



**LUMINOX PRO**  
Always in focus...

## TECHNICAL SPECIFICATIONS

|                                       | LUMINOX - K        |
|---------------------------------------|--------------------|
| Central illuminance (at 1m distance)  | 1,60,000 Lux       |
| Light field diameter (at 1m distance) | 150mm - 300mm      |
| Light head diameter                   | 650mm              |
| Depth of illuminance (20%)            | 1200mm             |
| Correlated color temperature          | 3,500K - 5,500K    |
| Color rendering index (Ra)            | 95                 |
| Dimming Range                         | 0 - 100% (10 Step) |
| Service life of bulb                  | 50,000 hrs         |
| Power supply                          | 200 -240 V 50/60Hz |
| Bulb power consumption                | 85 W               |
| Minimum spring arm stroke             | 500mm              |
| Complete action radius                | 1500mm             |
| Temperature rise at the surgeon head  | 2°C                |
| Battery Backup ( <i>Optional</i> )    | 1-2 hrs            |

**NOTE** : All values confirm to IEC 60601-2-41 & are subject to general industrial tolerance  $\pm 5\%$

In accordance with the IEC 60601-2-41 standard, the maximum illuminance must not exceed 160,000 lux the industrial tolerance -5%

The above mentioned specifications of Luminox Series are available in Single dome, Double dome, Triple dome & Mobile dome configuration.

## OPTIONAL ACCESSORIES



Full HD Camera



Monitor Arm



Full HD Monitor



Battery Backup

**LUMINOX PRO**  
Always in focus...

## CAMERA SPECIFICATIONS (OPTIONAL)

|                            | 2MP Camera -B               | 2MP Camera -C | 4MP Camera -D                    | 4MP Camera -F |
|----------------------------|-----------------------------|---------------|----------------------------------|---------------|
| Image sensor               | 1/2.8" 2MP Sony IMX462 CMOS |               | 1/3-type CMOS (Progressive Scan) |               |
| Effective number of pixels | 2.13 M Pixels               |               | 4.08 M pixels                    |               |
| Signal system(HD)          | 720p, 1080p                 |               | 720p, 1080p                      |               |
| Video Output               | SDI                         | HDMI          | SDI                              | HDMI          |
| Zoom                       | 10X optical, 32X digital    |               | 10X optical, 16X digital         |               |
| White balance              | Auto                        |               | Auto                             |               |
| Exposure                   | Auto, Manual                |               | Auto, Manual                     |               |
| Shutter speed              | 1/30(25) - 1/30,000 sec     |               | 1/1 to 1/10,000 sec              |               |
| Focusing system            | Auto, Manual, One push      |               | Auto, Manual, One push           |               |

## CONFIGURATIONS



## CERTIFICATIONS & TEST REPORTS

|  |                |  |
|--|----------------|--|
| ISO 9001:2015  | ISO 13485:2016 | CDSCO file no. : Eclips-Thane-MH/M/MD/001760 |
| CE and US FDA Certified  |                |  |
| IEC 60601-1 Medical electrical equipment Part 1: General requirements for safety and essential performance                     |                |  |
| IEC 60601-1-2 Medical electrical equipment Part 1-2: Collateral standard Electromagnetic compatibility - Requirements and test |                |  |
| IEC 60601-2-41 Basic safety and essential performance of Surgical luminaires and luminaires for diagnosis                      |                |  |
| IEC 60601-1-6 Collateral standard- Usability   |                |  |

For More Info On Sales Contact



Matrix Medicals Pvt. Ltd.

Tel : +91 98212 35552 | +91 73044 11454

Email : [info@matrixmedicals.in](mailto:info@matrixmedicals.in)

[www.matrixmedicals.in](http://www.matrixmedicals.in)

A Product By



[www.epmdgroup.com](http://www.epmdgroup.com)