

CIBSE
LIG910

DARAY[®]
Medical

Product Datasheet

Gynae Examination Light

X350

LED



Introduction

The DARAY X350 LED 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 X350 can be positioned quickly and accurately, remaining stable throughout.

NEW FOR 2017: Now with an upgraded LED module, offering far superior light intensity!

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

X350LM	DARAY X350 LED mobile 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% Upgraded for 2017!
Light Intensity (Lux) @ 0.75m	64,000 Lux \pm 5% Upgraded for 2017!
Light Intensity (Lux) @ 1.0m	40,000 Lux \pm 5% Upgraded for 2017!
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

Notes

With around 50,000 hours lamp life, this model is a cost effective, energy efficient lighting solution. The X350 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.

Medical Approvals/Certificates

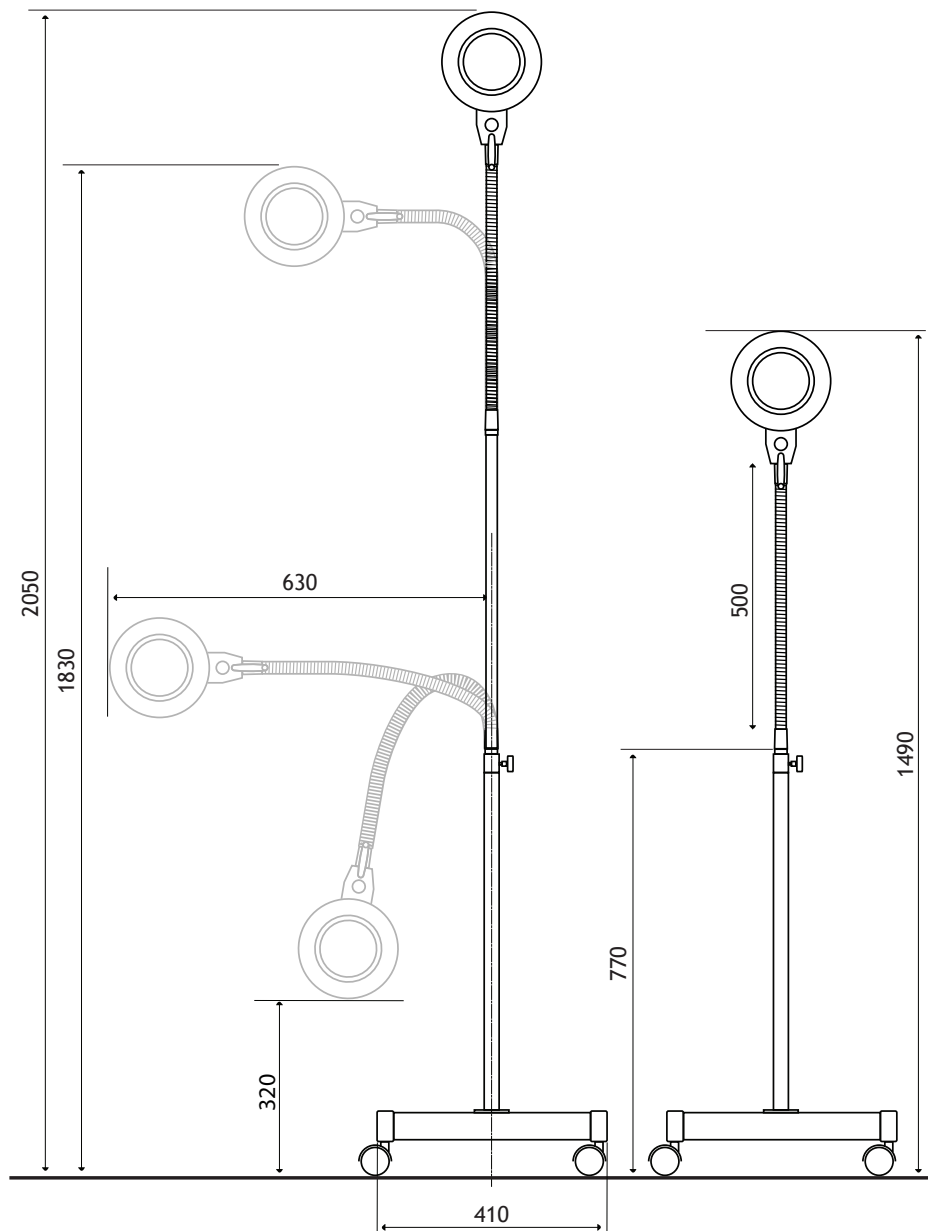
The product(s) on this datasheet adhere to the following standards in line with the 93/42/EC Medical Devices Directive - Classification: Class 1, Rule 1.

EN ISO 13485:2012
EN ISO 14971:2007
EN ISO 9001:2008
EN 60601-1
EN 60601-1-2

EN 60601-1-4
EN 60601-2-41:2009
EN 1041:2008
EN 606098

Technical Drawings

X350 LED Mobile



All measurements in millimetres

Image Gallery

X350 LED Mobile shown in various positions:

