

X4 flexible mobile LED exam light

The **DARAY**® X4 flexible mobile option is a high-quality, extremely efficient examination light offering the versatility of a stable mobile base with a flexible head mounting.

The X4 flexible mobile LED examination light can be positioned quickly and accurately, whilst remaining stable throughout. Originally designed specifically for gynaecological procedure, it is suitable for all exam uses.

The light-head gives a high-intensity output (120,000 lux @ 0.5m) and has no heat in the beam ensuring patient comfortability. With around 50,000 hours lamp life, the X4 is a cost effective, energy efficient lighting solution.

The X4 is the most versatile mobile LED medical examination light available. Its range of movement was initially designed for general examination use, this has been extended to the specific needs of the Gynaecological department.

It is easily controlled via a single switch, turning on and off and changing the light's intensity without the need for two hands.

All mobile castors are anti-static for extra reassurance.



Environmentally-friendly products from **DARAY**® **Our green promise**

- DARAY's LED technology has an intense clear white light beam equivalent to 75W halogen, whilst consuming only 17W.
- 50,000 hours of life from the LED light engine – that's over 25 years of normal clinical use.*
- No more bulbs to change - reduces waste by 95% over the light's lifetime.
- No halogen, mercury, cadmium, lead or CFCs. No chemicals harmful to the environment.
- All-metal chassis and light-head, not only hard-wearing, but can be fully recycled when the light comes to the end of its life.

*Based on 5.5 hours use per day



Versatile range of movement

Infinitely positionable



X4 flex mobile features

- Designed specifically for gynaecological examinations
- Fully enclosed head
- One touch control
- Variable intensity from 10 to 100%
- Excellent colour rendering - totally natural skin tones
- Emits no infrared radiation - no increase in temperature in the light-field
- Strong beam of light with an even intensity across the entire area for clearer viewing and reduced eye strain
- No life-risk voltage at the light head
- BioProtect® anti-microbial coating for infection control



Battery backup option



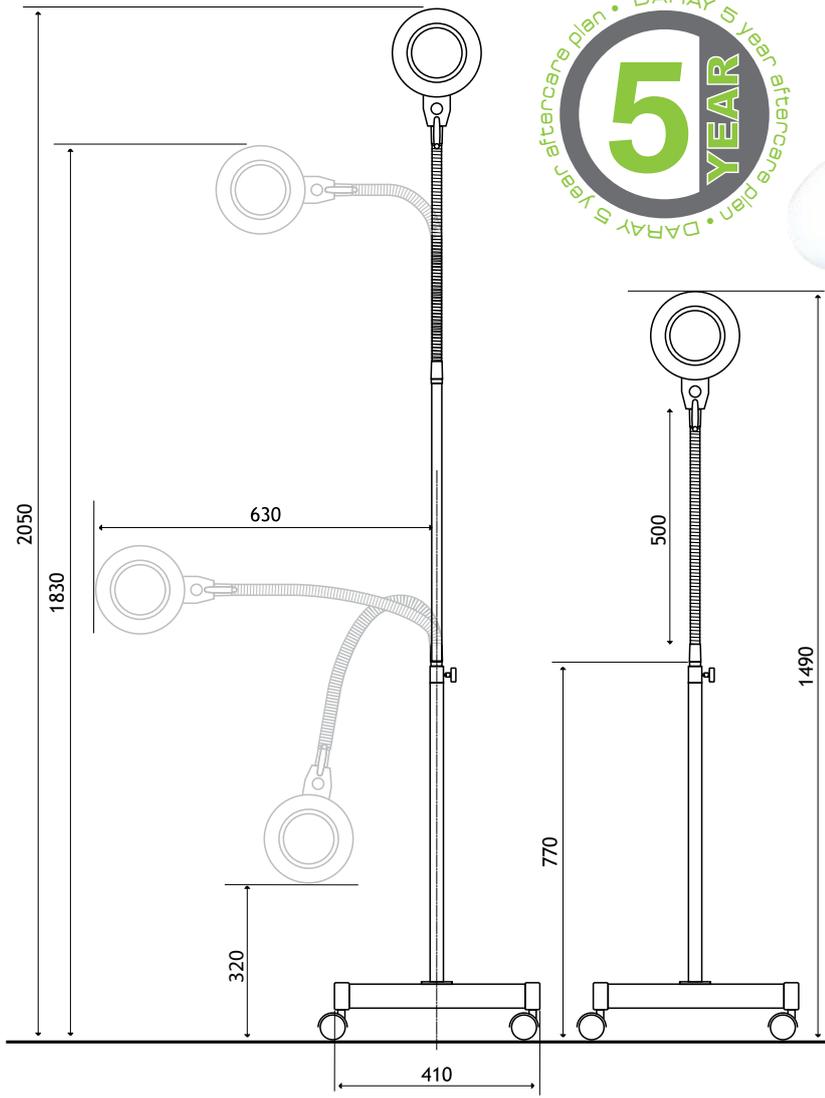
Switch on light head adjusts light intensity.



