



Coolview CLED23 Premium Examination LED

Coolview® provides uncompromising lighting performance for the clinician. The Coolview CLED23 is ideal for dermatology, ENT, gynecology and sensitive areas such as neonatal and ICU departments

Key Highlights

- Anti-microbial active substance
- Sealed spring balanced arm design
- Selectable CCT 3500K - 4500K
- Shadowless lamp head design
- 360° unlimited rotation
- 60,000 lux light output @ 0.5m
- Large 210mm illumination field
- 4-step dimming



CONTROL PANEL

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

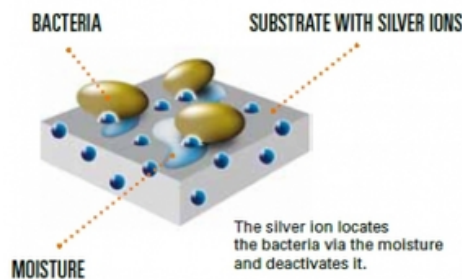
With 4-step dimming control and selectable CCT from 3500K and 4500K, the Coolview® CLED23 provides uncompromising lighting performance for the clinician.

ANTI-MICROBIAL ACTIVE SUBSTANCE

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 head to be permanently resistant to contamination.

THE SCIENCE BEHIND THE SANITIZING

The anti-microbial substance is integrated into the lamp head during manufacturing. It inhibits 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/



MANUFACTURER ENDORSED WARRANTY

SAL Commercial offers a 5 year warranty on all medical lighting products. Confidence behind world class manufacturing processes and procedures ensures that only the highest quality product is supplied.



Key Application Features

- **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.
- **High Colour Rendition** The CLED23 reproduces all of the visible colours naturally and accurately. The high Ra of >95 describe the exceptionally high quality of white light while the R9 of >90 measurement describes how it accurately reproduces visible red
- **Colour Control Setting** The CLED23 allows the user to adjust the colour temperature of the light source via the easy to use control pod. Warm white (3500K) is ideal for dermatological examinations and daylight setting (4500K) is ideal for the recognition of blood vessels.
- **Easy to clean and maintenance free** design with a fully enclosed light head, smooth surfaces, durable LED technology and high quality materials. The light head is sealed to prevent ingress of dust and moisture.

Model No. & Technical Specification

Coolview CLED23 is entered in the ARTG, 234265

Model No.	Description	Body Colour	Power (W)	CRI	R9	Reach & Rotation
CLED23T1C	Coolview® CLED23 ceiling mounted examination luminaire, Sanitized® anti-microbial active substance, selectable CCT from 3500°K - 4500°K (2 Steps), cyanosis compliant	White	21	95	>90	1200mm 360° Unlimited
CLED23TXWP	Coolview® CLED23 wall mounted examination luminaire, Sanitized® anti-microbial active substance, selectable CCT from 3500°K - 4500°K (2 Steps), cyanosis compliant	White	21	95	>90	1200mm 360° Unlimited
CLED23TXMP	Coolview® CLED23 mobile examination luminaire, Sanitized® anti-microbial active substance, selectable CCT from 3500°K - 4500°K (2 Steps), cyanosis compliant	White	21	95	>90	1200mm 360° Unlimited

Due to continued product and technology enhancements, data source from salcommercial.net.au shall not for part of any contract or performance guarantee unless expressly confirmed in writing by SAL at the time of order. Products are sold in accordance with [SAL Commercial Terms and Conditions of sale](#) and all images shown are for illustration purposes only and may vary from the actual colour or finish

Available Mounting Options

- Ceiling mount with unlimited 360° rotation at both the ceiling pole and lamp head rotation point
- Wall mount with optional backing plate
- Mobile base for flexible applications
- Desk & Rail mounting
- Long arm reach of 1200mm

Cavity Spacer

- Cavity spacer available for ceiling mounting option
- Enables installer to set the height of the ceiling mount assembly based on site conditions
- Spacer tubes are cut on site to ensure lowest fixed point achieves 2m AFFL compliance
- Ensures mounting is structurally sound





Highest Light Quality

CLED23™ emits 60,000 lux 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 value of 95 describes the exceptionally high quality of white light whilst the high R9 value of 90 describes how it accurately reproduces visible red.

Colour Control Settings

CLED23™ allows the user to control the temperature of the light source. This enhances the clinicians ability to recognise and distinguish tissue conditions. The warm white (3500°K) setting is ideal for dermatological examinations and the daylight white (4500°K) setting is ideal for the recognition of blood vessels.



Full Rotation of Light Head

CLED23™ provides unrestricted 360° rotation at the light head and ceiling pole. This allows the user to position the light beam to suit any procedure, without any restrictive stops or twisted cables. A bonus feature for the CLED23™ is it can be used for ambient room lighting by reflecting light from the ceiling.

