

Coolview®

The Brightest LED Examination Lights



Coolview® Accurate Illumination For All Your Examination Needs



“Brandon Medical is a UK manufacturer and designer of world-leading technology for operating theatres, critical care areas and primary care institutions. For over 70 years, Brandon Medical has provided healthcare professionals with reliable, high-quality and affordable medical equipment. Continuous investment in our products allows us to meet the ever-changing needs of our customers, the healthcare industry and the patients it serves.”



Lights to suit all of your clinical needs

Brandon Medical provides a comprehensive range of LED medical lights to suit all of your clinical needs. Brandon Medical's LED medical lights use the latest innovations in LED lighting technology to provide you with better performance and lower lifetime costs. The choice of medical lights we offer vary in light intensity, light colour, mounting structures and price so you can choose a light that meets all of your clinical examination needs.





Coolview® CLED10



Coolview® Eco

Premium Performance

Coolview® CLED23™

Advanced best-in-class lighting intensity, anti-microbial examination lamp.

Coolview® CLED23™ delivers the highest lighting performance and colour corrected light, reducing eye strain making the focus of the light vivid and tissues easily identified.

General Examination

Coolview® CLED11™ SX & FX

Bright natural light, high intensity compact examination lamp.

CLED11™ examination lamp is the perfect mid-range lamp for a wide range of procedures. The CLED11™ provides a high intensity, bright natural light, perfect for medical consultation in primary care and medical clinics.

Coolview® CLED10™

Compact, high intensity examination lamp with slimline light head.

CLED10™ examination lamps use unique diamond optics to reflect light at different angles. Ideal for primary care areas.

Economical

Coolview® Eco™

Lighting performance to suit your healthcare speciality and your budget.

Coolview® Eco™ emits an intense white bright light using only 7 watts of power.

Coolview® CLED23™ Premium Performance



Coolview® CLED23™ provides uncompromising lighting performance for the clinician. Its high intensity performance and colour corrected light make the focus of the examination vivid and natural. The CLED23™ is a perfect light for dermatology, ENT, Gynaecology and sensitive areas such as neonatal and ICU departments.

Highest Light Quality

CLED23™ emits 60,000 Lux of intense bright light at 0.5m, providing a pool of clear light during procedures. The light intensity can be altered through 4 easily selectable settings providing a suitable level of intensity for all procedures.

Large Illuminated Area

A large illuminated area of 190mm diameter makes it easy to examine large areas of tissue and makes it easier to target the light on the patient.

High Colour Rendition

CLED23™ reproduces all of the visible colours naturally and accurately. The high R_a of ≥ 95 describes the exceptionally high quality of white light whilst the high R_g of ≥ 90 measurement describes how it accurately reproduces visible red.

Colour Control Settings

CLED23™ allows the user to adjust the colour temperature of the light source. This enhances the clinician's ability to recognise and distinguish tissue conditions. The warm white (3,500°K) setting is ideal for dermatological examinations and the daylight white setting (4,500°K) is ideal for the recognition of blood vessels.



Day Light



Warm Light

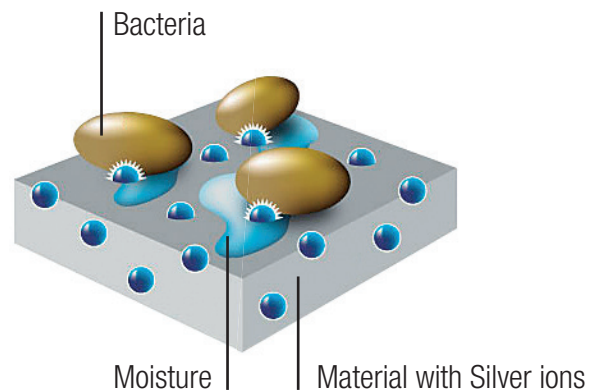




Sanitized® for Lasting Protection

The CLED23™ uses an anti-microbial active substance which is moulded into the lamp head, inhibiting the growth of micro organisms including MRSA. This is more than an external coating and allows the lamp to be permanently resistant to contamination.

The Science Behind the Sanitizing



The anti-microbial substance is integrated into the light head during manufacturing. It inhibits the growth of and proliferation of microbes and bacteria whilst the silver ions destabilise the cell membrane. This prevents the bacteria from multiplying. Tests have shown that 99% of bacteria and germs are destroyed using the Sanitized® active substance.

To find out more visit:
www.sanitized.com/en.html



Environmentally Friendly

16 powerful and long lasting LEDs (30,000 hours) provide a maintenance free light source whilst using minimal power consumption. The LEDs do not contain mercury, lead, cadmium, CFCs, POPs, VOCs or halogens.

