Series Hi Depth Surgical Illumination Systems

POWERED BY HIGH DEPTH LED'S

"**Blitz L6 Twin Dome**" is a High depth Surgical illumination System with total shadow dilution. The low glare illumination with high depth enables Surgeon to do complicated & time consuming Surgeries without any Eye strain.



Model: **Blitz L6 Twin Dome**

Key features:

- Focus adjustment available
- Colour Temperature 3500 - 5500 K
- Intensity Adjustment 10% - 100%
- CRI >96-99
- Display clear LCD Screen
- LED Life 60,000 Hours



SPECIFICATIONS

- Led surgical lights illuminate the surgical site for optical visualizing of small low contrast objects at verifying depths incisions and body cavities.
- The light adopt led technologies to create a homogenous light patch without emitting any infrared rays.
- The light systems are double light heads, one major and one satellite.
- Light have optical focusing by rotating the sterile handle.
- There are no Outer handles around the light domes in order to maintain hygiene inside the OTs.
- Lights have 4 colour LED lamps, white, yellow, green & red to achieve high CRI.
- Pulse width modulation-controlled driving to ensure less heating of led which increases.
- The control panel is a touch screen.
- Green Light for endoscopy mode.
- Light intensity is adjustable in 10 steps between 10% - 100% and has low intensity endoscopy mode.
- Light intensity and colour temperature is controlled from light dome control panel, wall mount control panel. The sterile handle has adjustment control for light intensity and light field diameter for ease of control.
- The light head has a shape to avoid obstruction to laminar flow on surgical field.
- The light is mountable to ceiling from single center with 360-degree rotation of all arms, spring arms are rotatable 360 degree around its own axis. each light head is rotatable with 360 degree at connecting joint with spring arm to facilitate unobstructed operating field coverage.
- Body of light dome is aluminum & all LEDs are directly mounted on aluminum body which is exposed to room temperature for proper cooling of led for prolong working.
- The surgical light is complete with all components for ceiling mount and electrical feed-in including finalized installation
- NO of LEDs can be 50 – 60 above for create a homogenous light patch and optical visualizing of small low contrast objects at verifying depths incisions and body cavities
- Central illuminance is 160000 lux & 160000 lux for both domes
- LED life is 60,000 hours. No LED usage counter, The life of the LED is calculated as per their capacity of light emitting after a certain hour of operation.
- Light Filed Diameter is adjustable from 14 cm to 32 cm.
- Color temperature is variable from 3500-5000k. Variable color temperature (k) adjustable in 5 stages (3200 K, 3800 K, 4400 K, 5000 K, 5600 K)
- Average Color rendering index Ra - 99. Color rendering index 96 or more and R9 is 98 or more. Color rendering index R13 – 99.
- Depth Of illumination: Depth of illumination L1+L2 (60%/ 20%) is 750 - 1300 mm or better.
- Power supply is 100-240v ac, 50-60hz c standard
- If one Led fails entire cluster need not required to be replaced. so replacement of each Led is possible.
- Quoted model is European CE and ISO 13485 certified.
- Compliance with IEC 60601-1, IEC 60601-2, IEC 60601-2-41. All test reports are issued by NABL Labs
- Equipment demo is arranged at any Teaching Hospitals of AP nearer to vendor
- Warranty period 3 years from the date of Installation.
- Note: Prices for all accessories and consumables are quoted separately, with item-wise breakup, and remain valid during the warranty and CMC period.
- Quoted product is certified with IEC 60601-1, IEC 60601-2, and IEC 60601-2-41 for proof of protection against excessive temperature and other hazards, including maximum temperature limits. These reports are considered as references for temperature dissipation results.
- The light have the features to upgrade any one of the dome with a wireless 4K camera in future. For visualization of the surgical procedure the light system is upgradable with a 4K video camera system in future.



**MADE IN INDIA
FOR THE WORLD**



Lumens Medical Pvt. Ltd.

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An ISO Certified, ISO-13485, CE, IEC 60601-1, IEC 60601-1-2, CDSCO CLASS A&B
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