BioProtect®
the invisible shield against bacteria

BioProtect® is an antimicrobial solution coating applied to DARAY's products for infection control.

Infection is the highest risk in patient environments. BioProtect® provides excellent protection against bacteria such as MRSA, Salmonella, E. coli, Campylobacter and many other bacteria and fungal growths.



All measurements in millimetres

X4 flex mobile specifications

Average working life	>50,000 Hours
Number of LED's	7
Light intensity @ 0.5m	120,000 lux ±5%
Light intensity @ 0.75m	64,000 lux ±5%
Colour temperature	4,300K ±500
Colour rendering (CRI)	95
Color rendering (R9)	88
Light field diameter (D10)	@ 0.75m: 200mm
Mass	12kg
Power consumption	16W 0.19A
Input voltage	100 - 240V AC 50/60 Hz
Cable length	5m (high visibility)

Mounting and base
 Stable mobile 'H' base made of steel with BioProtect® antimicrobial coating and four anti-static castors; 2 locking.

X4 flex mobile products available

X400LFM	X4 flexible mobile LED examination light
X400LFMSP1	X4 flexible mobile LED examination light with 24V battery back-up (special order)
D15412	Voltage protector

X4

The X4 examination light features a large diameter light patch providing excellent illumination.

This model boasts single-handed lighting control, on/off and variable intensity, from a single switch located next to the light head. A smooth, fully-enclosed light head and arm system assists with the management of infection control.

Available as wall or ceiling mounted option or as a mobile freestanding unit, which include the most versatile spring-balanced suspension arms available for effortless repositioning.

X4 features

- LED technology provides energy and cost saving over the lifetime of the product.
- Variable Intensity from 0% to 100%.
- BioProtect® antimicrobial coating on all painted surfaces to assist with infection control management.
- Excellent colour rendering - totally natural skin tones.
- Emits no infrared radiation - no increase in temperature in the light-field.
- A strong beam of light with an even intensity across the entire area for clearer viewing and reduced eye strain.
- 5-Year Warranty
- No life-risk voltage at the light-head.

The **DARAY**® X4 premium quality LED examination light is suitable for use in all general medical diagnoses and procedures, and available in a range of mounting choices.



X4
Mobile mount



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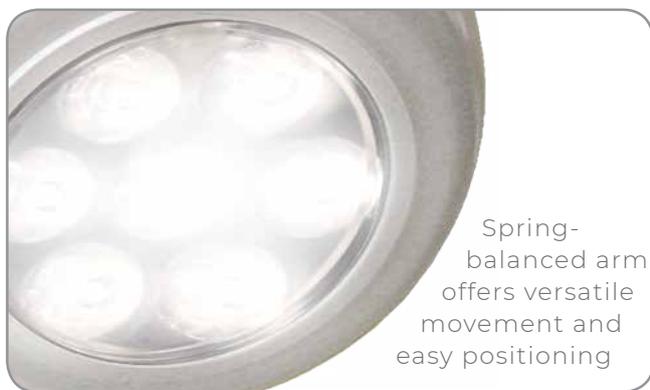
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Spring-balanced fingertip movement



Single-handed control:
On/off and variable intensity

Massive range of movement



Spring-balanced arm offers versatile movement and easy positioning

This model features a strong beam of light with an even intensity across the entire area for clearer viewing and reduced eye-strain.

The longer reach of the dual-arm pivot system makes this light suitable for a range of clinical applications, including gynaecology.

