



Medical LED Illumination

Luvis



LED Surgical Light - Luvis L200 / M200 / M300

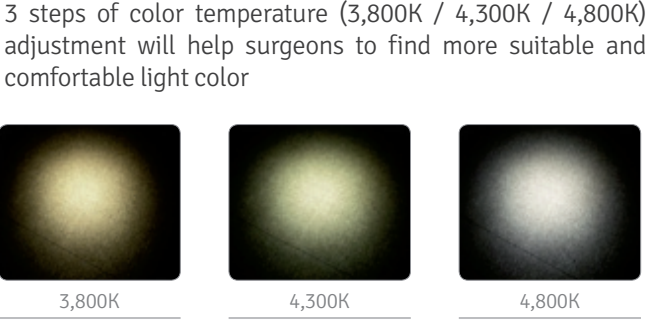
Consistent and Comfort Illumination



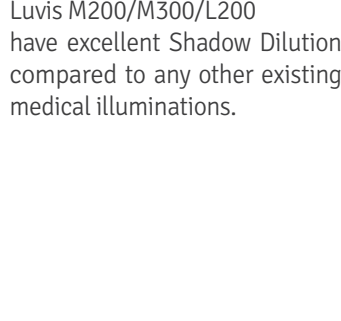
Synchronized Intuitive Control



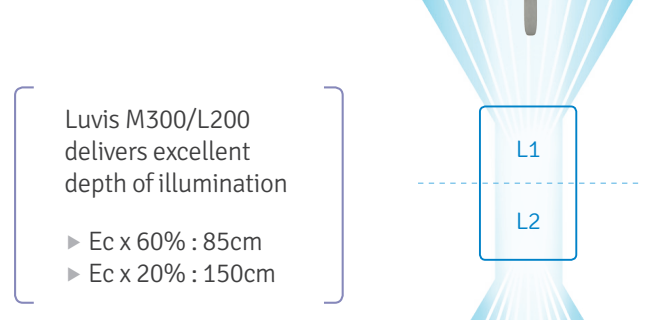
Color Temperature Adjustment



Shadow Dilution

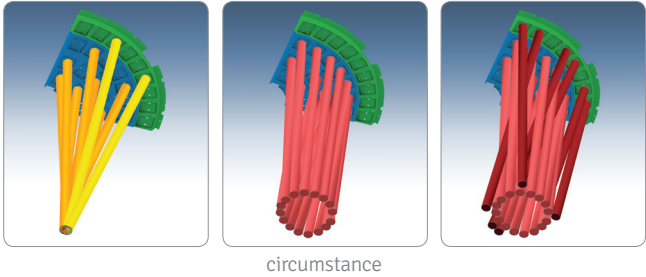


Depth of Illumination

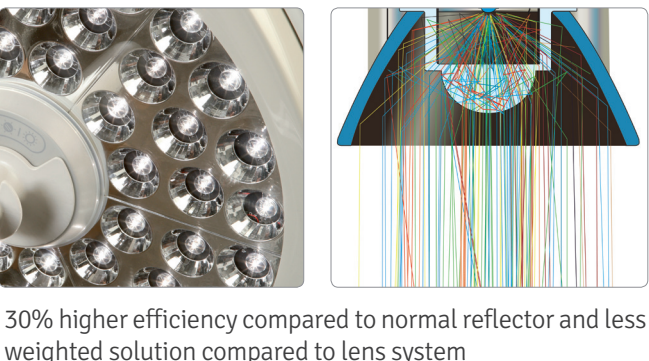


CIS (Channel Illumination System)

Channel Illumination Technology helps to prevent large falling of Intensity as enlarging the Light field diameter.



Hybrid LED System



Smart Sensor

Smart sensor will detect the obstacle and increase the Intensity automatically. So Luvis L200/M300 [Options] can deliver more stable illumination.



Laminar Flow Compliancey

Luminar flow compliancy design minimizes the obstructing surface.

