

# LED LIGHT SOURCE

LED Body Cavity Illuminator

UNPRECEDENTED SAFETY & RELIABILITY  
SUPERIOR PERFORMANCE  
LED LIGHT SOURCE: UL-9000

# UL-9000



## UNIVLABS LED LIGHT SOURCE

The compact high-performance LED Light Source features high luminance and quiet operation. The device is energy efficient, noiseless and does not require lamp changes since the LED has a life up to 50000 hours.



## FIBER OPTIC CABLE( FOC CABLE )

For the connection of the endoscopy light source with any endoscope, an illumination light-guiding medical cable is being used. A long lifetime is being ensured by using autoclavable materials.



UL-FOC

# TECHNICAL SPECIFICATION

	<b>UL-9000</b>
<b>CONTROL :</b>	Membrane Touch, 10-step dimming for quick intensity control.
<b>MEMORY :</b>	Remembers last used setting.
<b>LED TEMP WARNING :</b>	Auto cut-off on reaching unsafe temperature zone.
<b>COLOR INTEGRITY :</b>	Use of CPC technology instead of glass lens, thus white light for longer period. Fall resistant up to 3 feet height.
<b>SAFE LIGHT :</b>	Light Cable detection. Enters Standby when no light cable.
<b>LIGHT ENGINE :</b>	High-Power LED
<b>LED LIFE :</b>	50000 hours
<b>COLOR TEMPERATURE :</b>	6500k
<b>OPTICAL CABLE COMPATIBILITY :</b>	Default Storz type ( Custom for Olympus, Wolf and Stryker)
<b>SIZE , WEIGHT :</b>	310*120*330 , 5.5 Kg
<b>BRIGHTNESS :</b>	Typically 3800 lm at light source.
<b>LIGHT INTENSITY :</b>	Equivalent to 180 W Xenon and above.
<b>FIBEROPTIC DIAMETER RANGE :</b>	2mm-6mm
<b>CLASSIFICATION AND APPROVALS :</b>	Complies with medical safety standards <b>IEC 60601 -1: 2005</b> <ul style="list-style-type: none"> <li>▪ Complies with medical EMC standard</li> <li>▪ Class 1 Equipment</li> <li>▪ Type CF applied parts</li> <li>▪ Water Ingress Protection, IPX0 - Ordinary Equipment</li> </ul>
<b>TRANSPORTATION AND STORAGE :</b>	-20°C to 60°C, 10%-75% Relative humidity 700-1060 hpa
<b>ELECTRICAL :</b>	Primary: 100-240 VAC, 50/60 Hz, Power Rating 150 VA, Fuses: Two
<b>OPERATING CONDITION :</b>	5-40°C, 30-95% Relative Humidity
<b>CERTIFICATES :</b>	ISO 9001, ISO 13485



UL - FOC

**TO BOOK YOUR  
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### ABOUT :

- UnivLabs Technologies Pvt. Ltd. was founded in 2015 to design world-class affordable products for India & the world and its supported by the Ministry of Science & the Ministry of Electronics. UnivLabs products are **tested and certified as per international standards (ISO 13485)** and developed at 3 R&D Labs located in Gurugram-Haryana, Bangalore-Karnataka, and an upcoming facility in Lille-France. The company is already **present in more than 2000 hospitals in India and abroad.**
- Univlabs believes that cutting-edge, world-class medical devices should be available to all healthcare providers regardless of their clinic size or geographical disadvantage.
- UnivLabs is an innovative company with **11 patents filed & 2 granted** and developing technology related to Endoscope Tower, Surgical Robot, Artificial Intelligence (AI) solution for image-based Digital Pathology, Wearable Insulin Patch Pump, and Implants for post-operative surgical tissue support and care.
- The **Cloud Connected 4K Endoscope tower** is the first of its kind and comes with an innovative service model called **One Button Service Request. OBSR** has reversed the traditional service model, wherein the hospital staff has to just push the OBSR button on the tower and call the service team for any technical help.

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