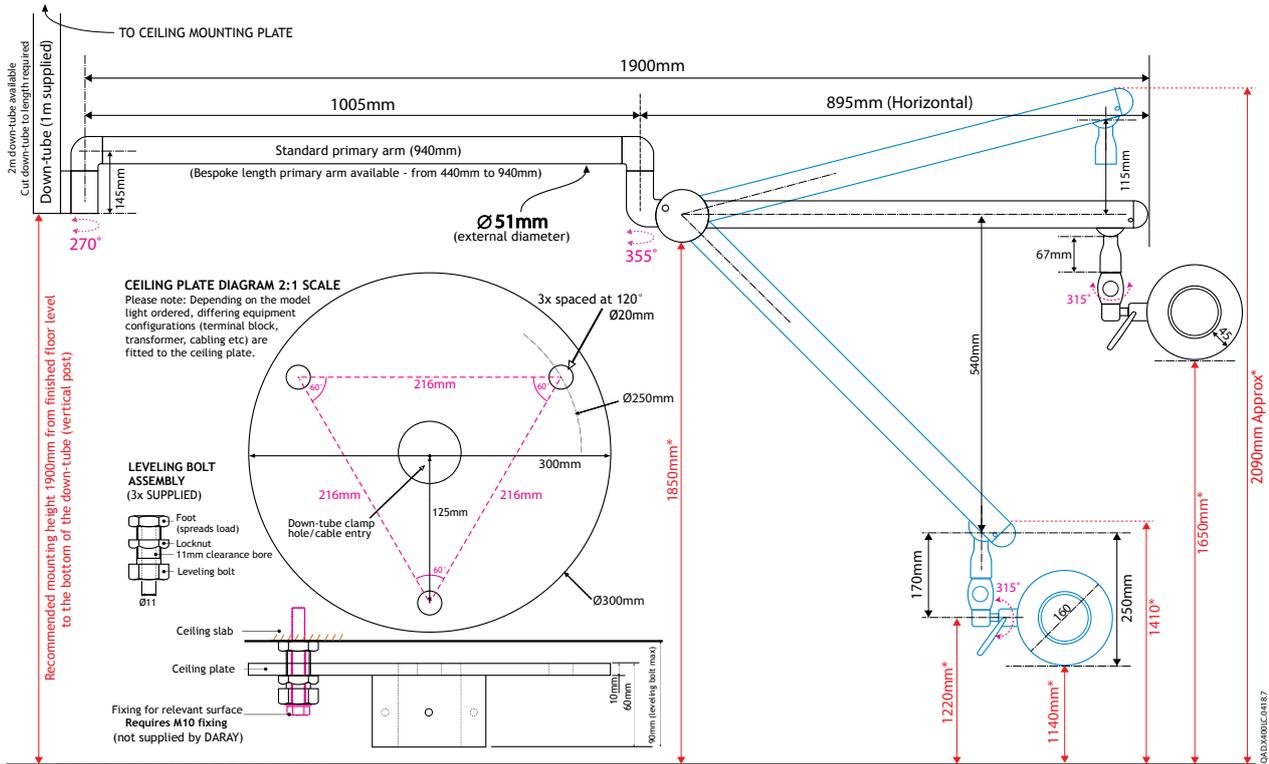
X4 specifications

Light source	LED
Light intensity (lux) @ 0.5m	120,000 lux ±5%
Light intensity (lux) @ 1.0m	40,000 lux ±5%
Light intensity adjustment range	5% - 100%
Colour temperature (Kelvin)	4,300K ±500
Light field diameter (D50)	@ 1.0m: 125mm
Light field diameter (D10)	@ 1.0m: 220mm
Power consumption	16W 0.19A
Average working life	>50,000 hours



