

# 2006 BURTON COMPETITIVE MATRIX

## OUTPATIENT SURGERY & DIAGNOSTIC LIGHTS



### AIM-100™

- Bright light
- Adjustable light pattern
- High CRI of 97
- Extremely smooth focus
- Extension arm/articulating arm are same length for positioning ease
- Made in USA
- New Extended 5-year Warranty
- UL 60601-1/60601-2-41 Certified



### OUTPATIENT® II

- Competitively-priced, focusable light
- Produces large beam of light
- Shadow-free design
- Bulbs wired in parallel to assure continuous operation
- Friction knob to assure no-drift operation
- Made in USA
- New Extended 5-year Warranty
- UL 60601-1/60601-2-41 Certified



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## COMPETITIVE DATA COMPARISON CHART

	FLOOD-TYPE*		FLOOD-TYPE*			
	BURTON AIM-100™	BURTON OUTPATIENT® II	Steris Amsco Examiner 10	Midmark Ritter 355	Medical Illumination Centurion /Centurion Excel	Maquet BLUELINE 30
<b>Maximum Intensity<sup>1</sup></b> @ 1 meter	63,000 Lux; 5800 fc	N/A	34,700 Lux; 3200 fc <sup>3</sup>	< 43,000 Lux; 4000 fc <sup>4</sup>	43,000 Lux; 4000 fc <sup>5</sup> / 64,500 Lux; 6000 fc	30,000 Lux; 2778 fc
@ 24"	160,000 Lux; 14,800 fc	86,000 Lux; 8000 fc	N/A	66,700 Lux; 6200 fc	N/A	N/A
<b>Color Temperature</b>	3700° K	3300° K	4400° K	3200° K	4000° K	4300° K
<b>Diameter of Lighthead</b>	20" (51 cm)	17" (43 cm)	10" (25 cm)	17" (43 cm)	15" (41 cm) /16" (46 cm)	13" (33 cm)
<b>CRI</b>	97	94	N/A	N/A	N/A	93
<b>Focusability/Spot Control<sup>2</sup></b>	<b>ADJUSTABLE</b>	<b>ADJUSTABLE</b>	<b>FIXED</b>	<b>FIXED</b>	<b>FIXED</b>	<b>FIXED</b>
<b>Spot Size</b>	9.6-12" (25-31 cm) @ 1 meter	8-9" (20-23 cm)	N/A	8" (20 cm)	6" (15 cm)	6.75" (17 cm)
<b>Number of Bulbs</b>	3	3	1	1	1	1
<b>Total Power (Watts)</b>	116	150	150	100	90	50
<b>Bulb Type</b>	Quartz-Halogen	Quartz-Halogen	Quartz-Halogen	Quartz-Halogen	Tungsten-Halogen	Halogen
<b>Bulb Life (Hrs)</b>	2000	5600	500	1000	2000	N/A
<b>Rotation Around Drop Tube &amp; Extension Arm</b>	360° + <b>Unlimited</b>	340°	360°	540° (i.e., 1 1/2 x rotation with STOP)	540° (i.e., 1 1/2 x rotation with STOP)	360°
<b>Warranty</b>	5 years	5 years	1 year	1 year	3 years	1 year



N/A: Published data not available/unable to locate.  
 Note: The optical data are nominal values based on measurements calculated according to UL/IEC performance standards.

1: Or manufacturer recommended distance (Centurian measured at 36" and Centurian Excel measured at 1 meter.)

2: Focusability is key: It allows the end user to adjust intensity and spot size at every operational distance. With a prefocused light, maximum intensity occurs at the focal point and intensity may be poor at other distances.

3: Measured at 42" (107 cm)

4: Measured at 36" (91 cm)

5: Measured at 36" (91 cm)

Competitive data obtained through manufacturer website/representative.

# 2006 BURTON COMPETITIVE MATRIX

## SURGICAL LIGHTS ( $\geq 100,000$ Lux)



### GENIE™ II

- Extremely Bright
- Compact lighthead – ideal for smaller surgical suites
- Exceptionally smooth focus
- Patented optics to ensure surgical light quality
- Durable arm system recognized for trouble-free operation
- Made in USA
- New Extended 5-year warranty
- UL 60601-1/60601-2-41 Certified



Luxo Medical Products

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## COMPETITIVE DATA COMPARISON CHART

	BURTON GENIE™ II	Maquet ALM PRX 4000 Series	Berchtold D 540	Skytron ST 23	Skytron Millennium (ML)	Steris Harmony LC 500
Intensity @ 1 Meter	130,000 Lux 12,000 fc	100,000 Lux 9300 fc	145,000 Lux 13,426 fc	129,170 Lux 12,000 fc	118,404 Lux 11,000 fc	145,000 Lux 13,000 fc
Color Temperature	4200° K	3500° K	4300° K	4000° K	4000° K	4400° K
Diameter of Lighthead	22" (56 cm)	20" (51 cm)	21" (53 cm)	23" (58 cm)	24" (61 cm)	20" (51 cm)
CRI	95	95	93	93	95	94
Arm Rotation	360° (Unlimited)	360° (Unlimited)	360° (Unlimited)	360° (Unlimited)	360° (Unlimited)	360° (Unlimited)
Spot Size	8-10" (20-25 cm)	5.5-6.7" (14-17 cm)	6.7-11" (17-28 cm)	6-8" (15-20 cm)	8-13" (20-33 cm)	6-11" (15-28 cm)
Focusability	<b>ADJUSTABLE</b>	<b>ADJUSTABLE</b>	<b>ADJUSTABLE</b>	<b>ADJUSTABLE</b>	<b>FIXED</b>	<b>ADJUSTABLE</b>
Number of Bulbs	4	1	1 main + 1 reserve	5	1 main + 1 reserve	1 main + 1 backup
Total Power (Watts)	200	100	150	200	170	N/A
Bulb Life at Full Power (Hrs)	1000	1000	1000	4000	1000	1000
Warranty	5 years	2 years	2 years	2 years	2 years	1 year



