

# Examination & Surgical Lighting

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## Surgical Lighting - Astramax AM30 Mobile, 150kLux

### Features

- Full spectrum colour rendition, allows small differences to be easy to distinguish
- Fat beam illumination ensures high light intensity across the full illuminated area
- Red balance control provides enhanced visualisation of red tissues, & improved differentiation between tissues of similar colour
- Ultra slim & light-weight lamp head enables smooth, fast & precise positioning during procedures
- Astramax HD-LED® provides 150,000 Lux output at 1 metre & offers a long life of >60,000 hours, equating to more than 20 years of normal use
- A large illuminated area of 320mm diameter makes it easier to illuminate large areas of tissue & target light onto the wound
- An even spread of LEDs across the lighting surface ensures even distribution & enables excellent shadow control
- The lamp head is mounted on arms with a multi-movement mechanism, allowing positioning within a wide envelope of movement
- Five rotations allow easy positioning of the light beam from any angle
- Uses less than 50 watts of power & with >60,000 hours of LED life, Astramax HD-LED® saves money on energy & maintenance
- Base fitted with four castors allows the light to be easily positioned
- The lamp head is sealed to IP54 to protect from ingress of dirt fluids, whilst smooth surfaces of the lamp head allow for easy disinfection
- The lamp head is manoeuvred using a sterilisable handle (disposable handles are available as an option)
- Integral emergency backup battery provides 3hrs life (minimum)

### Dimensions (w x d x h)

- 5EXL/AM30MO - 620 x 630 x 1608mm
- 5EXL/AM30MEL - 564 x 630 x 1608mm

### Standard Colours

- White



5EXL/AM30MEL  
With backup battery

Item	Description	Weight
5EXL/AM30MO	Surgical Lighting - Astramax 30 Series Lamp (150kLux), Mobile, UK Plug Lead	18.0kg
5EXL/AM30MEL	Surgical Lighting - Astramax 30 Series Main Lamp (150kLux) Mobile, UK Plug Lead, Integral Emergency Backup Battery	32.0kg

# Minor Surgical & Examination Lighting - Astralite® ALE10 Mobile, 100kLux

## Features

- Full spectrum colour rendition, allows small differences to be easy to distinguish
- Fat beam illumination ensures high light intensity across the full illuminated area
- Red balance control provides enhanced visualisation of red tissues, & improved differentiation between tissues of similar colour
- The Astralite® warm / cold range ensures excellent visualisation of skin issues for all skin tones
- Astralite® HD-LED® provides 100,000 Lux output at 1 metre & offers a long life of >50,000 hours, equating to more than 20 years of normal use
- A large, illuminated area of 250mm diameter makes it easier to illuminate large areas of tissue, & target light into the wound
- Easy to use controls...
  - Auto-on when any control is touched
  - Focusable beam by twisting the handle
  - Light intensity control (8 steps)
  - Adjustable colour by red balance control
- Ultra slim & light-weight lamp head enables smooth, fast & precise positioning during procedures
- The lamp head is mounted on arms with a multi-movement mechanism, allowing positioning within a wide envelope of movement
- Five rotations allow easy positioning of the light beam from any angle
- Uses less than 50 watts of power & with >50,000 hours of LED life, Astralite® HD-LED® saves money on energy & maintenance
- Base fitted with four castors allows the light to be easily positioned
- The lamp head is sealed to IP54 to protect from ingress of dirt fluids, whilst the use on anti-microbial & smooth surfaces allow for easy disinfection
- The lamp head is manoeuvred using a sterilisable handle (disposable handles are available as an option)
- Integral emergency backup battery provides 3hrs life (minimum)

## Dimensions (w x d x h)

- 5EXL/ALE10MO - 620 x 630 x 1608mm
- 5EXL/ALE10MEL - 620 x 630 x 1608mm
- 5EXL/ALE10MTA - 620 x 630 x 1608mm
- 5EXL/ALE10MTD - 564 x 630 x 1608mm

## Standard Colours

- White



5EXL/ALE10MEL  
With backup battery

Item	Description	Weight
5EXL/ALE10MO	Minor Surgical & Examination Lighting - Astralite 10 Series Lamp (100kLux), Mobile, UK Plug Lead	16.0kg
5EXL/ALE10MEL	Minor Surgical & Examination Lighting - Astralite 10 Series Lamp (100kLux), Mobile, UK Plug Lead, Integral Emergency Backup Battery	30.0kg
5EXL/ALE10MTA	Minor Surgical & Examination Lighting - Astralite 10 Series Lamp (100kLux), Mobile, Telescopic Column, UK Plug Lead, Built in Power Supply Unit	11.0kg
5EXL/ALE10MTD	Minor Surgical & Examination Lighting - Astralite 10 Series Lamp (100kLux), Mobile, Telescopic Column, UK Plug Lead, Plug-Top Transformer	11.0kg

