

Beatrix Medical™

Smart Technology for OT lights



Illuminating Lives...



A trademark of **Standard Surgical Corp**

LUMINOX ECO PRO

Technical Specifications*

	PRINCIPAL DOME	SATELLITE DOME
Central illuminance (at 1m distance)	1,60,000 lux	1,60,000 lux
Light field diameter (at 1m distance)	150 mm - 300 mm	150 mm - 300 mm
Depth of illuminance (20%)	1,200 mm	1,200 mm
Correlated color temperature	3,500 K - 5,000 K	3,500 K - 5,000 K
Color rendering index (Ra)	Up to 93	Up to 93
Dimming Range	0-100% (10 Step)	0-100% (10 Step)
Light head diameter	650 mm	650 mm
Service life of bulb	50,000 hrs	50,000 hrs
Bulb power consumption	50 W	50 W
Power supply	220-240 VAC, 50Hz	220-240 VAC, 50Hz
Battery Backup	1 hr	1 hr

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For more information, pls contact:



Standard Surgical Corp
Near New DMC Hospital,
Civil Lines, Ludhiana, Punjab

ISO 9001:2015	ISO 13485:2016
CE and US FDA Certified	
IEC 60601-1 Medical electrical equipment Part 1: General requirements for safety and essential performance	
IEC 60601-1-2 Medical electrical equipment Part 1-2: Collateral standard Electromagnetic compatibility - Requirements and test	
IEC 60601-2-41 Basic safety and essential performance of Surgical luminaires and luminaires for diagnosis	
IEC 60601-1-6 Collateral standard- Usability	



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Technical Specifications*

IRIS 700

	PRINCIPAL DOME	SATELLITE DOME
Central illuminance (at 1m distance)	1,60,000 lux	1,60,000 lux
Light field diameter (at 1m distance)	195-300 mm	195-300 mm
Depth of illuminance(L1 + L2)	1,200 mm	1,200 mm
Correlated color temperature	4,350 K / 3700K-5700K	4,350 K / 3700K-5700K
Color rendering index	95	95
Radiant energy	1mW/(m2.lux)	1mW/(m2.lux)
Ambient illumination	8,000 lux	8,000 lux
Service life of bulb	50,000 h	50,000 h
Bulb power consumption	85 W	85 W
Power supply	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz
Number of LED bulbs	36	36
Dimming range	5-100%	5-100%
Light head dimension	600 mm	600 mm
Carrier-arm Camera	Optional	Optional

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For more information, pls contact:

Camera Specifications

Image sensor	1/3-type CMOS (Progressive Scan)
Effective number of pixels	Approx. 4,080,000 pixels (4mp)
Signal system(HD)	1080p/50, 720p/50
White balance	Auto
Exposure	Auto / Manual
Shutter speed	1/1 to 1/10,000 sec
Focusing system	Auto / Manual / One touch



Standard Surgical Corp
Near New DMC Hospital,
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Optional Accessories



Standard
Monitor Arm



Advanced
Monitor Arm



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IRIS 700
TRIPLE DOME

**Designed for
CARDIAC SURGERY**



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IRIS 700 Triple Dome

Technical Specifications*

	PRINCIPAL DOME	SATELLITE DOME 1	SATELLITE DOME 2
Central illuminance (at 1m distance)	1,60,000 lux	1,60,000 lux	1,60,000 lux
Light field diameter (at 1m distance)	195-300 mm	195-300 mm	195-300 mm
Depth of illuminance(L1 + L2)	1,200 mm	1,200 mm	1,200 mm
Correlated color temperature	4,350 K / 3700K-5700K	4,350 K / 3700K-5700K	4,350 K / 3700K-5700K
Color rendering index	95	95	95
Radiant energy	1mW/(m2.lux)	1mW/(m2.lux)	1mW/(m2.lux)
Ambient illumination	8,000 lux	8,000 lux	8,000 lux
Service life of bulb	50,000 h	50,000 h	50,000 h
Bulb power consumption	85 W	85 W	85 W
Power supply	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz
Number of LED bulbs	36	36	36
Dimming range	5-100%	5-100%	5-100%
Light head dimension	600 mm	600 mm	600 mm
Carrier-arm Camera	Optional	Optional	Optional

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Camera Specifications

Image sensor	1/3-type CMOS (Progressive Scan)
Effective number of pixels	Approx. 4,080,000 pixels (4mp)
Signal system(HD)	1080p/50, 720p/50
White balance	Auto
Exposure	Auto / Manual
Shutter speed	1/1 to 1/10,000 sec
Focusing system	Auto / Manual / One touch