N/A: Published data not available  
 Note: The optical data are nominal values based on measurements calculated according to UL/IEC performance standards.  
 Competitive data obtained through manufacturer website/representative.

# 2006 BURTON COMPETITIVE MATRIX

## SURGICAL LIGHTS (< 100,000 Lux)



### VISIONARY®

- Incredible aesthetics
- Extremely high CRI of 98
- Continuous dimming
- Bulbs wired in parallel for continuous light output
- World-class reliable drift-free arm (used on lights costing 3x more)
- Made in USA
- New Extended 5-year warranty
- UL 60601-1/60601-2-41 Certified

## COMPETITIVE DATA COMPARISON CHART

	BURTON VISIONARY®	Maquet HANAULUX BLUELINE 80	Skytron ST19	Maquet ALM AXCEL	Maquet HANAULUX 2003
Intensity @ 1 Meter	90,000 Lux 8300 fc	80,000 Lux 7407 fc	96,800 Lux 9000 fc	80,000 Lux 7407 fc	80,000 Lux 7407 fc
Color Temperature	4200° K	4300° K	4000° K	3500° K	4300° K
Diameter of Lighthouse	20" (51 cm)	13-75" (35 cm)	19" (48 cm)	22" (57 cm)	19" (48 cm)
CRI	98	93	94	93	93
Arm Rotation	360° (Unlimited)	360° (Unlimited)	360° (Unlimited)	540° (Limited)	360° (Unlimited)
Spot Size	8-10" (20-25 cm)	7" (18 cm)	6-8" (17-19 cm)	10-12" (25-31 cm)	N/A
Focusability	<b>ADJUSTABLE</b>	<b>FIXED</b>	<b>FIXED</b>	<b>FIXED</b>	<b>ADJUSTABLE</b>
Number of Bulbs	4	1 main + 1 backup	3	1	3
Total Power (Watts)	140	150	150	150	150
Bulb Life at Full Power (Hrs)	1000	1000	2000	1000	1000
Warranty	5 years	1 year	2 years	1 year	1 year



N/A: Published data not available

Note: The optical data are nominal values based on measurements calculated according to UL/IEC performance standards.

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## EXAMINATION & TASK LIGHTS



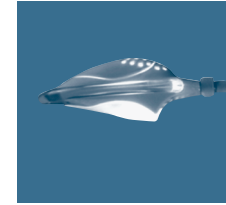
### SUPER BRIGHTSPOT™

- Extremely high intensity spot
- Best for OB/GYN
- Heat-free housing with ergonomic design
- Rugged surgical quality caster base & upright
- Dichroic reflectors to maintain cool beam
- Easy positioning with 18.5" sturdy gooseneck & 16" extension arm
- Made in USA
- New Extended 5-year warranty
- UL 60601-1/60601-2-41 Certified



### GLEAMER®

- Extremely bright
- Extremely cool
- Long bulb life
- 17" sturdy gooseneck & extension arm
- Glass covered bulb for safety
- Rugged surgical quality caster base & upright
- Made in USA
- New Extended 5-year warranty
- UL 60601-1/60601-2-41 Certified



### SUPERNOVA®

- Extraordinary brightness at low cost
- Shadow-free spot
- Exceptional bulb life
- Medical Design Excellence Awards Finalist
- Only light in class with handles
- Small, space conserving caster base
- Made in USA
- New Extended 5-year warranty
- UL 60601-1/60601-2-41 Certified

## COMPETITIVE DATA COMPARISON CHART

	BURTON SUPER BRIGHT SPOT™	BURTON GLEAMER®	BURTON SUPERNOVA®	Ritter 152	Welch Allyn LS135	Welch Allyn LS150
Intensity @ typical operating distance	5185 fc	4166 fc	1945 fc	1500 fc	525 fc	576 fc
Color Temperature	3700° K	3700° K	3700° K	3000° K	3000° K	4700° K
Spot Size	4-5" (10-13 cm)	6" (15 cm)	6" (15 cm)	N/A	11.4" (29 cm)	13" (33 cm)
Focus	FIXED	FIXED	FIXED	FIXED	FIXED	FIXED
Number of Bulbs	1	1	1	1	1	1
Total Power (Watts)	20	35	20	35	35	50
Bulb Type	Quartz-Halogen	Quartz-Halogen	Quartz-Halogen	Quartz-Halogen	Quartz-Halogen	Quartz-Halogen
Advertised Bulb Life (Hrs.)	1000	4000	7000	2000	5000	3000
Warranty	5 years	5 years	5 years	1 year	1 year	1 year



N/A: Published data not available  
 Note: The optical data are nominal values based on measurements calculated according to UL/IEC performance standards.

Competitive data obtained through manufacturer website/representative.