## Minor Surgical & Examination Lighting - Astralite® AL10 Mobile, 70kLux

### Features

- Full spectrum colour rendition, allows small differences to be easy to distinguish
- Flat beam illumination ensures high light intensity across the full illuminated area
- Red balance control provides enhanced visualisation of red tissues, & improved differentiation between tissues of similar colour
- The Astralite® warm / cold range ensures excellent visualisation of skin issues for all skin tones
- Astralite® HD-LED® provides 70,000 Lux output at 1 metre & offers a long life of >50,000 hours, equating to more than 20 years of normal use
- A large, illuminated area of 250mm diameter makes it easier to illuminate large areas of tissue & target light into the wound
- Easy to use controls...
  - Auto-on when any control is touched
  - Focusable beam by twisting the handle
  - Light intensity control (8 steps)
  - Adjustable colour by red balance control
- Ultra slim & light-weight lamp head enables smooth, fast & precise positioning during procedures
- The lamp head is mounted on arms with a multi-movement mechanism, allowing positioning within a wide envelope of movement
- Five rotations allow easy positioning of the light beam from any angle
- Uses less than 50 watts of power & with >50,000 hours of LED life, Astralite® HD-LED® saves money on energy & maintenance
- A five-star base allows the light to be easily positioned
- The lamp head is sealed to IP54 to protect from ingress of dirt fluids, whilst the use on anti-microbial & smooth surfaces allow for easy disinfection
- The lamp head is manoeuvred using a sterilisable handle (disposable handles are available as an option)
- Integral emergency backup battery provides 3hrs life (minimum)

### Dimensions (w x d x h)

- 5EXL/AL10MO - 620 x 630 x 1608mm
- 5EXL/AL10MTA - 620 x 630 x 1608mm
- 5EXL/AL10MTD - 620 x 630 x 1608mm

### Standard Colours

- White



Item	Description	Weight
5EXL/AL10MO	Minor Surgical & Examination Lighting - Astralite 10 Series Lamp (70kLux), Mobile, UK Plug Lead	16.0kg
5EXL/AL10MTA	Minor Surgical & Examination Lighting - Astralite 10 Series Lamp (70kLux), Mobile, Telescopic Column, UK Plug Lead, Built in Power Supply Unit	11.0kg
5EXL/AL10MTD	Minor Surgical & Examination Lighting - Astralite 10 Series Lamp (70kLux), Mobile, Telescopic Column, UK Plug Lead, Plug-Top Transformer	11.0kg

# Examination Lighting - Coolview®, CLED23™ TX, Articulated Arm, Mobile, 60kLux

## Features

- Coolview® CLED23™ provides 60,000 Lux output at 0.5 metre
- Light intensity can be altered through 4 easily selectable settings, providing a suitable level of intensity for all procedures
- A large, illuminated area of 210mm diameter makes it easy to examine large areas of tissue & makes it easier to target the light on the patient
- CLED23™ reproduces all of the visible colours naturally & accurately. The high Ra of 95 describes the exceptionally high quality of white light whilst the high R9 of 90 measurement describes how it accurately reproduces visible red
- CLED23™ allows the user to adjust the colour temperature of the light source, enhancing the clinician's ability to recognise & distinguish tissue conditions. The warm white (3,500°K) setting is ideal for dermatological examinations, whilst the daylight white setting (4,500°K) is ideal for the recognition of blood vessels
- The Coolview® CLED23™ light head has 360° rotation, allowing the user to position the light beam to suit any procedure, without any restrictive stops or twisted cables
- The examination light can be used to provide ambient room lighting by reflecting light from the ceiling, a feature often used in neonatal care to provide night lighting
- Uses less than 50 watts of power & with >30,000 hours of LED life, saves money on energy & maintenance
- The long, 1200mm arm reach ensures the powerful beam can be positioned all around the patient couch, allowing for 'head to toe' examination of the patient without the need for patient repositioning
- An innovative spring-based arm system ensures the light is positioned effortlessly, remains fixed in place & is maintenance-free
- A five-star base allows the light to be easily positioned
- The light head is sealed to IP20, protecting from ingress of dust & moisture
- The easy to use & ergonomic control pod allows all lighting to be adjusted with a simple press of a button

