

Capsera ExamLED Lighting Comparison Chart

Specification	ExamLED (4500 K)	ExamLED Pro (5500 K)	Description
Weight	500 grams	500 grams	Weight of just the lamp head
Dimensions	210mm Length x 38mm Diameter	235mm Length x 38mm Diameter	Dimensions of the just the lamp head
Operating Voltage	120 Volts AC	120 Volts AC	Detachable Wall Brick Power Supply Plugs directly into any standard US outlet
Current	750mA	750mA	Current (amperage) drawn by the LED
Beam Angle	17.5°	12°	The angle of the cone of light emitted from the lamp head
Mounting Systems	Wall, Ceiling, and Gooseneck	Wall, Ceiling, and Gooseneck	Multiple mounting options available
Power Supply	15 V - 1.2 A	15 V - 1.2 A	Detachable Wall Brick Power Supply
Output Lux	19,375 Lux	31,500 Lux	Typically used to measure the light intensity produced by a lighting fixture. The higher the Lux reading the more light the lighting fixture is producing over a given area. (measurement at 18" from LED)
Dimmable	Yes	Yes	Proprietary Firmware
Operating Life	70,000 Hours	70,000 Hours	Usually refers to the number of hours a specific type of LED is expected to be operational.
Lenses	Glass Optics	Glass Optics	Proprietary Optics System produces highly uniform beam spot with a sharp boundary
Light Source	4 LEDs	4 LEDs	Four LEDs packaged in a proprietary heat sinking module
Surface Treatment	Antimicrobial	Antimicrobial	Antimicrobial Powder Coating (custom colors upon request)
Max Rated Temperature	40 °C	40 °C	Operating Temperature is the maximum ambient temperature where the LED light source is operated.
Color Temperature	4500 K	5500 K	A measure of the color of a light source relative to a black body at a particular temperature expressed in degrees Kelvin (K). Incandescent lights have a low color temperature (approximately 2800K) and have a red-yellowish tone; daylight has a high color temperature (approximately 6000K) and appears bluish (the most popular fluorescent light, Cool White, is rated at 4100K).
Pulse Width Modulation	Yes	Yes	Pulse Width Modulation with regards to LEDs means that the LED will have a pulse or strobe at a rate so fast that the eye will see the light as being constantly on. This pulsing or turning the LED on and off lowers the potential heat stress on the chemical that makes the light, thus allowing the LED to perform longer than anticipated.
Lamp Head Material	Airplane-Grade Aluminum	Airplane-Grade Aluminum	Unlike most other lights, the Capsera LED is manufactured in airplane grade aluminum. Even though it is more expensive than plastic, it enables the LED to run much brighter than if the light was manufactured with plastics.
Warranty	5 Years	5 Years	Manufacturer Standard
Colors Options	Black and White, custom colors available	Black and White, custom colors available	Antimicrobial Powder Coating (custom color upon request)

