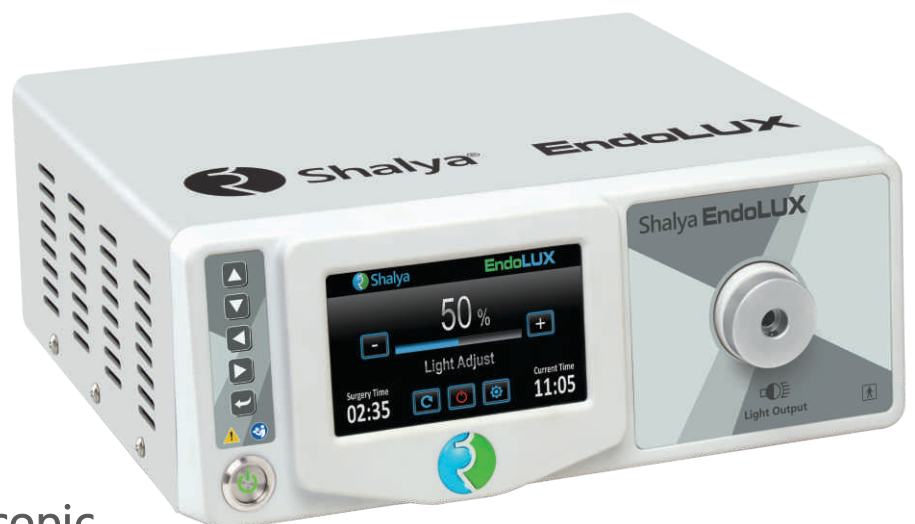


Add Hi-Tech Precision to your Surgical Expertise...



## First **CCT** Endolights... Complete Lacunar Vision

- Constant Current Technology.
- No heat emission.
- High Color Rendering Index.
- Surgery & real time display.



Endoscopic  
Light Source

US  
FDA

CE



ISO  
13485



## Technical Specifications of Shalya EndoLUX

Light Source Type	LED
LED Brightness	4230 lumens
Fiber Interface	Storz fiber (Ø: 4.8 mm)
Noise	< 50 db
Brightness Control	1 to 30 ( in steps of 1 ), 30 to 50 ( in steps of 2 ), 50 to 100 ( in steps of 5 )
Light Color	Cool white (Daylight)
Color Temperature	6500 K +/-600
Life	>50,000 h
Color Rendering Index	> 75
Input Voltage	95 to 264 VAC, 50/60 Hz
Maximum Power Consumption	150 W
Touch Control Panel	5" LCD screen
Design Standard	General Safety Standards: IEC 60601-1-1 EMI/EMC Compatibility Standard: IEC 60601-1-2 Endoscopic Equipment Safety Standard IEC 60601-2-18

## Features of Shalya EndoLUX

- **Constant Current Driving Technology** ensures consistent Color temperature, **CRI** & maintains the light intensity throughout the procedure.
- **Better Substitute to Xenon Source:** Luminous output, CCT and CRI of the light are comparable with a typical **300W** Xenon Lamp, while consuming less power.
- **High CRI (Ra):** Color Rendering Index (Ra) > 75 signifies that the entire visible light spectrum is perceived, enabling visualization of **finest variation in tissue color**.
- **Steady Light Output: Flicker free** LED light source which ensures clear view as well as assures **acquisition of clear images** of tissue.
- **No Undesired Heat: No emission of UV and IR** from the LED source, which avoids any **undesired heating of tissue**.
- **Automatic Shut off:** With **special detection sensors**, abrupt disconnection of fiber cable automatically shuts off the light, providing operator safety due to anti-dazzle feature & avoiding power wastage.
- **Surgery Timing Indicator** indicates the time from the onset of surgery as well as the standard time according to the set time zone with **lifetime usage indicator**.
- **Plug & Start :** As **no warm up & cool down time** required , unit turns on and off immediately.
- **Enhanced Source Life:** Long Life LED (>60,000 hours), eliminates the need of **frequent replacement**, reducing the maintenance cost and environmental waste.
- **Automatic Cooling System for LED:** Detects temperature & turns on fan only if it's required which helps in **power saving**.
- **Surgery History:** Maintains upto last **100 surgery records** for Medico legal compliance.
- **Device Usage Indicator :** Displays the total usage time of the device in hours.
- **Control** via **USB/Ethernet/CAN** for centralized control in conjugation with other Shalya OT equipments.

## Applications of Shalya EndoLUX

Endoscopy (General, Gastroenterological and Urology), Arthroscopy, Endoscopic Spine Surgery & ENT Surgery, Laparoscopy (Urology, General and Gynecological Surgery)

Storz's size Fibre Optic Endoscopy Cable  
4.8mm , 2.3mtr Length

Other instrument end fittings available



Available at:

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