



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

US
FDA

CE



ISO
13485

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{Im}^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