Coolview® CLED23™ Premium Performance



Full Rotation of Light Head

The Coolview® CLED23™ light head boasts 360° rotation. This allows the user to position the light beam to suit any procedure, without any restrictive stops or twisted cables. This also means the examination light can be used to provide ambient room lighting by reflecting light from the ceiling. This is a feature often used in neonatal care to provide night lighting.

Full Rotation at Ceiling Pole

Ceiling mounted models (CLED23T1C) also have unrestricted 360° rotation at the ceiling pole providing even more positioning flexibility.

Long Arm Reach & Large Angular Movements

The exceptionally long, 1200mm arm reach of the CLED23™ ensures the powerful beam can be positioned all around the patient couch. This allows for 'head to toe' examination of the patient without the need for patient repositioning during examination.

Spring-Balanced Positioning

Innovative spring-balanced arm system ensures the light is positioned effortlessly, remains fixed in place and is maintenance-free.

Fully Enclosed Light Head

The light head is sealed to prevent the ingress of dust and moisture to IP43.





Intuitive Control Panel

The easy to use and ergonomic control pod allows all lighting features to be adjusted with a simple press of the button.



Technical Data

| | |
|---|---|
| Light Intensity (at 0.5m) | 60,000 Lux |
| Illuminance Field | 210mm |
| LED Life | 30,000 hours L70 B50 |
| Colour Temperature | 3,500°K - 4,500°K (2 Steps) |
| Colour Rendition Index (Ra) | ≥95 |
| Colour Rendition Index Red Colour (R ₉) | ≥90 |
| Power Consumption | True Power 14.9W Apparent Power 20VA |
| IP Rating | 20 |
| Head Rotation | 360° |
| Class of Protection | II |
| Safety Standards | EN 60601-1, EN 60601-2-41 |
| Mounting Options | Ceiling, back-plate, desk, mobile, wall & rail |

Part Numbers

| | |
|------------|--------------------------------------|
| CLED23T1C | Ceiling mounted examination light |
| CLED23TXBP | Back-plate mounted examination light |
| CLED23TXDP | Desk mounted examination light |
| CLED23TXMP | Mobile mounted examination light |
| CLED23TXWP | Wall mounted examination light |
| CLED23TXRP | Rail mounted examination light |
| CAR14443 | Coolview® rail mount accessory kit |

All models are supplied as standard with a 1.8m cable terminating in a UK plug.

Additional Wiring Options

| | |
|--------|----------------------------|
| CC1MKL | 1 metre Curly Cord UK Plug |
| CC3MSL | 3 metre Schuko Plug |
| CC3MUL | 3 metre US Plug |

Coolview® CLED11™ LED Examination Lights



Coolview® CLED11™ examination lights are the perfect light source for a wide range of procedures. Providing a high intensity, bright natural light, CLED11™ is perfect for medical consultation in primary care and medical clinics.

Delivering High Illumination

CLED11™ emits 40,000 Lux of bright natural light at 0.5m providing an intense, clear light source for use in general consultation areas.

Perfect Colour

The colour corrected light source with a colour temperature of 4,400°K allows for accurate representation of tissue during examination.

The CLED11™ has a high R_a of ≥ 93 which describes the exceptionally high quality of white light whilst the high R_g of ≥ 90 measurement describes how accurately it reproduces visible red.

Comfortable, Cool Light Source

CLED11™ does not emit any infrared radiation, avoiding heat exposure during examinations.

Large Illuminated Area

A large illuminated area of 180mm diameter makes it easy to examine large areas of tissue and makes it easier to target the light on the patient.

Spring-balanced and Multi-flex Technology

The FX arm ensures smooth, easy positioning and the arm will stay fixed into position without drifting. The arm has a reach of 940mm and includes an integrated transformer.

The SX arm also ensures smooth and easy positioning but has an enhanced flexible arm for precise positioning.

Both have a turn restrictor to prevent the light from being pushed into the wall and locking devices to prevent accidental removal from fixing brackets.

Unrestricted 360° Ceiling Pole Rotation

The Coolview® CLED11™ ceiling mounted examination light boasts unrestricted 360° rotation. This allows the user to position the light beam to suit any procedure, without restrictive stops and twisted cables.



