



LED SURGICAL OT LIGHTS



MEDITECH (INDIA)[®]
Creating Your Lifeline



FEATURES

- The operating light designed for the use in high demanding surgical procedures.
- Light head is resistant to disinfectant, easy to clean.
- State of the art LED Bulbs used to ensure low energy consumption and long service life.
- Simple mechanical focusing handle can be removed and sterilized.
- Offer the highest possible hygiene during surgery through touch free adjustment for:
 - Intensity
 - On / Off
- Ensure effortless movement inside calibrated arms ambient light for minimally invasive surgery.
- Micro computer digital control with shifts luminance 10%-100% for selection.
- Excellent day light quality.
- Flexible and stable balance arms suspension system for height and angle.
- High light intensity across the full illuminated area for uniform vision.
- Allows for optimum illumination of the surgical field.

TECHNICAL DATA

Light Intensity @ 1 m	2,40,000 Lux
Number of LED's	72+72
Life-Span of LED's	50000 hrs.
Focus Dia	15-25 cm
Light Head Size	60 cm
Depth of Illumination	110 cm
Color Rendering Index Ra (1)	92
Color Temperature	4300K
Illuminating Adjustment	10% - 100%
Height Adjustment	120 cm
Total Power Consumption	60 W
Focusing	Adjustable
Power Supply	160 V - 240 V DC, 50 Hz
Control Unit	SMPS

500+400

500+300

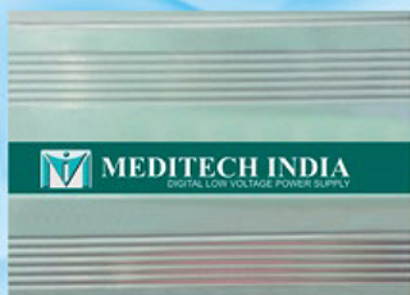
400+300



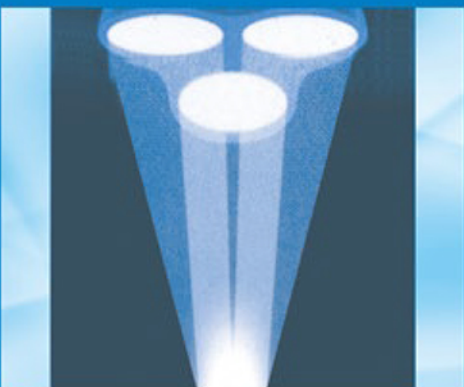
TECHNICAL DATA

MODEL	Z 500 + Z 400	Z 500 + Z 300	Z 400 + Z 300
Light Intensity @ 1 m	150000 Lux + 120000 Lux	150000 Lux + 100000 Lux	120000 Lux + 100000 Lux
Number of LED's	90 + 72	90 + 54	72 + 54
Life-Span of LED's	50000 hrs.	50000 hrs.	50000 hrs.
Focus Dia	15-25 cm	15-25 cm	15-25 cm
Light Head Size	62.5 cm + 60 cm	62.5 cm + 52.5 cm	60 cm + 52.5 cm
Depth of Illumination	120 cm	110 cm	110 cm
Color Rendering Index Ra (1)	92	92	92
Color Temperature	4300K	4300K	4300K
Illuminating Adjustment	10% - 100%	10% - 100%	10% - 100%
Height Adjustment	120 cm	120 cm	120 cm
Total Power Consumption	50 W + 40 W	50 W + 30 W	40 W + 30 W
Focusing	Adjustable	Adjustable	Adjustable
Power Supply	160 V – 240 V DC, 50 Hz	160 V – 240 V DC, 50 Hz	160 V – 240 V DC, 50 Hz
Control Unit	SMPS	SMPS	SMPS

The above configuration of all LED OT lights can be customized as per customer's requirement.



DIGITAL SMPS



FOCUS SYSTEM



AERODYNAMIC & LAMINAR FLOW COMPATIBLE



MEDITECH INDIA®

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XAVIER Med Pvt. Ltd.

1-10-51/2, Road 6B, Dwarakapuram,
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