Large Illuminated Area

CLED23™ offers an exceptionally long 1200mm arm reach with an innovative spring-balanced arm system. This ensures that the powerful beam can be positioned for 'head to toe' examination of the patient with the need for repositioning during examination.

Model Number	Description
CLED23T1C	Coolview CLED23 T1C Articulated Arm Ceiling Mounted Examination Lamp (With Stem)
CLED23T1N	Coolview CLED23 T1N Articulated Arm Ceiling Mounted Examination Lamp (No Stem)
CLED23TXBP	Coolview CLED23 TX Articulated Arm Wall Mounted with Backplate Examination Lamp with flex & plug
CLED23TXDP	Coolview CLED23 TX Articulated Arm Desk Mounted Examination Lamp with flex & plug
CLED23TXMP	Coolview CLED23 TX Articulated Arm Mobile Mounted Examination Lamp with flex & plug
CLED23TXRP	Coolview CLED23 TX Articulated Arm Rail Mounted Examination Lamp with flex & plug
CLED23TXWP	Coolview CLED23 TX Articulated Arm Wall Mounted Examination Lamp with flex & plug

Technical & Performance Information:

Unless otherwise stated: All linear dimensions in mm, angles in degrees (±5°) and weights in kg

General System Information	CLED23T1C	CLED23T1N	CLED23TXBP	CLED23TXDP	CLED23TXMP	CLED23TXRP	CLED23TXWP
Lamphead/Arm	CLED23T1		CLED23TX				
Mount Type	Ceiling	Ceiling (No Stem)	Backplate Wall Mount	Desk Mount	Mobile Base	Rail	Wall Mount
Weight (kg)	8.1	6.2	2.1	2.4	10	2.2	2.1
Conformity	CE (93/42/EEC) including amendments 2007/47/EC						
Type of luminaire	Examination						
Medical Device Classification	I	I	I	I	I	I	I
Electrical Classification	I	I	II	II	II	II	II
Electrical conformity	BS EN 60601-1; BS EN 60601-2-41						
Additional Information	Direct Supply		Power Lead supplied loose with flex & plug				

Mount	Ceiling	Ceiling (No Stem)	Backplate Wall Mount	Desk Mount	Mobile Base	Rail	Wall Mount
Mount Size HxWxD (mm)	40 to 166 x Ø310	Ø310	130x130x70	130 x 90 x 105	834x Ø650	70 x 30 x 55	91x59x67
Weight of Mount (kg)	6.1	4.2	0.5	0.4	8	0.2	0.1
Fixing Type	Permenant	Permenant	Permenant	Semi-Permenant	Mobile	Moveable	Permenant
Available Rotation Lateral about Spindle (±5°)	360°	360°	180°	360°	360°	360° max	180°
Interface orientation	Vertical Down		Vertical Up	Vertical Up	Vertical Up	Vertical Up	Vertical Up
Colour	White		White/Grey	Black	Grey/Black	Silver	Grey
Material	Steel/Plastic	Steel/Plastic	Steel/Plastic	Plastic	Steel/Plastic	Aluminium	Plastic

Lamphead/Arm data	CLED23T1	CLED23TX
Light On/Off switch location	Touch Panel on Rear of Lamphead	
Arm Type	Articulated (Spring)	
Fastener type	Ø16mm Pin	
Base Joint Type and Angle (°)	Articulating 120°	Articulating 103°
Base Rotation about fastener (°)	360	360 (max)
Elbow Angle (°)	177	180
Arm Reach	1080	
Lamphead Diameter (mm) Approx	240	
Lamphead Pitch (°)	±90°	
Lamphead Roll (°)	360°	
Lamphead & Arm Weight (kg) Approx	2	2
Power Supply Lead(s) [plug]	Direct Supply	1.8m flex lead

Lamphead Photometric Data	CLED23
Central Illuminance Ec @ 0.5 metre (Lux max ±10%)*	60000
Number & Type of lights per Lamphead	16 LED
Field diameter D ₁₀ @ 0.5 meter (mm)*	210
Field diameter D ₅₀ @ 0.5 meter (mm)*	120
Nominal working distance from lamphead m	0.5
Adjustable Colour (Red Balance) (°K)*	3500 & 4500 K
Colour rendition Ra (Av R1-R8)	>95
Colour rendition R9 (red)	>90
Additional	4 Dimming Levels
LED life (hours)	30000

*-10% +20%

Lamphead/Arm Electrical data	CLED23T1	CLED23TX
Primary Power Supply	100-240VAC 50/60 Hz	
Secondary Power Supply Unit	Integral	
Power Consumption	21W@ Nominal Intensity	
Ingress Protection Rating	IP20	

Images are representative of example system only - Mount styles vary depending on model

Please refer to drawing layout for model appearance information

Please contact one of our Sales Team to discuss your requirements further