Coolview® CLED11L1C



Coolview® CLED11FXMP



| Technical Data | CLED11FX | CLED11SX |
|---|--|---|
| Light Intensity (at 0.5m) | 40,000 Lux | |
| Illuminance Field | 180mm at 0.5m | |
| LED Life | 30,000 hours L70 B50 | |
| Colour Temperature | 4,400°K | |
| Colour Rendition Index (Ra) | ≥93 | |
| Colour Rendition Index Red Colour (R _g) | ≥90 | |
| Power Consumption | True Power 8-13W Apparent Power 18.1 VA | |
| Arm Reach | 940mm | 850mm |
| Head Rotation | 270° | |
| Class of Protection | II | |
| Safety Standards | EN60601-1, EN60601-2-41 | |
| Mountings | Ceiling, back-plate, desk, mobile, rail & wall | Back-plate, desk, mobile, rail & wall |

CLED11FX Part Numbers

| | |
|------------|--------------------------------------|
| CLED11L1C | Ceiling mounted examination light |
| CLED11FXWP | Wall mounted examination light |
| CLED11FXBP | Back-plate mounted examination light |
| CLED11FXDP | Desk mounted examination light |
| CLED11FXRP | Rail mounted examination light |
| CLED11FXMP | Mobile mounted examination light |
| CAR14443 | Coolview® rail mount accessory kit |

CLED11SX Part Numbers

| | |
|------------|---|
| CLED11SXWP | Wall mounted examination light with multiflex arm |
| CLED11SXR | Rail mounted examination light with multiflex arm |
| CLED11SXB | Back-plate mounted examination light with multiflex arm |
| CLED11SXDP | Desk mounted examination light with multiflex arm |
| CLED11SXMP | Mobile mounted examination light with multiflex arm |
| CAR14443 | Coolview® rail mount accessory kit |

All models are supplied as standard with a 1.8m cable terminating in a UK plug.

Additional Wiring Options

| | |
|--------|----------------------------|
| CC1MKL | 1 metre Curly Cord UK Plug |
| CC3MSL | 3 metre Schuko Plug |
| CC3MUL | 3 metre US Plug |

Coolview® CLED10™ LED Examination Lights



Coolview® CLED10™ examination lights provide excellent lighting performance to suit your healthcare speciality and budget.

Professional Light Quality

Thanks to its unique diamond optics, Coolview® CLED10™ emits 50,000 Lux of intense bright light at 0.5m perfect for medical procedures.

Large Illuminated Area

A large illuminated area of 180mm makes it easy to examine large areas of tissue.

Ergonomic

The CLED10™ offers a 280° lamp head rotation with an ergonomic handle offering control of the light.

Flexibility

The flexible arm ensures positional accuracy and good durability. The sealed construction protects against contamination.

Colour Corrected Light Source

The colour corrected light source with a colour temperature of 4,400°K allows for accurate representation of tissues during examination.

High Colour Rendition

CLED10™ reproduces all of the visible colours naturally and accurately. The high R_a of ≥ 93 describes the exceptionally high quality of white light whilst the high R_g of ≥ 91 measurement describes how it accurately reproduces visible red.



Coolview® CLED10STRP

Coolview® CLED10STMP



Technical Data

| | |
|---|---------------------------|
| Light Intensity (at 0.5m) | 50,000 Lux |
| Illuminance Field | 180mm at 0.5m |
| LED Life | 50,000 hours L70 B50 |
| Colour Temperature | 4,400°K |
| Colour Rendition Index (Ra) | ≥93 |
| Colour Rendition Index Red Colour (R ₉) | ≥91 |
| Power Consumption | 13W |
| Head Rotation | 280° |
| Class of Protection | II (double insulated) |
| Safety Standards | EN60601-1, EN60601-2-41 |
| Mounting Options | Rail, desk, mobile & wall |

Part Numbers

| | |
|------------|--------------------------------------|
| CLED10STBP | Back-plate mounted examination light |
| CLED10STDP | Desk mounted examination light |
| CLED10STMP | Mobile mounted examination light |
| CLED10STWP | Wall mounted examination light |
| CLED10STRP | Rail mounted examination light |
| CAR14443 | Coolview® rail mount accessory kit |

All models are supplied as standard with a 1.8m cable terminating in a UK plug.

Additional Wiring Options

| | |
|--------|----------------------------|
| CC1MKL | 1 metre Curly Cord UK Plug |
| CC3MSL | 3 metre Schuko Plug |
| CC3MUL | 3 metre US Plug |

Coolview® Eco™ Economical Examination Lights



Economical and Efficient

The Coolview® Eco™ LED examination light is perfectly suited for consulting rooms and GP treatment rooms. Coolview® Eco™ emits an intense, white bright light equivalent to a 20W halogen bulb but only using 7W.

Positioning and Long Reach

Articulated arm system ensures the light is easy to move, easy to position and does not drift. Long arm reach extends to 900mm to provide a large working envelope

Cold Light

Coolview® Eco™ LED does not emit infrared radiation, avoiding heat exposure during examinations and increasing safety.

Environmentally Friendly

No mercury, lead, cadmium, CFCs, POPs, VOCs or halogens. LED life is 30,000 hours, over 15 years of normal use, making Coolview® Eco™ highly economical.