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Optional Accessories



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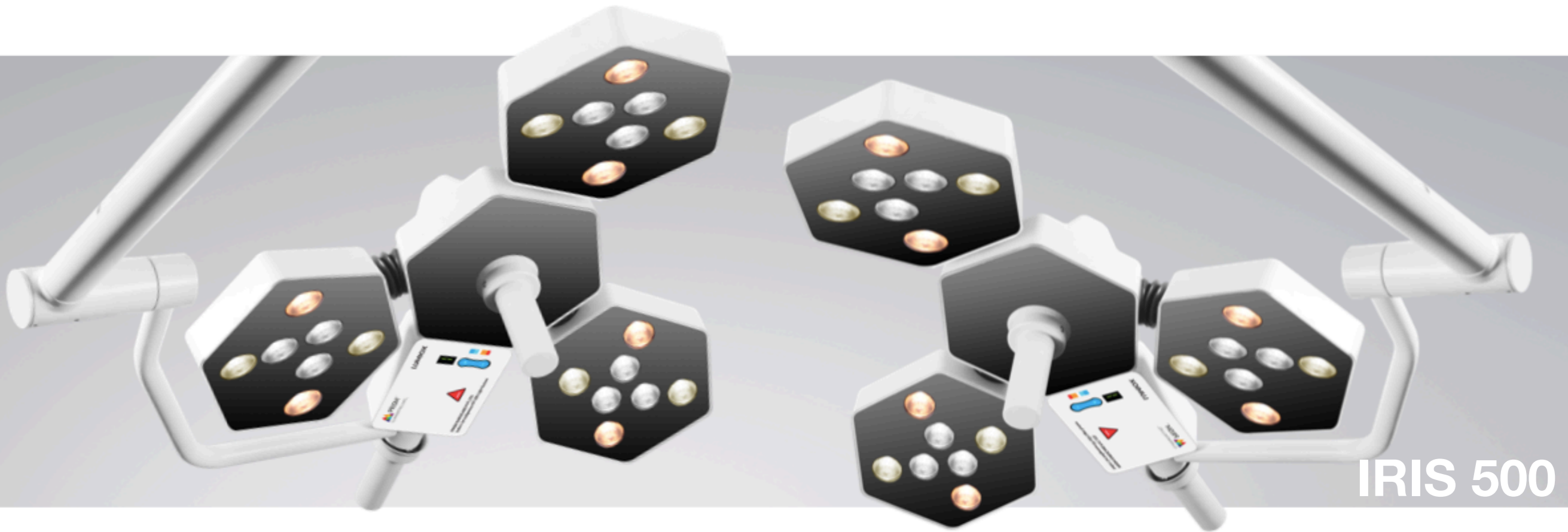
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IRIS 500



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IRIS 500

Technical Specifications*

	PRINCIPAL DOME	PRINCIPAL DOME
Central illuminance (at 1m distance)	1,40,000 lux	1,40,000 lux
Light field diameter (at 1m distance)	240-300 mm	240-300 mm
Depth of illuminance(L1 + L2)	1,200 mm	1,200 mm
Correlated color temperature	4,350 K / 3700K-5700K	4,350 K / 3700K-5700K
Color rendering index	95	95
Service life of bulb	50,000 h	50,000 h
Bulb power consumption	60 W	60 W
Power supply	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz
Number of LED bulbs	21	21
Dimming range	5-100%	5-100%
Light head dimension	600 mm	600 mm
Carrier-arm Camera	Optional	Optional
Increase in Temp. near Surgeon's Head Area	< 1°C	< 1°C
Safety	MOSFET/PFA/OV	MOSFET/PFA/OV

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Camera Specifications

Image sensor	1/3-type CMOS (Progressive Scan)
Effective number of pixels	Approx. 4,080,000 pixels (4mp)
Signal system(HD)	1080p/50, 720p/50
White balance	Auto
Exposure	Auto / Manual
Shutter speed	1/1 to 1/10,000 sec
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Optional Accessories



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Advanced
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IRIS 300 Dual Dome



IRIS 300

Double Dome

Technical Specifications*

	PRINCIPAL DOME	SATELLITE DOME
Central illuminance (at 1m distance)	1,60,000 lux	1,60,000 lux
Light field diameter (at 1m distance)	200 mm - 300 mm	200 mm - 300 mm
Depth of illuminance (20%)	1,200 mm	1,200 mm
Correlated color temperature	4,300 K	4,300 K
Light head diameter	650 mm	650 mm
Service life of bulb	50,000 hrs	50,000 hrs
Bulb power consumption	50 W	50 W
Power supply	230 -240 V 60Hz	230 -240 V 60Hz
Dimming range	10% - 100%	10% - 100%

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