

## ASTRAMAX HD-LED SURGICAL LIGHT

AMAX30\*CONFIG



### PRODUCT DESCRIPTION

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**The Astramax HD Led range of theatre lights offer many benefits not found in other similar price lights such as; red balance control, full-spectrum colour rendition and fat beam illumination.**

The Astramax high-definition LED surgical light with its ultra-slim and light-weight lamp head enables smooth, fast and precise positioning during procedures. This high-quality light is a compact yet powerful surgical light with an impressive 160,000 Lux output, comparable with much larger surgical lights.

#### Key Features :

- HD-LED Technology
- High performance compact surgical light
- LED life of 60,000 hours
- 150,000 Lux
- Large movement range
- Economical
- Environmentally friendly
- Lamp head sealed to IP54
- Shadow control
- 5-100% light intensity control

#### Full Spectrum Colour Rendition

The only surgical lighting with near-perfect colour rendition across the full visible spectrum. Natural white light picks out all the visible colours for your eyes so you can clearly see without eye strain.

- Easy to distinguish small differences in tissue
- All the colours are strong and vibrant
- Reduced eye strain by making the light do the work instead of the eye

## **HD - LED**

HD-LED is a brand new technology with vastly better performance than standard definition LED or conventional surgical lights. Unique to the Astramax models.

## **Infection Control**

The lamp head is sealed to IP54 to protect from the ingress of dirt and fluids. The smooth surfaces of the lamp head allow for easy disinfection. The lamp head is maneuvered using a sterilisable handle.

## **Fat Beam Illumination**

More light flux provides the biggest beams of light in the business, bigger illuminated fields and more light across the full width of the illuminated area.

- High light intensity across the full illuminated area for uniform vision
- Avoids visual distraction by reducing high contrast in the illuminated area
- Adjust the beam size to suit your working area to eliminate peripheral distraction

## **Red Balance Control**

The highest R9 red colour rendition of any other product provides the optimum visualisation of red tissues. Red balance enhancement compensates for our natural weakness in distinguishing shades of red and is user adjustable to fine-tune the light to match our own red vision and the surgical conditions.

- Enhanced visualisation of red tissues
- Improved differentiation between tissues of similar colour
- You can adjust the light colour to match your own optical colour response

## **Shadow Control**

By spreading the LEDs across the whole lighting surface, a much better distribution of light is provided from the lamphead. This enables excellent shadow control to under light obstructions during procedures.

### Large Movement Range

The Astramax HD-LED lamp head is mounted on multi-movement arm mechanisms capable of positioning the lamp head within an exceptionally wide envelope of movement. The lamp has 5 rotations to allow easy positioning of the light beam from any angle.

### Economical

Providing exceptional performance at a competitive price with minimal running costs. Using less than 50 Watts of power and with 40,000 hours of LED life, Astramax continually saves money on energy and maintenance.

Data Common To All Models		
Lux	1m	150,000
Colour Rendition Index	Ra	95
Colour Rendition (Red)	R9	95
Colour Temperature	Kelvin	3,100 - 5,000
LED Life	Hours	60,000 Hours
Power Consumption	Watts	<50
Endoscope Settings		5%
Beam Size	D10	90-320mm
Weight (Ceiling, Wall, Mobile)		15Kg, 11Kg, 30Kg

### ADDITIONAL INFORMATION

<b>Animal</b>	N/A
<b>SKU</b>	AMAX30*Config
<b>Colour/Style</b>	White
<b>Brand</b>	Brandon
<b>Autoclavable Handle</b>	Yes
<b>Battery Backup</b>	No
<b>Colour Control</b>	Yes
<b>Colour Temperature (k)</b>	3,100k - 5,000k (3 Step)
<b>Focusable</b>	No
<b>LED Life (hours)</b>	60,000
<b>Light Source</b>	LED
<b>Lux @1 meter</b>	150,000
<b>Produceure</b>	Minor-Operation, Theatre

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