



**PRAISTON Sp. z o.o.**  
ul. Górowska 32  
64-100 Leszno  
Polska

Biuro: +48 65 527 01 67  
Serwis: +48 782 844 000  
Fax: +48 65 527 01 67

E-mail: [biuro@praiston.pl](mailto:biuro@praiston.pl)

Koordynator ds. sprzedaży  
Krzysztof Wybieralski  
+48 882 762 006

[kw@praiston.pl](mailto:kw@praiston.pl)



## **Operating lights LED EMALED 560/500 (Double) (New)**

New,  
German production,  
One of the smallest and brightest surgical lamps in this category,  
Ceiling mount lamp,  
EMALED 560/500 lamps are intended for everyday use in the operating room,  
The intensity of light of this model is 160,000lx / 120,000lx with adjustable diameter of light between 180 and 350 mm, and 70 diodes ensure shadowless work of the surgeon,  
LEDs produce light similar to the solar spectrum approx. 4500 K,  
Color index of 96 Ra, without heating the operating field with infrared and ultraviolet light,  
The intensity of light is regulated in the range from 10% to 100% and is done using the control panel on the lampshade or optionally on the external wireless panel,  
The lamp is equipped with an optional power supply ups, which automatically sustains battery power for up to 4 hours without the need for connection to an electrical outlet,  
The latest LED technology makes it possible a long diode life even up to 50,000 hours, low energy consumption in surgical procedures (60W) and very low failure rate,  
Safe assembly with easy maneuvering of the bowl and arm allows comfortable work,  
Specifications:  
Emaled 560:  
Diameter 65 cm,  
Maximum light intensity 160,000 lx each lamp,  
Color temperature 4 500 K,  
Color reproduction ratio 96 Ra,  
Light intensity adjustable from 10% to 100%,  
Input voltage 100 - 240 V / 24 V ,  
Operating voltage 24V DC,  
Variable focal length,  
70 LEDs,  
Lamp head weight 9.5 kg,  
Weight of the complete system 110 kg,  
Power of the 60VA lamp head,  
LED life 50,000 h,  
Operating distance 70 - 140 cm,  
Frequency 50 - 60 Hz,  
Diameter of light field 18.5 - 35 cm,  
Emaled 500:  
Diameter 65 cm,  
Maximum light intensity 120,000 lx,  
Color temperature 4 500 K,  
Mapping coefficient color 96 Ra,  
Light intensity adjustable from 10% to 100%,  
Input voltage 100 - 240 V / 24 V ,  
Operating voltage 24V DC,  
Variable focal length,  
70 LEDs,  
Headlamp weight 9.5 kg,  
Weight of the complete 80 kg system,  
60VA lamp head power,  
50,000 LED luminous lifetime,  
Operating distance 70 - 140 cm,  
Frequency 50 - 60 Hz,  
Diameter of light field 18.5 - 35 cm,  
Equipment optional (extra charge):  
Emergency power (up to 4 hours of lamp operation),  
Full HD camera:  
Image transducer - 1/3 'type CMOS (Progressive Scan),  
Number of effective image elements - 4 080 000 pixels,  
AE (automatic exposure mode) Automatic, Manual,  
Optical zoom - 10x f = 3.3 mm (wide) to 33.0 mm (tele) F1.8 to F3.4,  
Laser pointer,  
Variable color temperature: 3500 , 4000, 4500 K,  
External wireless control panel (for double lamps),  
Has a current Technical Passport displayed,  
Warranty 24 months.