► Luvis M200 2369cm² / Luvis L200 3789cm²



Luvis L200/M200/M300 Basic Application

Single Ceiling Mount

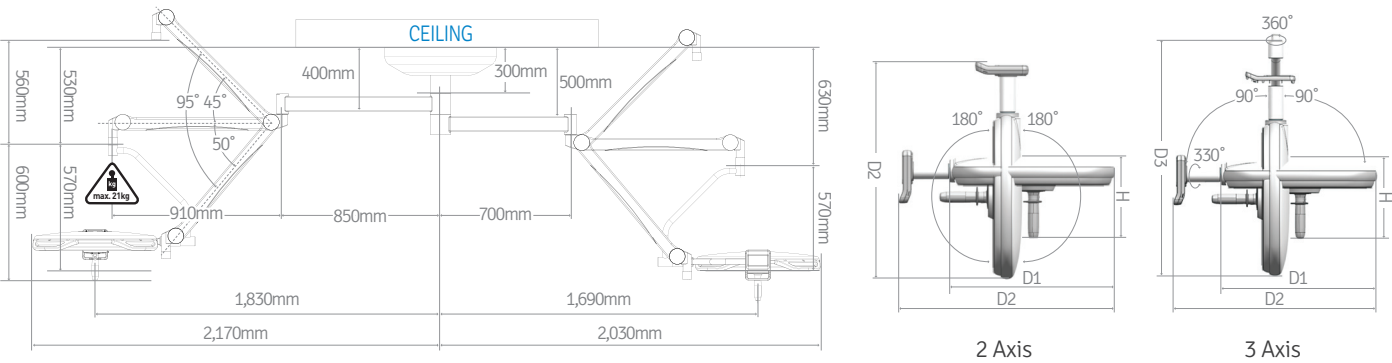


Dual Ceiling Mount



Available Configuration of dual ceiling Mount

M/M200(M210) Dual Ceiling Mount, L/L200 Dual Ceiling Mount, L200/M200(M210)Dual Ceiling Mount, M200/M300(M310)Dual Ceiling Mount




Luvis L200/M200/M300 Optional Application

Integrated Camera / Monitor Carrier




HD Camera

Classification	Description
Camera Block	FCB-H11 (SONY)
Image Sensor	1/3-Type CMOS
Lens	10X Optical Zoom
Zoom Ratio	10X Optical, 12X Digital
Image Point	Approx. 2.0 Megapixels
Video Signal	HD 1080i / 720p, 75Ω BNC
Object Distance	10mm ~ 800mm
Size	47.2x43.1x72.7mm
Mass	120g



Internal Camera



Camera Control Panel

Mobile Type



Back-up Battery

Model	Voltage	Description
L200	DC 28V	<ul style="list-style-type: none">- Over Voltage Detection- Under Voltage Detection- Discharging Over Current Detection- Short Circuit Detection- Cell Balancing, PTC- Output (20V ~ 28V)- Life cycle : 300 cycle(charge/discharge)
M200	DC 20V	
M300	DC 24V	

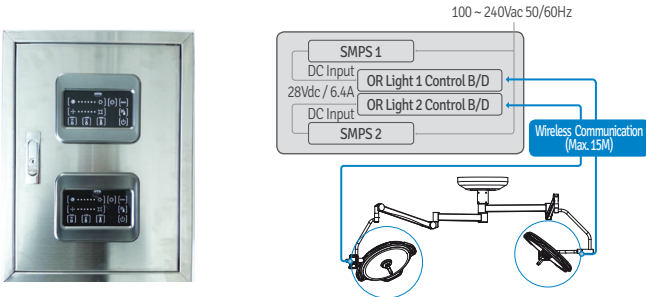
Duration : 3 Hours

Rechargeable Lithium-ion Battery

25% 50% 75% 100% Battery Check

Back-up Battery

Wall Mount Control Box



Classification	Description	Classification	Description
Box Size	WxLxD=30x40x15cm	Range of Wireless Com.	<10m
Control Box Material	Stainless	Protocol of Wireless Com.	IEEE802.15.4 (ISM 2.4GHz)
Number of Controlled Unit	1 or 2	Input Voltage	220VAC, 50/60Hz
Switch Type	Touch	Out Put Voltage	28VDC x 2

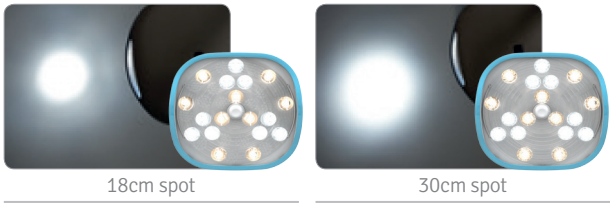
LED Minor Surgical Light - Luvis S200



- ❑ 60,000Lux Intensity
- ❑ 3 Steps of Color Temperature Selectable (3,800K/4,300K/4,800K)
- ❑ 90Ra of Highest Level of CRI
- ❑ R9 80 of Red Color Rendering Ability
- ❑ Dentis Patent Rectangle Focal Pattern
- ❑ Selectable Focal Size (Dia.18cm / Dia.30cm) by rotating Main Handle
- ❑ Excellent Scialytic Effect
- ❑ 55% of Uniformity (D50/d10)
- ❑ Intuitive and Easy Way of Control
- ❑ No UV Emission & Cool Light
- ❑ Detachable & Autoclavable Main Handle
- ❑ Ergonomic & Friendly Design
- ❑ Various Installation Option (Chair, Ceiling, Mobile, Wall, Dual Ceiling Mount)

Adjustable Focus

By rotating central knob, users can easily select the focal size from 18cm to 30 cm.



Scialytic Effect

The high optical efficiency of the Luvis S200 is based on an innovative lens system with 18 LED sources that ensures a beam of light with wide scialytic effect.