## Dimensions (w x d x h)

- 5EXL/CLED23TXMP - 700 x 700 x 1600mm

## Standard Colours

- White



Item	Description	Weight
5EXL/CLED23TXMP	Examination Lighting - Coolview CLED23 TX Series Lamp (60kLux), Articulated Arm, Mobile, UK Plug Lead	8.6kg

## Examination Lighting - Coolview<sup>®</sup>, CLED10<sup>™</sup> ST, Flexible Arm, Mobile, 50kLux

### Features

- Coolview<sup>®</sup> CLED10<sup>™</sup> provides 50,000 Lux output at 0.5 metre
- A large, illuminated area of 180mm diameter makes it easy to examine large areas of tissue
- CLED10<sup>™</sup> reproduces all of the visible colours naturally & accurately. The high Ra of >93 describes the exceptionally high quality of white light whilst the high R9 of >90 measurement describes how it accurately reproduces visible red
- The colour corrected light source with a colour temperature of 4,400°K allows for accurate representation of tissues during examination
- The Coolview<sup>®</sup> CLED10<sup>™</sup> offers a 280° lamp head rotation with an ergonomic handle offering control of the light
- The flexible arm ensures positional accuracy and good durability. The sealed construction protects against contamination
- A five-star base allows the light to be easily positioned
- The light head is sealed to IP20, protecting from ingress of dust & moisture
- Uses less than 50 watts of power & with >30,000 hours of LED life, saves money on energy & maintenance

### Dimensions (w x d x h)

- 5EXL/CLED10STMP - 700 x 700 x 1600mm

### Standard Colours

- White



Item	Description	Weight
5EXL/CLED10STMP	Examination Lighting - Coolview CLED10 ST Series Lamp (50kLux), Flexible Arm, Mobile, UK Plug Lead	8.6kg

# Examination Lighting - Coolview®, CLED30™ SH, Flexible Arm, Mobile, 30kLux

## Features

- Coolview® CLED30™ provides 30,000 Lux output at 0.5 metre
- Ideal for general examination within GP consulting & examination rooms
- The bright white LED light renders skin tones realistically, essential for correct diagnosis
- The ergonomics of the head combined with the flexible, stable arm allows for light & effortless positioning. The sealed construction protects against contamination
- The colour corrected light source with a colour temperature of 4,400°K allows for accurate representation of tissues during examination
- A five-star base allows the light to be easily positioned
- The light head is sealed to IP20, protecting from ingress of dust & moisture
- Uses less than 50 watts of power & with >50,000 hours of LED life, saves money on energy & maintenance

## Dimensions (w x d x h)

- 5EXL/CLED30SHM - 700 x 700 x 1600mm

## Standard Colours

- White



Item	Description	Weight
5EXL/CLED30SHM	Examination Lighting - Coolview CLED30 SH Series Lamp (30kLux), Flexible Arm, Mobile, UK Plug Lead	9.1kg

## Examination Lighting - Coolview<sup>®</sup>, CLED53 FX<sup>™</sup>, Articulated Arm, Mobile, 50kLux

### Features

- Coolview<sup>®</sup> CLED53<sup>™</sup> provides 50,000 Lux output at 0.5 metre
- Ideal for medical consultations & examinations in primary care & medical clinics
- The easily accessible & intuitive controls offer 5 levels of brightness
- The colour corrected light source can be adjusted between 3,300, 3,800 & 4,400°K providing the clinician with accurate representation & visualisation of the site under examination
- Coolview<sup>®</sup> CLED53<sup>™</sup> offers a high CRI Ra of  $\geq 93$  which describes the exceptionally high quality of white light & excellent overall rendition, whilst the high CRI R9 value of  $\geq 90$  can help to enhance visualization of areas where red is more predominant
- The spring balanced arm with the base rotation of 360° ensures smooth & easy positioning
- A five-star base allows the light to be easily positioned
- The light head is sealed to IP20, protecting from ingress of dust & moisture
- Uses less than 50 watts of power & with >50,000 hours of LED life, saves money on energy & maintenance

### Dimensions (w x d x h)

- 5EXL/CLED53FXMP - 620 x 660 x 1600mm

### Standard Colours

- White



Item	Description	Weight
5EXL/CLED53FXMP	Examination Lighting - Coolview CLED53 FX Series Lamp (50kLux), Articulated Arm, Mobile, UK Plug Lead	8.8kg