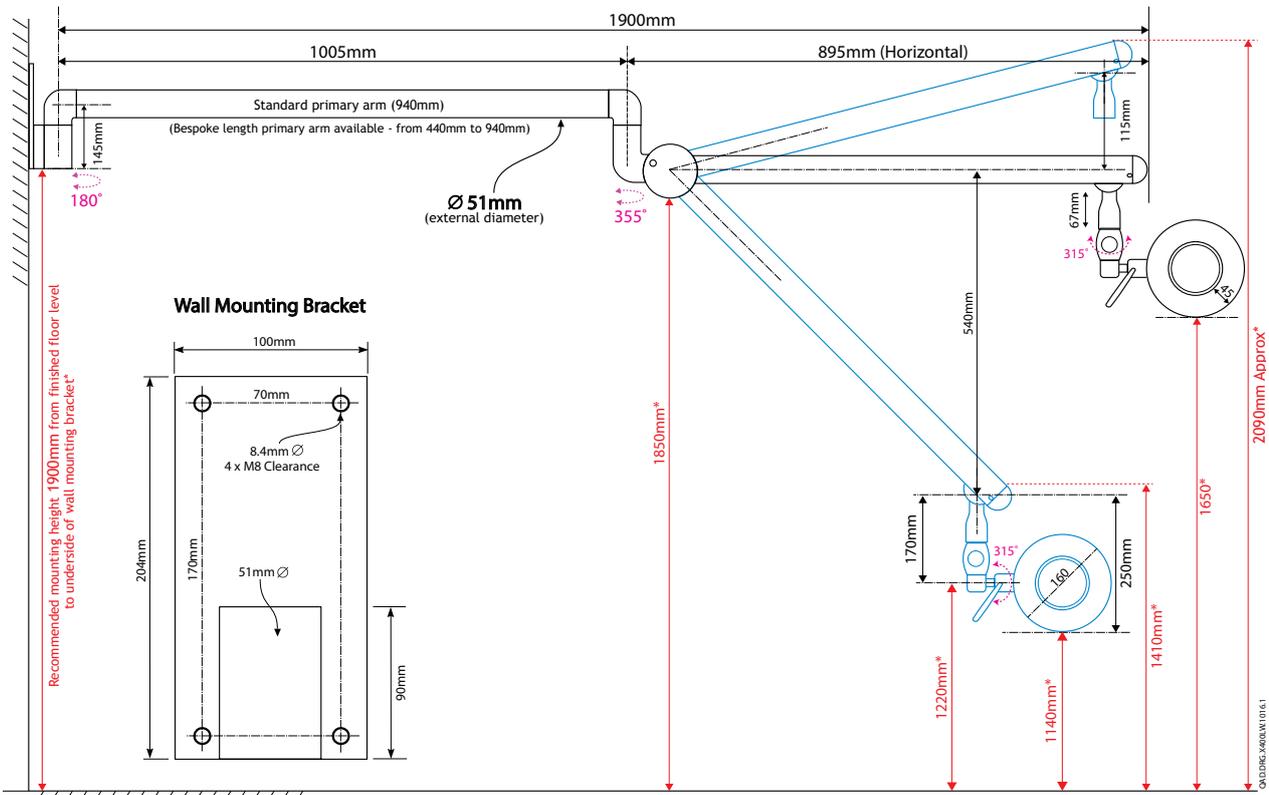
The switch alongside the light head, controls the power and adjustable light intensity.