Coolview® Eco ELED7HXMT



Coolview® Eco ELED7HXWT



Coolview® Eco ELED7S3M

Technical Data

| | |
|---------------------------|--|
| Light Intensity (at 0.5m) | 15,000 Lux |
| Illuminance Field | 300mm at 0.5m |
| LED Life | 30,000 hours (L70) |
| Colour Temperature | 4,000°K |
| Power Consumption | True Power 7-11 W Apparent Power 19-27 VA |
| Head Rotation | 270° |
| Class of Protection | II |
| Safety Standards | EN 60601-1, EN 60601-2-41 |
| Mounting Options | Rail, desk, mobile & wall |

Part Numbers

| | |
|-----------|---|
| ELED7HXB | Back-plate mounted examination light |
| ELED7HXDT | Desk mounted examination light |
| ELED7HXMT | Mobile mounted examination light |
| ELED7S3M | Mobile mounted examination light with flexible arm* |
| ELED7HXWT | Wall mounted examination light |
| ELED7HXRT | Rail mounted examination light |
| CAR14443 | Coolview® rail mount accessory kit |

*Not suitable for gynaecological procedures

Coolview® LED Examination Lights – Mounting Options

Brandon Medical's LED examination lamps are available in a variety of mountings to suit all clinical environments. If you are unsure which mounting option is most suitable, please use the below as a guide to finding the most appropriate configuration.

Mobile

- Ideal for getting as close to the patient as possible
- Easy to move and position
- Use the light in multiple rooms

Wall

- Lowest cost option
- Can be hard wired into the wall, freeing up plugs and floor space
- More secure than a mobile light

Back-plate

- Should be used on non load-bearing walls for example partition walls
- Can be hard wired into the wall, freeing up plugs and floor space
- More secure than a mobile light

Rail

- Added flexibility over a wall mounted light
- Allows the light to be positioned nearer to the point of examination
- Allows for easy movement along the couch length

Ceiling

- Can be mounted anywhere in the room
- Can be positioned out of the way
- Ideal when space is limited
- Longer arm reach



Use our guide to find the perfect light for your application

| Speciality | Rail Mounted | Wall Mounted | Mobile Base | Ceiling Mounted | Desk Clamp |
|----------------------|----------------------|---------------------|----------------|-----------------|----------------|
| A&E Consulting | All Applicable | All Applicable | All Applicable | X | X |
| A&E Minors | CLED23/CLED11 | CLED23/CLED11 | CLED23/CLED11 | CLED23/CLED11 | X |
| Anaesthetics | X | X | X | CLED23 | X |
| Critical Care | CLED23/CLED11/CLED10 | X | CLED23 | X | X |
| Dermatology | All Applicable | All Applicable | X | X | X |
| Endoscopy | X | X | CLED23 | X | X |
| General Practitioner | All Applicable | All Applicable | All Applicable | All Applicable | All Applicable |
| General Ward | CLED11/ELED7/CLED10 | All Applicable | X | X | X |
| Gynaecology | CLED23/CLED10 | CLED23/CLED10 | X | CLED23 | X |
| Intensive Care Unit | CLED23/CLED10 | X | CLED23/CLED10 | X | X |
| Neonatal Care | CLED23/CLED10 | X | CLED23/CLED10 | X | X |
| Obstetrics | CLED23 | CLED23 | X | CLED23 | X |
| Patient Room | CLED11/ELED7 | CLED11/ELED7/CLED10 | X | X | X |



Exceeding Standards

Brandon Medical is certified as an ISO 13485 and ISO 9000 manufacturer, the global standard for medical device manufacturers.

Brandon Medical Coolview® lights conform to IEC 60601-1, IEC 606011-2 and IEC 60601-2-41



UK Customs
Approved Exporter
Status GB 16164/13



THE QUEEN'S AWARDS
FOR ENTERPRISE:
INNOVATION



Intertek



Intertek



061



Coolview® lights are part of the Brandon Equipment Package.

Operating Theatre Lights and Battery Back Up
Minor Surgical Lights
Examination Lights
Theatre Control Panels
PACS Workstations
IPS Isolated Power Systems
UPS Uninterruptible Power Systems
Medical Gas Pendants and Accessories
Ultra Clean Ventilation Canopies
Operating Table and Accessories
Digital Audio Video Solutions

Brandon Medical Co Ltd, Elmfield Road, Morley, Leeds, LS27 0EL

T: +44 (0)845 1243 666 F: +44 (0)845 1243 667

T: +44 (0)113 2777 393 F: +44 (0)113 2728 844

E: enquiries@brandon-medical.com

www.brandon-medical.com