

Competitive Medical Exam Light Matrix

Medical Examination Lights



	WA GS Exam Light IV	Midmark/Ritter 253	Welch Allyn GS 300	Midmark/Ritter 250
Light Source	1 LED	1 LED	1 LED	3 LEDs
LED (Bulb) Life	50,000 hours	50,000 hours	50,000 hours	25,000 hours
Color Temperature	5,500 °K	4,500 °K	5,500 °K	4,000 °K
Light Intensity @ Typical Working Distance	20,000 lux (1,858 footcandles)	18,298 lux (approximate) (1,700 footcandles)	12" distance: 30,000 lux (2,787 footcandles) 20" distance: 15,000 lux (1,393 footcandles)	19,375 lux (1,800 footcandles)
Working Distance	16 in (40 cm)	16 in (40 cm)	12 in (30 cm) to 20 in (50 cm)	18 in (45.72 cm)
Spot Size	4 in (10 cm) to 10 in (25 cm)	4 in (10 cm) to 12 in (30 cm)	5 in (13 cm) to 6 in (15 cm)	N/A
Infection Control	Touchless On/Off Control, Disposable Sheath	Manual On/Off Control, Disposable Sleeve	Touchless On/Off Control	Manual On/Off Control
Mounting Options	Table/Wall Mount and Mobile Stand	Table/Rail/Wall Mount and Caster Stand	Table/Wall Mount and Mobile Stand	Table Mount and Mobile Caster Stand
Warranty	5-year limited warranty	1-year limited warranty	5-year limited warranty	1-year limited warranty

Competitive Medical Exam Light Matrix

Medical Examination Lights



	Welch Allyn GS 600	Burton Super Exam 50 LED	Welch Allyn GS 900	Midmark/Ritter 255 LED	Burton AIM LED	Burton Outpatient LED
Light Source	3 LEDs	7 LEDs	6 LEDs	16 LEDs arranged in 4x4 array, 32-watt	21 individual LEDs in three modules	21 individual LEDs in three modules
LED (Bulb) Life	50,000 hours	40,000 hours	50,000 hours	30,000 hours	20,000 hours	20,000 hours
Color Temperature	5,500 °K	4,000 °K	5,500 °K	4,400 °K	4,300 °K	3,700 °K
Light Intensity @ Typical Working Distance	High Intensity Setting: 12" distance: 75,000 lux (6,967 footcandles) 20" distance: 40,000 lux (3,716 footcandles) Low Intensity Setting: 12" distance: 55,000 lux (5,109 footcandles) 20" distance: 30,000 lux (2,787 footcandles)	39,000 lux (3,623 footcandles)	High Intensity Setting: 24" distance: 100,000 lux (9,290 footcandles) 40" distance: 55,000 lux (5,109 footcandles) Low Intensity Setting: 24" distance: 75,000 lux (6,967 footcandles) 40" distance: 40,000 lux (3,716 footcandles)	80,700 lux (7,500 footcandles)	45,000 lux (4,180 footcandles)	90,000 lux at 24 in (8,361 footcandles)
Working Distance	12 in (30 cm) to 20 in (50 cm)	24 in (60.96 cm)	24 in (60.96 cm) to 40 in (100 cm)	29.8 in (75.8 cm)	39.37 in (100 cm)	24 in (61 cm)
Spot Size	6 in (15 cm) to 7 in (18 cm)	4 in (10 cm) to 5 in (13 cm)	10 in (25 cm)	7.5 in (19 cm)	13 in (33 cm) to 15 in (38 cm)	N/A
Infection Control	Touchless On/Off Control, Disposable Sheath	N/A	Touchless On/Off Control, Disposable Sheath	N/A	Disposable Handle Covers, Sterilizable Handle	Anti-microbial paint inhibits the growth of microbes
Mounting Options	Table/Wall Mount and Mobile Stand	Wall, Rail Mount, Ceiling Mount and Floor Stand	Wall Mount, Ceiling Mount and Mobile Stand	Wall Mount, Ceiling Mount and Mobile Stand	Wall Mount, Mobile Stand and Single and Double Ceiling Mount	Wall Mount, Ceiling Mount and Floor Stand
Warranty	5-year limited warranty	5-year limited warranty	5-year limited warranty	1-year limited warranty	5-year limited warranty	5-year limited warranty