Product dimensions: X4 ceiling mount



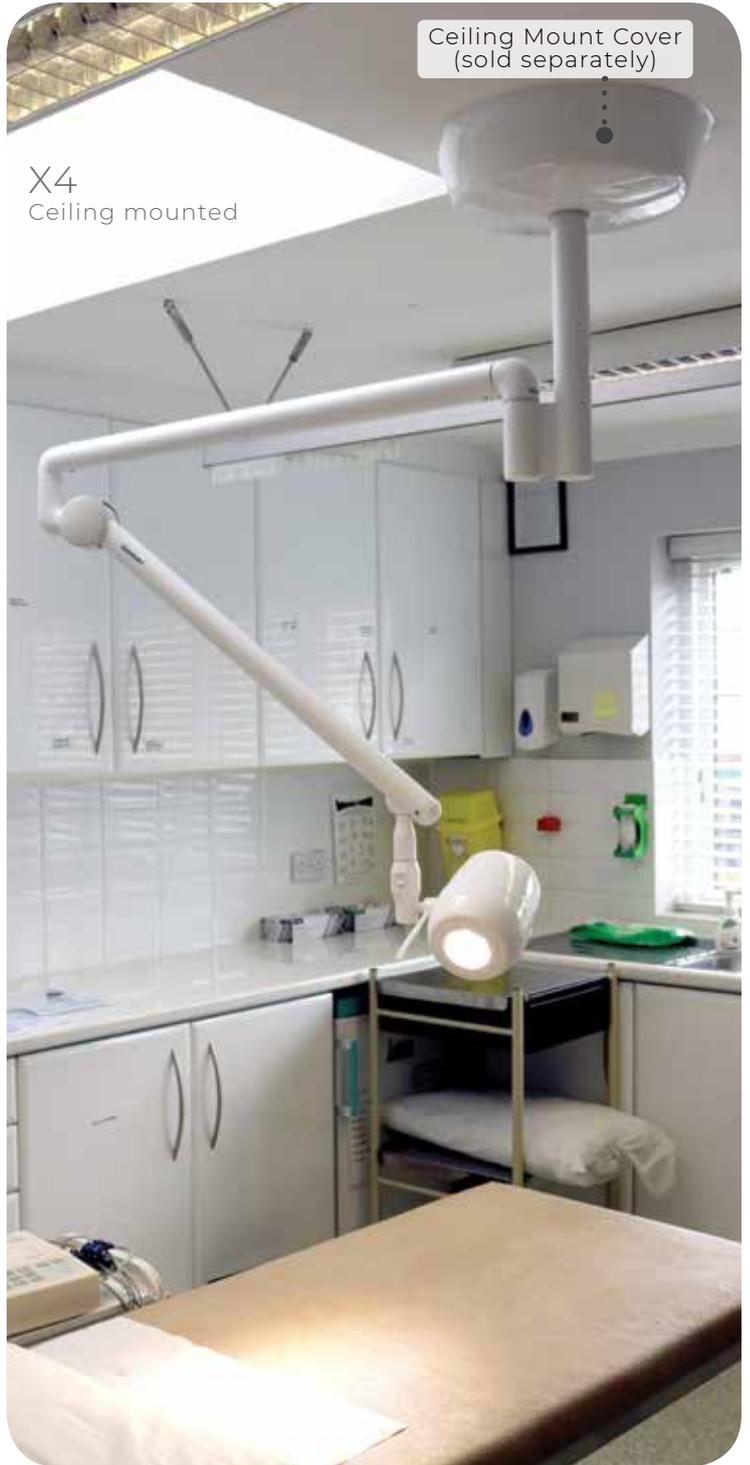
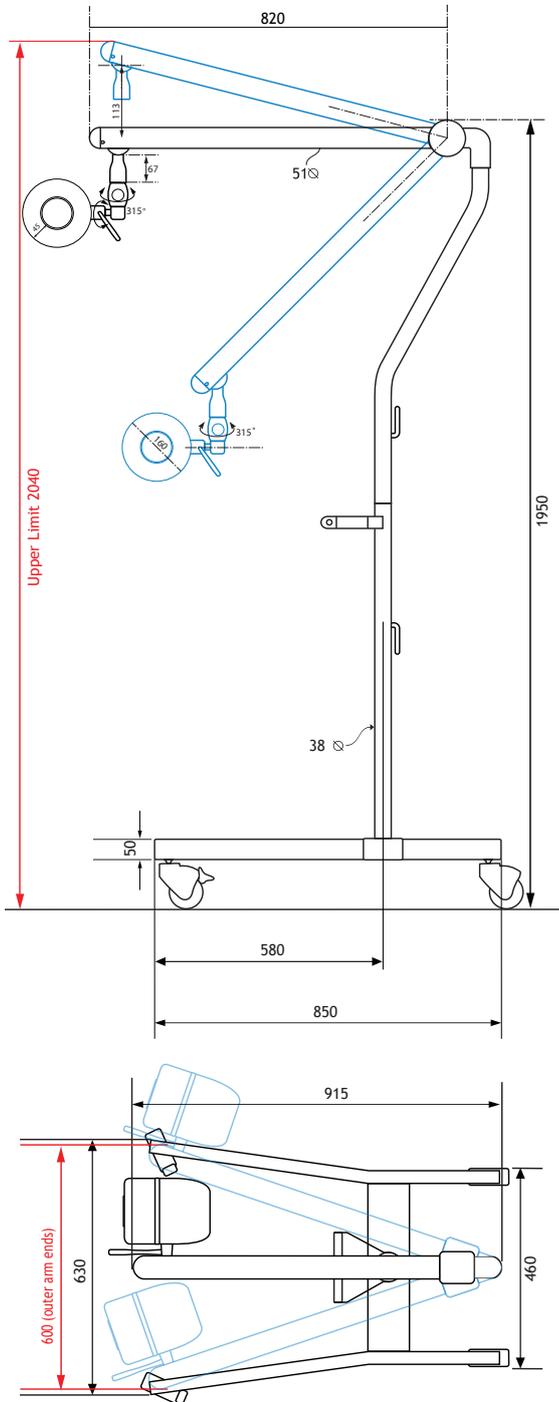
*All dimensions shown in red are based on a suggested mounting height (see measurement to UNDERSIDE of down-tube on far left). For specific applications and environments, the mounting bracket should be installed at a height so that, when fitted, the lighthead is as near to the required position as possible. Actual location should be dependent on intended use and desired reach. Common sense should always prevail.

Product dimensions: X4 wall mount



*All dimensions shown in red are based on a suggested mounting height (see measurement to wall bracket on far left). For specific applications and environments, the mounting bracket should be installed at a height so that, when fitted, the lighthead is as near to the required position as possible. Actual location should be dependent on intended use and desired reach. Common sense should always prevail.

Product dimensions:
X4 mobile mount



X4 products available

X400LC	X4 ceiling mount LED examination light
X400LW	X4 wall mounted LED examination light
X400LM	X4 mobile LED examination light
CMC	Ceiling mount cover (required for conventional ceilings)
XBB24LEDCW	24V battery back-up power system