



LED SURGICAL OT LIGHTS



Kiran TECHNO SERVICES
PRIVATE LIMITED





FEATURES

- The operating light designed for the use in high demanding surgical procedures.
- Light head is designed with smooth transition and surface to ensure fast and effective cleaning.
- State of the art LED Bulbs used to ensure low energy consumption and long service life.
- Revolving outer handle at the light head provide to allow focusing.
- The light have feather touch control panel on the light suspension for adjustment of light intensity, on/off.
- Precise positioning at all points of articulation without drift.
- Ensure effortless movement inside calibrated arms ambient light for minimally invasive surgery.
- Micro computer digital control with shifts luminance 10%-100% for selection.
- Homogenous light in the operating field with minimum shadow.
- Flexible and stable balance arms suspension system for height and angle.
- Optimized air flow design for better hygiene.

TECHNICAL DATA

Light Intensity @ 1 m	3,00,000 Lux
Number of LED's	90+90
Life-Span of LED's	50000 hrs.
Focus Dia	15-25 cm
Light Head Size	62.5 cm
Depth of Illumination	120 cm
Color Rendering Index Ra (1)	92
Color Temperature	4300K
Illuminating Adjustment	10% - 100%
Height Adjustment	120 cm
Total Power Consumption	80 W
Focusing	Adjustable
Power Supply	160 V - 240 V DC, 50 Hz
Control Unit	SMPS



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



FEATURES

- The operating light designed for the use in high demanding surgical procedures.
- State of the art LED Bulbs used to ensure low energy consumption and long service life.
- Light head is resistant to disinfectant, easy to clean.
- Digital controller with LCD display for showing all important parameter like intensity, on/off.
- Excellent day light quality and CRI.
- Micro computer digital control with shifts luminance 10%-100% for selection.
- Precise positioning at all points of articulation without drift.
- Flexible and stable balance arms suspension system for height and angle.
- Ability to adjust the focus dia by sterilize handle.
- High light intensity across the full illuminated area for uniform vision & exceptionally deep cavity.

TECHNICAL DATA

Light Intensity @ 1 m	2,00,000 Lux
Number of LED's	54+54
Life-Span of LED's	50000 hrs.
Focus Dia	15-20 cm
Light Head Size	52.5 cm
Depth of Illumination	100 cm
Color Rendering Index Ra (1)	92
Color Temperature	4300K
Illuminating Adjustment	10% - 100%
Height Adjustment	120 cm
Total Power Consumption	50 W
Focusing	Adjustable
Power Supply	160 V - 240 V DC, 50 Hz
Control Unit	SMPS



TECHNICAL DATA

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



TECHNICAL DATA

	Z 400/Z 400M
Light Intensity @ 1 m	120000 Lux
Number of LED's	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	40 W
Focusing	Adjustable
Power Supply	160 V - 240 V DC, 50 Hz
Control Unit	SMPS





TECHNICAL DATA

	Z 300/Z 300M
Light Intensity @ 1 m	1,00,000 Lux
Number of LED's	54
Life-Span of LED's	50,000 hrs.
Focus Dia	15-20 cm
Light Head Size	52.5 cm
Depth of Illumination	100 cm
Color Rendering Index Ra (1)	92
Color Temperature	4300K
Illuminating Adjustment	10% - 100%
Height Adjustment	120 cm
Total Power Consumption	30 W
Focusing	Adjustable
Power Supply	160 V - 240 V DC, 50 Hz
Control Unit	SMPS

500+400

500+300

400+300



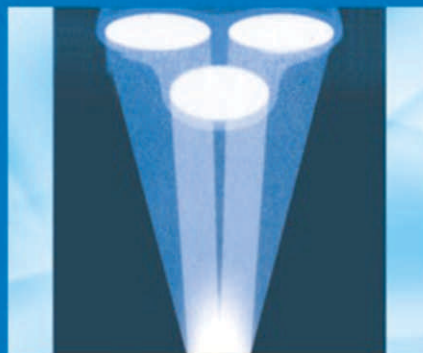
TECHNICAL DATA

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



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