










LUVIS | L400

Smart
Comfortable
Utilitarian



Feature

	Illumination Intensity Continuous adjustment (Max. 160,000lx)		Color Rendering Index Ra 99/R9 99/R13 99
	Light Field Diameter 18-34cm		Smart Sensor Enhancement of shadow dilution & depth of illumination
	Color Temperature 3,600K-5,400K		ENDO Mode Suitable for endo-surgery by one click, Ec*5%
			Synchronized Control One controller can control the other at the same time

Continuously Adjustable Light Intensity, Color Temperature and Light Field Diameter

Light intensity (Maximum 160,000lx)
Color temperature (3,600K-5,400K)
Light field diameter (18cm-34cm)



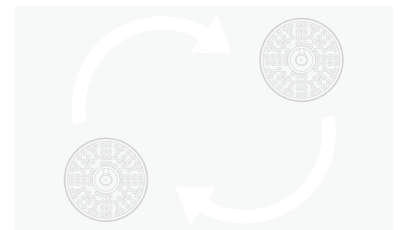
Smart Sensor in Surgical Lights

Detects movements by the surgeon or medical staff, allowing them to adjust the light's intensity



Synchronized Control

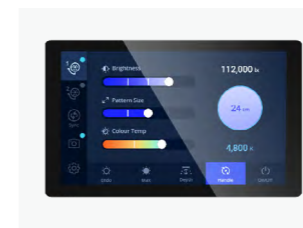
A synchronization system provides convenience and efficiency by allowing two lights to be controlled simultaneously



Optional Features



4K / Full HD Camera



Tablet PC Controller



Wall Controller



Battery

Technical Specification

Model		L400	M400
Design (light head)			
Head Size (cm)		Ø 73	Ø 63
No. of LED (ea)		112	72
Central Illumination Ec (lx)		160,000	140,000
Electronic Adjustment Range (%)		10-100 (continuous)	10-100 (continuous)
Endo Mode (Illumination, lx)		1,600-16,000 (1-10% continuous)	1,400-14,000 (1-10% continuous)
Color Temperature (K)		3,600-5,400 (continuous)	3,600 - 5,400 (continuous)
Color Rendering Index (Ra/R9/R13)		99/99/99	99/99/99
Light Field Diameter (d10, cm)		18-34 (continuous)	18-30 (continuous)
Light Field Diameter (d50, cm)		10-19	10-18
Shadow Dilution (%)	With Tube	95	100
	With 1 mask/With 1 mask+tube	92/85	85/85
	With 2 mask/With 2 mask+tube	70/65	70/70
Depth of Illumination at 60% (cm)		85	80
Illumination Energy (W/m ²)		570	498
Power Consumption (VA)		105	72
Life Span (Hr)		60,000	60,000
Detachable Centre Grip		Yes(2X)	Yes(2X)
Certificate		CE/UL/FDA	CE/UL/FDA
Installation Type		Single Ceiling Dual Ceiling Mobile	Single Ceiling Dual Ceiling Mobile
Option		Full-HD Camera 4K Camera Tablet PC(App) Wall Controller Backup Battery	Full-HD Camera 4K Camera Tablet PC(App) Wall Controller Backup Battery

Model		L200	M310	M210
Design (light head)				
Head Size (cm)		66×66	60×60	50.6×50.6
No. of LED (ea)		96	84	54
Central Illumination Ec (lx)		160,000	160,000	120,000
Electronic Adjustment Range (%)		25-100	25-100	30-100
Endo Mode (Illumination, lx)		8,000	8,000	6,000
Color Temperature (K)		3,800/4,300/4,800	M300: 4,300 M310: 3,800/4,300/4,800	M200: 4,300 M210: 3,800/4,300/4,800
Color Rendering Index (Ra/R9/R13)		95/90/99	95/90/95	95/90/95
Light Field Diameter (d10, cm)		20-30	20-30	20-30
Light Field Diameter (d50, cm)		12-18	12-18	12-18
Shadow Dilution (%)	With Tube	98	100	100
	With 1 mask/With 1 mask+tube	80/70	65/60	50/50
	With 2 mask/With 2 mask+tube	70/65	55/50	48/48
Depth of Illumination at 60% (cm)		85	90	65
Illumination Energy (W/m ²)		546	540/540	419/428
Power Consumption (VA)		67	M300: 106-131 M310: 88-117	M200: 72-102 M210: 79-111
Life Span (Hr)		60,000	60,000	60,000
Detachable Centre Grip		Yes(2X)	Yes(2X)	Yes(2X)
Certificate		CE/UL/FDA	CE/UL/FDA	CE/UL/FDA
Installation Type		Single Ceiling Dual Ceiling Mobile	Single Ceiling Dual Ceiling Mobile	Single Ceiling Dual Ceiling Mobile
Option		Full-HD Camera Wall Control Box Backup Battery	Full-HD Camera Wall Control Box Backup Battery	Wall Control Box Backup Battery