

Surgical LED Light (Ceiling)

SMart - L40 Plus, SMart - L35 Plus



FEATURES:

- ✓ Average LED Life $\geq 60,000$ hours
- ✓ Control Keypad for: Light field adjustment, ON/OFF, Color changes, Brightness
- ✓ One button to change from ENDO, microwave and R9 mode
- ✓ Spot Diameter: ≥ 300 mm
- ✓ Head-block Function: When the doctor head blocks the light, the light source of this area will be turned off automatically. Other patches illumination will increase accordingly to maintain enough light effect for surgery.

SPECIFICATIONS:

Standard Configuration

No.	Item	Quantity	Technical Description
1	Major Dome	Shinva	1 piece
2	Minor Dome	Shinva	1 piece
3	Major Dome Light Source	Germany OSRAM	1 set
4	Minor Dome Light Source	Germany OSRAM	1 set
5	Power Switch	Meanwell	2 pieces
6	Balance Arm	Germany ONDAL	2 pieces
7	Rotator	Germany ONDAL	1 set
8	Dust Cover	Shinva	1 set
9	Sterilized Hand Grip	Shinva	4 sets
10	Built-in Camera (Optional)	Haikang	1 set
11	Display (Optional)	Jufeng	1 set
12	Third Dome (Optional)	Shinva	1 set

Technical Specification

Model	SMart - L40 Plus	SMart - L35 Plus
Center Illumination E_c (lx)	$120,000 \leq E_c \leq 160,000$	$80,000 \leq E_c \leq 160,000$
Color Temperature T_c	3,500 - 4,500K	3,500 - 4,500K
Illumination Beam Depth	$\geq 1,200$ mm	$\geq 1,200$ mm
Deep Cavity Illumination Rate	$\geq 90\%$	$\geq 90\%$
Color Rendering Index R_a	$96 \leq R_a \leq 100$	$96 \leq R_a \leq 100$
Irradiance W/m ²	≤ 600	≤ 500
Irradiation ration mW/(m ² •lx)	≤ 4	≤ 4
Built-in Camera		
Brand:	Haikang	
Pixel:	2,380,000	
Optical Zoom:	10 times	
Aperture:	F=1.8 to 3.4	
Censor:	CMOS	
Censor Dimension:	1/2.8 inch	
Focal Length:	10 mm (wide end), 1,000 mm (far end)	
Control Way	Camera can be operated from surgical light control system, and there is no need to prepare separate camera control box	
Camera System	Meet shooting needs	

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