









Product Description

Coolview® CLED50FX

Coolview CLED50FX examination lights are the perfect light source for a wide range of procedures. Providing a high intensity, bright natural light, Coolview CLED50FX is perfect for medical consultation in primary care and medical clinics.



Product Images	Product Features
<div><p>Ceiling LR Stem Mounted: CLED50FXC</p></div> <div><p>Rail Mounted: CLED50FXRP</p></div> <div><p>Desk mount</p></div> <div><p>Wall Mount</p></div> <div><p>Backplate Wall Mount</p></div> <div><p>Mobile Base</p></div> <div><p>Pendant Pole Clamp Mounts</p></div> <div><p>Rail Mount</p></div>	<p><b>Powerful Light Intensity</b></p> <p>Coolview CLED50FX emits 50,000 Lux of bright natural light at 0.5 m providing an intense, clear light source for use in general consultation areas.</p> <p><b>Perfect Colour</b></p> <p>The colour corrected light source with a colour temperature of 4,400 K allows for accurate representation of tissue during examination. CLED50FX reproduces all of the visible colours naturally and accurately. Excellent colour rendition is achieved that supports accurate tissue differentiation (R9) and clear identification of changes in skin tones (R13).</p> <p><b>Infection Control</b></p> <p>The fully enclosed light head is sealed to protect from dust and light liquid ingress.</p> <p><b>Mountings</b></p> <p>The Coolview CLED50 Examination Light operates on a spring balanced rigid arm offering optimum reach, positioning and stability. The Light can be specified for mounting on the Wall (with or without Backplate), Desk, "MediRail" or on a Mobile Wheeled Base.</p>

Model Number	Description
CLED50FXC	Coolview CLED50 FX Articulated Arm Ceiling Mounted Examination Lamp (LR Stem)
CLED50FXBP	Coolview CLED50 FX Articulated Arm Wall Mounted with Backplate Examination Lamp with UK Plug Lead
CLED50FXDP	Coolview CLED50 FX Articulated Arm Desk Mounted Examination Lamp with UK Plug Lead
CLED50FXMP	Coolview CLED50 FX Articulated Arm Mobile Mounted Examination Lamp with UK Plug Lead
CLED50FXRP	Coolview CLED50 FX Articulated Arm Rail Mounted Examination Lamp with UK Plug Lead
CLED50FXWP	Coolview CLED50 FX Articulated Arm Wall Mounted Examination Lamp with UK Plug Lead
CLED50FXA38P	Coolview CLED50 FX Articulated Arm Pendant Ø38mm-Pole Clamp Mounted Examination Lamp with UK Plug Lead
CLED50FXA25P	Coolview CLED50 FX Articulated Arm Pendant Ø25mm-Pole Clamp Mounted Examination Lamp with UK Plug Lead

## Technical Performance Information

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

General System Information	CLED50FXC	CLED50FXBP	CLED50FXDP	CLED50FXMP	CLED50FXRP	CLED50FXWP	CLED50FXA38P	CLED50FXA25P
Lamphead 1	CLED50FX							
Mount Type	Ceiling LR Stem	Backplate Wall Mount	Desk Mount	Mobile Base	Rail Mount	Wall Mount	Ø38mm Pendant Pole Clamp	Ø25mm Pendant Pole Clamp
Weight (kg)	4.9	1.8	1.7	8.8	1.5	1.4	1.7	1.7
Additional Information	Direct Supply to Stem & In-line C7 Connector	Power Lead supplied loose with UK plug						
Medical Device Classification	I	I						
Electrical Classification	I	II						
Type of Luminaire	Examination (Luminaire for diagnosis)							
Conformity	CE (EU MDR 2017/745); EN/IEC 60601-1; EN/IEC 60601-2-41; EN/IEC 60601-1-2							

Mount	Ceiling LR Stem	Backplate Wall Mount	Desk Mount	Mobile Base	Rail	Wall Mount	Ø38mm Pendant Pole Clamp	Ø25mm Pendant Pole Clamp
Mount Size HxWxD (mm)	800 L x Ø250	130 x 130 x 70	150 to 210 x 70 x 40	1000xØ700	96 (max) x 62 x 48	91 x 59 x 67	124 x 58 x 33	114 x 58 x 33
Weight of Mount (kg)	3.6	0.5	0.35	7.5	0.2	0.1	0.34	0.32
Fixing Type	Permanent	Permanent	Moveable	Mobile	Moveable	Permanent	Semi-Permanent	
Available Rotation Lateral about Spindle (±5°)	310°	180°	360°	360°	360° max	180°	330°	330°
Interface Orientation	15° up from horizontal	Vertical Up	Vertical Up	Vertical Up	Vertical Up	Vertical Up	Vertical Up	Vertical Up
Colour	White	White/Grey	Black	Grey/White	Silver	Grey	Silver	Silver
Material	steel	Steel/Plastic	Polyamide / Steel	Steel/Plastic	Aluminium	Plastic	Aluminium	Aluminium

