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Even Cares for Your Eyes

Introducing new Dental Light

Luvis C500

Luvis

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Introducing new Dental Light

As adopting latest technology, Luvis C500 bring various new feature to users: Selectable color temperature / wider focus / sensor(on/off, Intensity control). In addition, internal camera / resin mode cover / remote controller will be selected by users. Adding this feature on benefit from LED will help the doctor and patients in their good conditions.

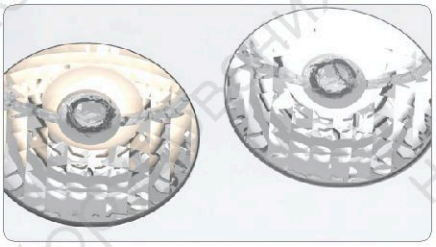














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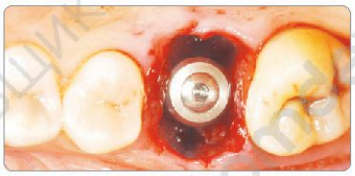
User Friendly Feature

High Color Rendering Index (CRI)

Luvis suggests high CRI of Ra 95 which may realize more clear and nature-like color. It helps to reduce the eye fatigue compared to higher brightness with low CRI.



Luvis



Lower CRI

Selectable Color Temperature

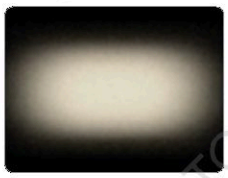
3 Steps of color temperature (4,000K/4,500K/5,000K) adjustment will help doctors to find more suitable and comfortable light color.



4,000K



4,500K

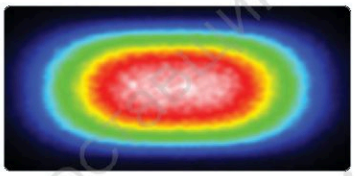


5,000K

Wider Focus

With its highest level of uniformity (d50/d10>75) and wider focal pattern, Luvis C500 delivers stable Intensity and quality light to the focal side.





16cm x 9cm (Oval)

Easy to Control

Luvis C500 brings two types of control.
Conventional controller is located on the back panel of the light. From the front, the user can control On/Off, Intensity by sensor.

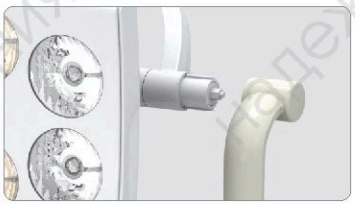




Detachable Main Handle

It can be used inside an autoclave without damage.





New Feature

Camera (Option)



Resin Cover (Option)



Remote controller (Option)



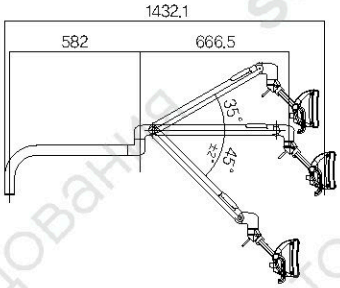
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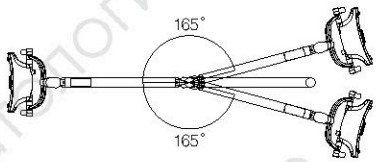
Technical Specification

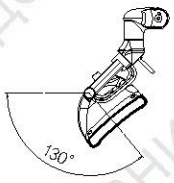
Classification		Unit	Specification	Reference
Centre intensity (@ 70Cm)	Min	Lux	3,000 Lux	@ 4,500K
	Max	Lux	50,000 Lux	
Focal Distance		Cm	70	
Focal Pattern (@ d10)		Cm	16.0 x 9.0	Oval shape
Focal Pattern (@ d50)		Cm	12.7 x 6.7	Oval Shape
Uniformity (d50/d10)		N/A	< 75%	
Color temperature (3steps)		K	4,000/4,500/5,000	Selectable
C.R.I(Ra)		N/A	95	@ 4,000K
Image Sensor			1 / 2.8 CMOS	
Optical Zoom			10X	
Resolution			2.38M Pixel	
Definition			1080P	HD-SDI output
Object distance(focus)			10-800mm	
Input Voltage			AC12-18V	50/60Hz
			DC15V 4.0A	Camera Type / Using Adapter
Consumption			X<30W	
LED life time			50,000LUX	

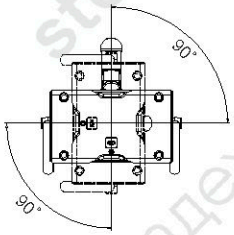
Camera	Specification
Image Sensor	1 / 2.8 CMOS
Number of Pixel	2.38 Mega Pixels
S/N Ratio	More than 50 dB
Shutter Speed	1/1 s to 1/10,000 s
Aperture Control	Yes
White Balance	Auto, Manual
Lens	10x optical zoom f = 3.8 mm (wide) to 38 mm (tele) F1.8 to F3.4
Digital Zoom	12 x
Resolution	Full HD (1080p) 1920 x 1080

Working Range









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