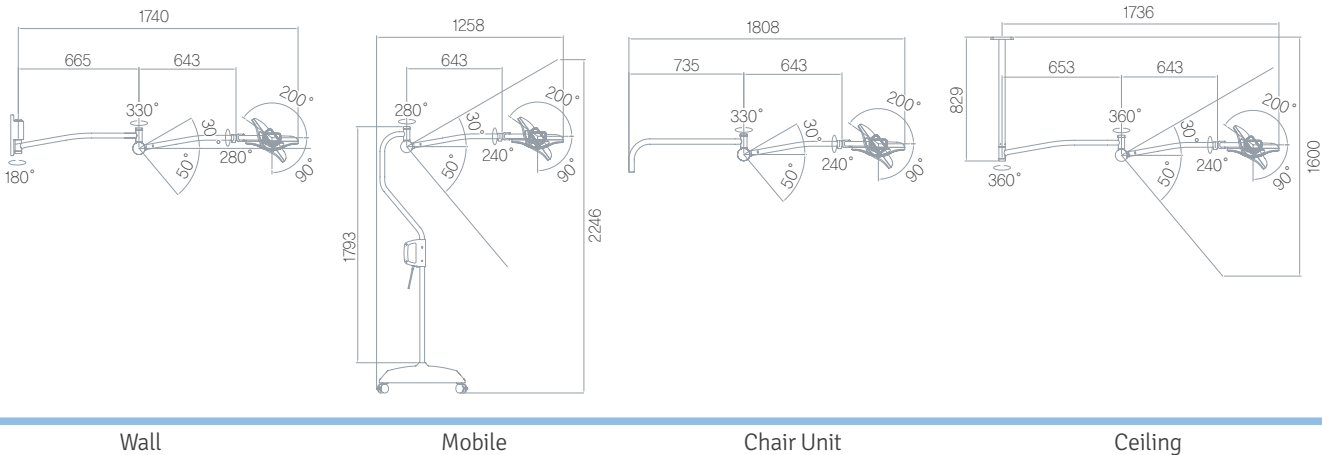


Detachable Main Handle

Rotation Main Handle to select the focal size
Easy and stable handling Autoclavable material



Various Installation



Examination LED Light - Luvis E100

Simple, Clear and Affordable

Luvis Examination LED Light, E-100, delivers clear light, cool LED lighting with an slim design for all of your exam and minor procedure needs.

- ❑ High Level of Illumination Intensity : 60,000 Lux at 0.5 m
- ❑ 17cm Focal Size
- ❑ 3 Steps of Intensity Control
- ❑ Accurate Color Rendering Ra > 95
- ❑ 3 Steps of Color Temperatures Control (3500 K, 4000K, 4500 K)
- ❑ Easy to Use , Simple Control unit on the Head
- ❑ Low Maintenance Cost
- ❑ Lowest Heat Emission and No UV from the Light



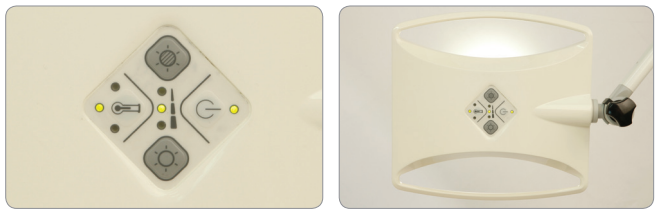
Wider User - Adjustable Intensity and Color Temperature.

Through intuitive control panel, user can easily adjust the Intensity and color temperature in 3steps. Adjustable E100 can be adopted in various scene of medical field



Easy to Install and Use

Simplified way of installation and intuitive control panel offers easy-to-use method



Various Installation



Technical Specification

Model No.		Luvis M200/210	Luvis M300/310	Luvis L200
Intensity		Max. 120,000 Lux	Max. 160,000 Lux	Max. 160,000 Lux
CRI		95	95	95
Color Temperature		4,300K (3,800K / 4,300K / 4,800K)	4,300K (3,800K / 4,300K / 4,800K)	3,800K / 4,300K / 4,800K
Light field diameter		20 cm ~ 30 cm(circle)	20 cm ~ 30 cm(circle)	20 cm ~ 30 cm(circle)
Focal Distance		1M	1M	1M
Head Size		50 cm	60 cm	67 cm
Power Consumption (Max.)		85W	125W	125W
Input Power		100~240Vac, 50/60Hz	100~240Vac, 50/60Hz	100~240Vac, 50/60Hz
LEDs		54ea	84ea	96ea
LED Life Span		50,000hr	50,000hr	50,000hr
Depth of Illumination	Ec 60%	65	85	85
	Ec 20%	125	150	150
Shadow Dillution	With Tube(%)	100	100	100
	1 mask(%)	50	55	75
	2 mask(%)	48	52	60
	1 mask + Tube (%)	50	50	70
	2 mask + Tube(%)	48	48	56

Model No.		Luvis S200	Luvis E100
Intensity		Max. 60,000 Lux @1M	Max. 60,000 Lux @ 0.5M
CRI		90	95
Color Temperature		3,800K / 4,300K / 4,800K	3,500K / 4,000K / 4,500K
Focus Size		18cm (circle) / 30cm (circle)	17cm (circle)
Focal Distance		1M	0.5M
Head Size		35cm x 34cm	25cm x 24.6cm
Power Consumption		25W	17W
Input Power		90~264Vac, 50/60Hz	90~264Vac, 50/60Hz
LED Life Span		50,000hr	50,000hr



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