



NOVA . LIGHT  
OPERATING LIGHTS  
700 / 500 SERIES

N E X O R

[nexomedical.com](http://nexomedical.com)



**NOVA. light 700 / 500 Series with single colour technology**

NOVA.light offers besides superb quality lighting a number of outstanding features such as:

- x Extremely flat monocoque housing, with high IP protection class allowing an easy disinfection of the lighting body.
- x Multi-functional sterile handle allows to control main functions of the surgical light by the surgeons.
- x Reflector technology that offers an outstanding shadow resolution, without the need for complicated lighting management systems.
- x Nova-Lux Turbo function, allows to readjust lighting intensity throughout lifetime of LED's, maintaining maximum lighting performance.
- x Centralized service slot, allows quick and tool-free access to complete electronic of surgical light, reducing downtime in case of servicing to a minimum.
- x Possibility of changing individual LED's reduces servicing costs throughout lifetime and facilitates technological upgrades.
- x Light emitting surface, safety glass.

TECHNICAL DATA	NOVA.light 700	NOVA.light 500
Dimming range	10 - 100%	10 - 100%
Light intensity in 1m distance (klx)	160	160
Intensity regulation (In 9 steps) at (Klx)	16 - 160	16 - 160
Endoscopic lighting	yes   5 - 10%	yes   5 - 10%
Light field (d10) at illuminance at a distance of 1 m (mm)	170 - 300	150 - 280
Color temperature (Kelvin) (Adjustable)	4.900	4.900
Color rendering index Ra	> 97	> 97
Red rendering index R9	> 97	> 97
Depth of light field L1 + L2 (mm) 20%	1.200	1.200
Weight of light head (kg)	18	14
Dimensions L x B x H (mm)	697 x 708 x 55	586 x 597 x 55
Lifetime of LED light source (h)	> 60.000	> 60.000
IP Protection class	54	54
Power consumption (Watt)	45	42
Electrical light field adjustment	Yes	Yes
Integrated camera (central position)	HD / 4K	HD / 4K
Certification	CE IEC 60601-2-41	CE IEC 60601-2-41
Control options	Wall/Remote Control	Wall/Remote Control
Control	On OT Light dome	On OT Light dome
Supply voltage	100 - 230 VAC 50 Hz/60 Hz	100 - 230 VAC 50 Hz/60 Hz
Sterilizable handle	Yes available	Yes available
Operating/storage Humidity	5 - 95%	5 - 95%

Tolerance ±10%; technical specifications are subject to change