

# LED OPERATING LIGHT

## Model no: USI - LED 48 D



USI - LED 48D

USI - LED 48S



USI - LED 48M



### Advantages & Features

- OT light with Lamp head of 500mm dia. made up of aluminium.
- Streamlined, ultra-thin, enclosed lamp head with reduced air resistance to minimise contamination.
- LED bulb are from OSRAM (Germany) & HD Lens from Italy.
- The light beam is as bright as the sunlight without shadow and still keep uniform even parts of light source is sheltered by the shoulder, hands and head of the surgeon.
- Digital Controlled light intensity with step less adjustment for brightness and colour temperature.
- One touch conversion to ENDO MODE.
- Built-in Switch Mode Power Supply (SMPS) systems (Made in Taiwan) avoiding complicated installation of heavy wall mounted control boxes/Stabilizers .

### Technical Specification :

| DETAILS                 | USI - 48D                                               | USI - 48S /M |
|-------------------------|---------------------------------------------------------|--------------|
| Illumination (LUX)      | 40,000 - 160,000 each dome                              |              |
| Illumination Adjustment | 10% - 100% (Stepless)                                   |              |
| Color Temperature       | 4500 °K                                                 |              |
| Colour Rendering index  | 92-95                                                   |              |
| Number of LED's         | 48 each dome                                            |              |
| Spot diameter           | 120 - 250 mm                                            |              |
| Depth of illumination   | 1000 mm                                                 |              |
| Focus system            | Through autoclave handle provided in the center of dome |              |
| ENDO Mode               | Available                                               |              |



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