

# Luvis C500

## DENTAL LIGHT WITH HD CAMERA

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 doctor and patients in their good conditions.



Also available in Wall Mount & Ceiling Mount



### Technical Specifications - Luvis C500

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	4,000/4,500/5,5,000	Selectable
C.R.I (Ra)		N/A	95	@4,000K
Input Voltage			AC12~18V	50/60Hz
			DC15V 4.0A	Camera Type / UsingAdapter
Consumption			X<30W	
LED life time			50,000LUX	

### 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

#### 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

#### Wide 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

#### 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.



Luvis CRI



Lower CRI



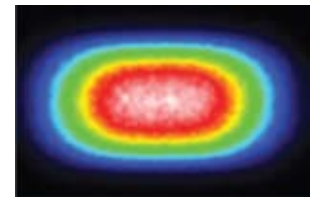
4,000K



4,500K



5,000K



16cm x 9cm (Oval)



Camera	Specification
Image Sensor	1/2.8 CMOS
No. of Pixel	2.38 Mega Pixels
S/N Ratio	More than 50dB
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