



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



iLUX 10
Mobile Stand

**"With right light....
Comes right vision"**



Shalya iLUX Series

- Highest Lumen to Watt Ratio
- German Spring Arms
- Light Head Control Touch Panel
- High Colour Rendering Index (CRI)
- Laminar Flow Friendly Design



iLUX 12

iLUX 10



Technical Specifications

Parameter	iLUX 12	iLUX 10
Max light intensity	120 000 lux	160 000 lux
Dimming Range	25-100%	25-100%
Field Diameter(spot)	150-300mm	150-300mm
D10	300mm	300mm
D50	160mm	160mm
Focal depth (L1 + L2) EN 60601 v2008 (60%)	600mm	600mm
Focal depth (L1 + L2) EN 60601 v2003 (20%)	1000mm	1000mm
Color Temperature	4000K	4000K
CRI (Ra)	>94 (4000 K)	>94 (4000 K)
R9	>90 (4000 K)	>90 (4000 K)
LED's Life time	>60,000 hrs	>60,000 hrs
No. of LED	18	24
Endoscopic mode	5% Dimming	5% Dimming
Power Consumption	50 W	80 W
Lamp head diameter	495mm	590mm
Focusing	Electronic	Electronic
On Light Panel	Available	Available
Remote Control	NA	Optional
Wallmount	NA	Optional

Combinations

Single Dome

Fixed Colour: 12-M/W/O, 10-M/W/O

Combination

12-12, 12-10, 10-10

Other Premium Combination Available

Options: M=Mobile, W=Wall,

O= Central Axis 360°, C=Camera, D=Display/Monitor

CA=Camera Arm, DA= Display Arm



Wallmount Control



Remote Control

Features

- Light head control touch panel.
- Synchronized or separate control of light domes.
- Pulse width Modulation control of LEDs for less heating.
- Radiant energy is <math>< 3.2\text{mW}/\text{lm}^2</math> with increased light life.
- No change in Light color output throughout life cycle.
- Temperature rise at the surgeon head level is <math>< 2^\circ\text{C}</math>.
- Electronic focusing for changing the lighting field diameter.
- High power LEDs provides high lumen to watt ratio with less energy.
- High CRI & R9 for critical super specialty surgical applications.
- Indicative alarm with failed module no. for easy replacement.
- Obstacle sensing to maintain the intensity without temperature rise. (Upgradable)
- Laminar flow friendly, ensure air flow from ceilings to sterile field.
- Sterilizable/ detachable light control handle.
- Efficient design with LEDs directly mounted on aluminium body.
- Remote control & Wall mount control is Optional (for iLUX 10)
- Product Compliance to IEC60601-1, IEC60601-2, IEC60601-2-41, IEC60364-7-710