Examination Lamphead/Arm	CLED50FX
Description	LED Examination Light
Light On/Off Switch Location	Rocker Switch on Arm
Arm Type	Articulated (Friction)
Fastener Type	Ø16 mm Pin
Base Joint Type and Angle (°)	Articulating 69°
Base Rotation about Fastener (°)	360 (max)
Elbow Angle (°)	150°
Arm Reach	850
Lamphead Diameter (mm) Approx	90
Lamphead Pitch (°)	180°
Lamphead Roll (°)	300°
Lamphead & Arm Weight (kg) Approx	1.3
Power Supply Lead(s) [Plug]	1.8 m [UK]

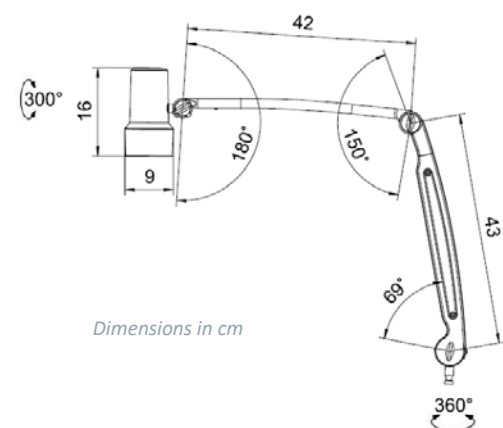
Lamphead/Arm Electrical Data	CLED50
Primary Power Supply	100-240VAC 50/60 Hz
Secondary Power Supply Unit	Integral 24V DC
Power Consumption @ Nominal Intensity	10.5-13 W (11.2-17.5 VA)
Ingress Protection Rating	IP20

Lamphead Photometric Data *-10% / +20%	CLED50
Central Illuminance @ 0.5 metre (Lux max *)	50,000
Field Diameter D10 @ 0.5 meter (mm)	180
Field Diameter D50 @ 0.5 meter (mm)	90
Nominal Working Distance from Lamphead m	0.5
Colour rendition Ra (Av R1-R8)	≥93
Colour rendition R9 (red)	≥90
Colour rendition R13	98
Colour Temperature (K)	4,400
Number & Type of Lights per Lamphead	7 LED
LED life (hours)	50,000



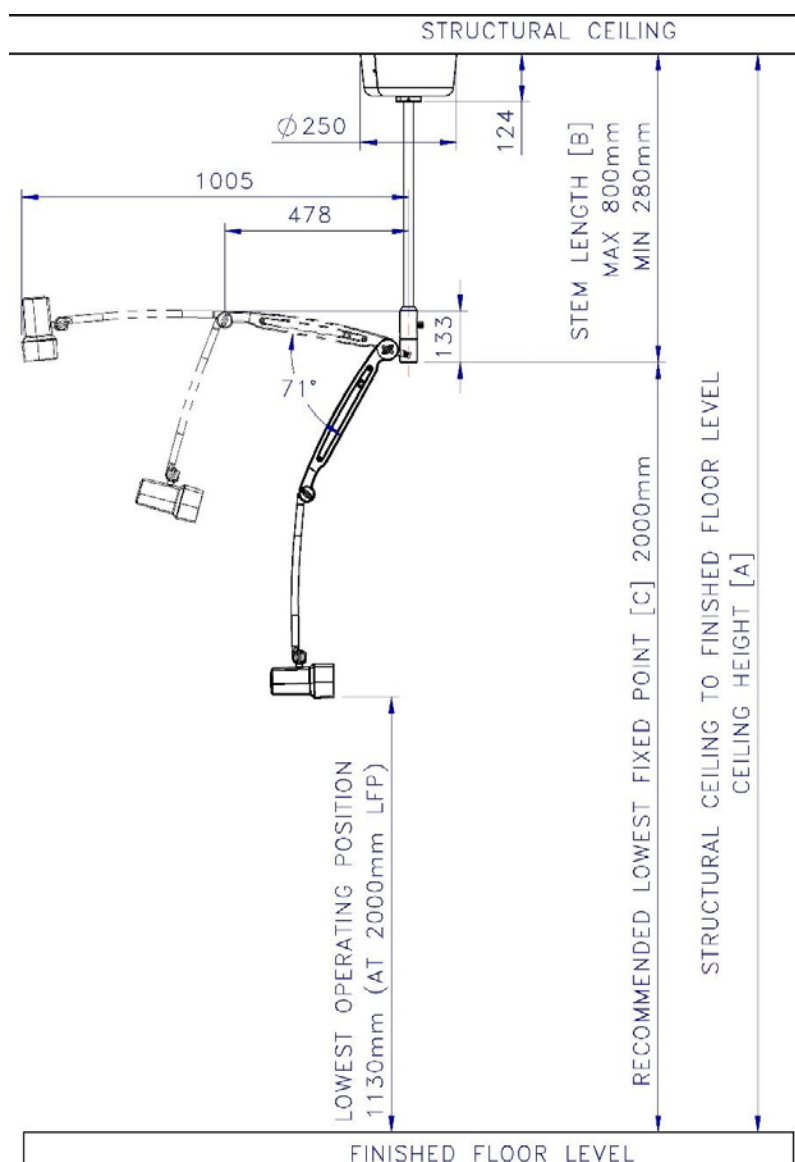
- A: Luminaire with spring-arm  
B: Power cable  
C: Mount

### Components



Dimensions in cm

### Lamphead/Arm Dimensional Data (cm)



### CLED50FXC Typical Layout