

CIBSE
LIG910

X
SERIES

Product Datasheet

DARAY[®] | X4
Medical

X400 Gynae Exam Light

Introduction

The DARAY X400LFM is a high-quality, extremely efficient examination light offering the versatility of a stable mobile base with a flexible head mounting. Designed specifically for gynaecological examinations, the X400LFM can be positioned quickly and accurately, remaining stable throughout.

With around 50,000 hours lamp life, this model is a cost effective, energy efficient lighting solution. The X400LFM is the most versatile mobile LED medical examination light available. Its range of movement was initially designed for general exam use, this has been extended to the specific needs of the gynaecological department. It can be positioned easily and quickly, and controlled via a single switch, turning on and off and changing the light's intensity without the need for two hands.

This model features a stable mobile 'H' base made of steel, with BioProtect® antimicrobial coating on all painted surfaces, and 4 anti-static castors, 2 locking.

Standard Features

- World-renowned LED technology
- Variable intensity
- Designed specifically for gynaecological examination and procedures
- Excellent colour rendering for totally natural skin tones
- BioProtect® anti-microbial coating to assist in infection control
- Fully positionable light head
- Telescopic reach for added reach and manoeuvrability
- One-touch control
- Fully enclosed head
- Energy-efficient, environmentally friendly, and a fully recyclable product

Available Options

X400LFM	DARAY X4 mobile LED gynaecological examination light
XBB24	Battery back-up options available, please call

Technical Specifications

Light Source	LED
Light Intensity (Lux) @ 0.5m	120,000 Lux \pm 5%
Light Intensity (Lux) @ 0.75m	64,000 Lux \pm 5%
Light Intensity (Lux) @ 1.0m	40,000 Lux \pm 5%
Light Intensity Adjustment Range	5% - 100%
Colour Temperature (Kelvin)	4,300K \pm 500
Colour Rendering Index (CRI)	95
Colour Rendering (R9)	88
Light Field Diameter (D50)	@ 0.5m: 75mm
	@ 0.75m: 100mm
	@ 1.0m: 125mm
Light Field Diameter (D10)	@ 0.5m: 170mm
	@ 0.75m: 200mm
	@ 1.0m: 220mm
Number of LED's	7
Power Consumption	16W 0.19A
Average Working Life	>50,000 Hours
Input Voltage	100 - 240V AC 50/60 Hz
Output Voltage	30V DC 1A
Temperature Rise on Patient/User	\leq 2°C
Warranty Period	5 Years
NHS E-Class Code	FBU, FKR
Commodity Code	9018 908400
GMDN Code	12276

Medical Approvals/Certificates

The product(s) on this datasheet adhere to the following standards in line with the 93/42/EEC Medical Devices Directive - Classification: Class 1, Rule 1.

EN 13485
EN 14971
EN 9001
EN 60601-1
EN 60601-1-2

EN 60601-1-6
EN 60601-2-41
EN 60598-2-25
EN 1041
2014/35/EU Low Voltage Directive



(UK Customers only)

Warranty

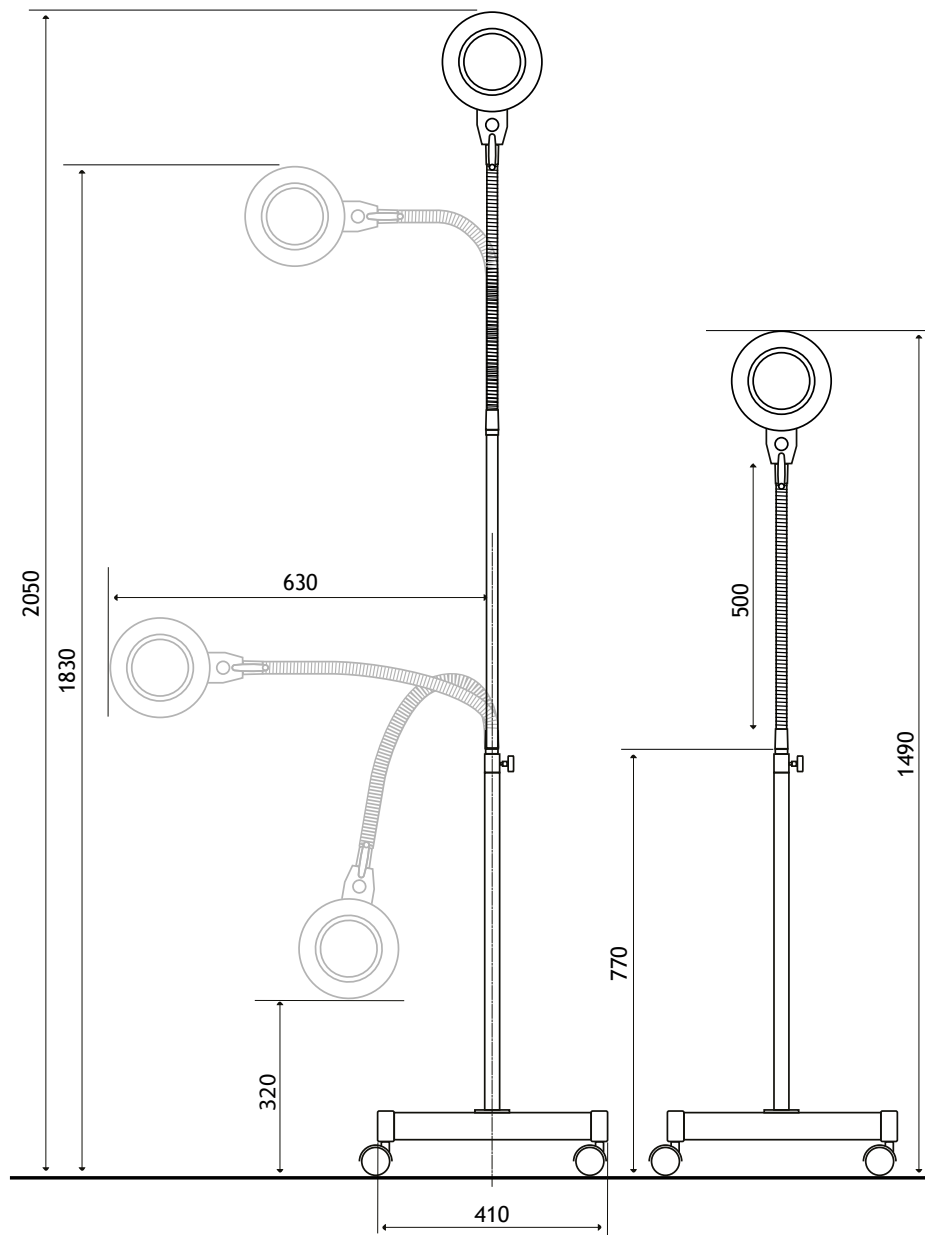
Our aftercare plan has been designed to offer complete piece of mind for the entire warranty period, during which time you will have access to our dedicated Service Delivery Team, who are here to assist you in any way they can.

Year 1 - Parts & Labour (return to base)

Years 2-5 - Parts only

Technical Drawings

X400LFM Mobile



All measurements in millimetres



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Image Gallery

X400LFM Mobile shown in various positions:

