

COOLVIEW LED23 EXAMINATION LIGHT

CLED23*CONFIG



PRODUCT DESCRIPTION

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

Highest Light Quality

CLED23TM 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 210mm 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 Ra of > 93 describes the exceptionally high quality of white light whilst the high R9 of > 95 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.

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.

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.

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. This allows for full examination of the patient without the need for patient repositioning during an 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.

Specification

- Light Intensity@ 0.5m : 60,000 Lux
- Illuminance Field : 190mm
- LED Life: 30,000 hours L70 B50
- Colour Temperature: 3,500°K & 4,500°K
- Base of arm rotation: 240°
- Head rotation: 360°
- Type of light source: LED
- Average bulb life (Hours): 30,000 L70 B50
- Light intensity (Lux): 60,000 @ 0.5m
- Field size: 190mm
- Colour Rendition Index (Ra): >93
- Colour Rendition Index (R9): >95
- Dimming Controls: 4 settings 10%-100%
- Number of LEDs: 16
- Power Consumption: True Power 21W
- Apparent Power: 20 VA
- Temperature rise : < 1°C
- IP Rating: 43

Mechanical Detail

- Arm length: 1200mm
- Balance of articulated joints: Directional Load Compensation (DLC)
- Controls: Touch panel on rear of lamp head

ADDITIONAL INFORMATION

Animal	N/A
SKU	CLED23*config
Colour/Style	White
Brand	Brandon
Autoclavable Handle	No
Battery Backup	Optional
Colour Control	Yes
Colour Temperature (k)	3,500°K - 4,500°K (2 Steps)
Focusable	No
Head Type	Single
LED Life (hours)	30,000 hours
Light Source	LED
Lux @1 meter	30,000
Procedures	Dental, Exam, Minor-Operation

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