

DMYL 德曼医疗

DEMAN MEDICAL TECHNOLOGY CO.,LTD.



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LED SHADOWLESS OPERATING LAMP

YDE 700/500

LED shadowless operating lamp



The main technical data

Technical data	unit	700 lamp head	500 lamp head
Spot center illumination in color temperature 5000K	Lux	160,000--200,000	140,000--180,000
Color temperature	K	4000-5000	4000-5000
Ra		95	95
50% Spot diameter d50	mm	150	150
10% Spot diameter d50	mm	300	300
Illuminance depth	cm	80	100
Illuminance adjusting range	%	25-100	25-100
Ultraviolet irradiance wavelength under 40nm	W/m ²	≤0.002	≤0.002

Technical data	unit	700 lamp head	500 lamp head
Focal distance adjusting mode		Manual/ electric(optional)	Manual/ electric(optional)
Beads power	W	1W/unit×60beads	1W/unit×45beads
Power supply		110V/220V 50Hz/60Hz	110V/220V 50Hz/60Hz
Input power	W	100	80
LED average life	H	≥100,000	≥100,000
LAMP HEAD DIAMETER	MM	700	500
INSTALLATION CEILING HEIGHT	M	2.8(AJUSTABLE)	2.8(AJUSTABLE)

LED SHADOWLESS OPERATING LAMP SERIES



Long service life

Almost unlimited life expectancy, at least 100,000 hours LED lamp life, 40 times longer than halogen and conventional lamps. No need to replace LED beads, low lifetime maintenance cost.

Electric focus

Touched panel control, illumination lighting and color temperature is adjustable. Germany DC stepper motors.

Double traverse technique

Greater light output is 2 or 3 times higher than other lights, clear spot profile and uniform illumination to deep cavity procedures. Ergonomic layout of LED beads.

New cold LED light source

Lowest ultraviolet and infrared in light spectrum, temperature rising less than 2°C. Aviation aluminum material, greater heat dissipation.



Amazing deep illumination perfect effect without shadow.

Due to the unique design layout of LED beads, each LED makes its own spot, these spots are then precisely overlapped, so no matter how many LEDs blocked, others do not influence, the spot remains round and consistent. 4000-5000K perfect color rendering and temperature for true tissue rendition.



● Adopted Germany Ondal balance arm, 360 degree swivel, more easier to maneuver and place.