# Examination Lighting - Coolview®, CLED50™ SX, Flexible Arm, Mobile, 50kLux

## Features

- Coolview® CLED50™ provides 50,000 Lux output at 0.5 metre
- Ideal for medical consultations & examinations in primary care & medical clinics
- The easily accessible & intuitive controls offer 5 levels of brightness
- The colour corrected light source with a colour temperature of 4,400°K allows for accurate representation of tissue during examination
- Coolview® CLED50™ offers a high CRI Ra of > 93 which describes the exceptionally high quality of white light & excellent overall rendition, whilst the high CRI R9 value of > 90 can help to enhance visualization of areas where red is more predominant
- The SX arm with base rotation of 360° ensures smooth & easy movement with its enhanced, stable, flexible arm for precise positioning
- A five-star base allows the light to be easily positioned
- The light head is sealed to IP20, protecting from ingress of dust & moisture
- Uses less than 50 watts of power & with >50,000 hours of LED life, saves money on energy & maintenance

## Dimensions (w x d x h)

- 5EXL/CLED50SXMP - 700 x 700 x 1600mm

## Standard Colours

- White



Item	Description	Weight
5EXL/CLED50SXMP	Examination Lighting - Coolview CLED50 SX Series Lamp (50kLux), Flexible Arm, Mobile, UK Plug Lead	8.8kg

## Illuminated Magnifier - Optica MDV Optimal Colour Magnifier, Articulated Arm, Mobile

### Features

- Large magnifier diameter of 157mm combined with 1.9x (3.5dpt) magnification allows the user to focus on fine details through a large-scale view
- 6,500°K LEDs ensure less shadow formation and optimal colour rendering
- The exceptional Ra of >93 accurately displays the high quality of white light & the R9 value >90 describes how accurately the user can differentiate between red tissues
- Reinforced friction joints & an aluminium spring balanced arm allows a broad reach of up to 142cm without the lamp head drifting, allowing smooth handling for users to examine typically harder to reach places with ease
- A five-star base allows the light to be easily positioned
- The light head is sealed to IP20, protecting from ingress of dust & moisture
- Uses less than 50 watts of power, & with >50,000 hours of LED life, saves money on energy & maintenance
- A durable lens cover protects the magnifier lens from dust or potential scratches. Magnifiers can be a potential fire risk if left in direct sunlight

### Dimensions (w x d x h)

- 5EXL/OPTICAMDVM - 700 x 700 x 1600mm

### Standard Colours

- White



Item	Description	Weight
5EXL/OPTICAMDVM	Illuminated Magnifier - Optica MDV Optimal Colour Magnifier, Dimmable, 160mm 3.5 Diopter Lens, Articulated Arm, Mobile, UK Plug Lead	9.6kg

# Illuminated Magnifier - Optica WDS Woods Light Magnifier, Articulated Arm, Mobile

## Features

- Other Woods lights require the room to be completely darkened to use, yet due to powerful BLB LEDs within the WDS light, it can function without this
- Optica is an approved medical device, which means that it can be used for a wide range of applications, including...
  - Dermatology
  - Human medicine
  - Dentistry
  - Veterinary medicine
  - Monitoring sterilised products
- Large magnifier diameter of 157mm combined with 1.9x (3.5dpt) magnification allows the user to focus on fine details through a large-scale view
- 6,500°K LEDs ensure less shadow formation and optimal colour rendering
- The exceptional Ra of >93 accurately displays the high quality of white light & the R9 value >90 describes how accurately the user can differentiate between red tissues
- Reinforced friction joints & an aluminium spring balanced arm allows a broad reach of up to 142cm without the lamp head drifting, allowing smooth handling for users to examine typically harder to reach places with ease
- A five-star base allows the light to be easily positioned
- The light head is sealed to IP20, protecting from ingress of dust & moisture
- Uses less than 50 watts of power & with >50,000 hours of LED life, saves money on energy & maintenance
- A durable lens cover protects the magnifier lens from dust or potential scratches. Magnifiers can be a potential fire risk if left in direct sunlight

## Dimensions (w x d x h)

- 5EXL/OPTICAWDSM - 700 x 700 x 1600mm

## Standard Colours

- White

The Woods light uses UV to pick up on skin conditions that may be missed using a standard LED light, refer to the chart...

Diagnosis Indication	Colour Indication
Erythrasma	Red fluorescence
Microsporia	Weak green fluorescence
Favus	Bilious green fluorescence
Trichobacteriosis Axillaris	Yellow ochre coloured fluorescence
Pityriasis Vericolor	Yellow ochre coloured fluorescence
Tuberous Sclerosis	Blue-white fluorescence versus normal skin
Vitiligo	Blue-white fluorescence of depigmented areas
Scabies	Grey-white mite tracks

Item	Description	Weight
5EXL/OPTICAWDSM	Illuminated Magnifier - Optica WDS Woods Light Magnifier, Dimmable, 160mm 3.5 Diopter Lens, Articulated Arm, Mobile, UK Plug Lead	9.6kg

