

CIBSE

LIG053
LIG054
LIG058
LIG910
LIG953
LIG9004

DARAY[®]
Medical

Product Datasheet

Examination Light

X340

LED



Introduction

The DARAY X340 LED examination light is designed specifically for use during medical consultation and diagnosis. This model is available with a wide range of mounting options to ensure your examination light is exactly where you need it.

Standard Features

- World-renowned LED technology
- Variable intensity
- Spring-balanced arms for versatile movement and solid positioning
- BioProtect® anti-microbial coating to assist in infection control
- Fully positionable light head, and telescopic ceiling tube for extra reach
- Various mounting options available
- Energy-efficient, environmentally friendly, and a fully recyclable product
- Excellent colour rendering

Available Options

X340LC	DARAY X340 LED ceiling mounted examination light
X340LW	DARAY X340 LED wall mounted examination light
X340LR	DARAY X340 LED rail mounted examination light (rail sold separately - see XRAIL below)
X340LD	DARAY X340 LED desk clamp examination light
X340LDS	DARAY X340 LED desk stand examination light
X340LFDM	DARAY X340 LED fixed desk mount examination light
X340LM	DARAY X340 LED mobile examination light
X340LE1	DARAY X340 LED hardwired BESA wall mount examination light (special order)
X340LE2	DARAY X340 LED hardwired wall mount examination light (special order) - with separate transformer
X340LE3	DARAY X340 LED hardwired panel mount examination light (special order) - with separate transformer
X340LE4	DARAY X340 LED hardwired wall mount examination light (special order) - with integral transformer
XRAIL	1m Medical Rail for mounting X340LR (includes wall fixings)
XBB24	Battery back-up options available, please call

Technical Specifications

Light Source	LED
Light Intensity (Lux) @ 0.5m	64,000 Lux \pm 5%
Light Intensity (Lux) @ 0.75m	30,000 Lux \pm 5%
Light Intensity (Lux) @ 1.0m	17,000 Lux \pm 5%
Light Intensity Adjustment Range	10 - 100%
Colour Temperature (Kelvin)	4,300K \pm 500
Colour Rendering Index (CRI)	95
Colour Rendering (R9)	88
Light Field Diameter (D50)	@ 0.5m: 90mm
	@ 0.75m: 125mm
	@ 1.0m: 175mm
Light Field Diameter (D10)	@ 0.5m: 220mm
	@ 0.75m: 255mm
	@ 1.0m: 340mm
Number of LED's	6
Power Consumption	14W 0.2A
Average Working Life	>50,000 Hours
Input Supply Rating	100 - 240V AC 50/60 Hz
Output Supply Rating	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

The X340 has a smooth, spring balanced arm, making the light extremely versatile, and perfect for gynaecological procedures. Utilising LED technology, this general examination light has been developed to provide an intense beam with excellent colour rendering properties. This model requires minimal maintenance and has a smooth, fully enclosed BioProtect® head to assist with the management of infection control. This is an ideal light for GP surgeries and clinics where flexibility and performance are crucial. Choose between many different mounting types dependant on your application, including: ceiling, wall, mobile, and desk options. Hardwired options also available.

Medical Approvals/Certificates

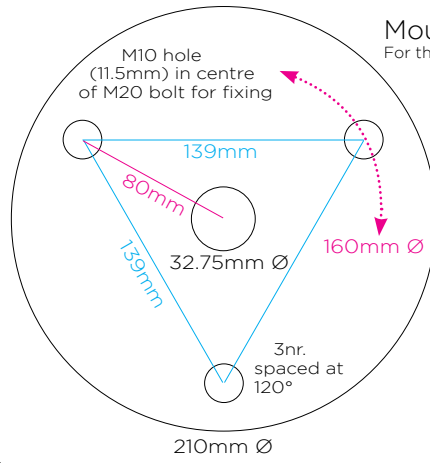
The product(s) on this datasheet adhere to the following standards in line with the 93/42/EEC Medical Devices Directive - Classification: Class 1, Rule 1.

EN 13485	EN 60601-1-2
EN 14971	EN 60601-2-41
EN 9001	EN 60601-1-6
EN 60601-1	EN 1041
2014/35/EU Low Voltage Directive	EN 60598-2-25

Technical Drawings

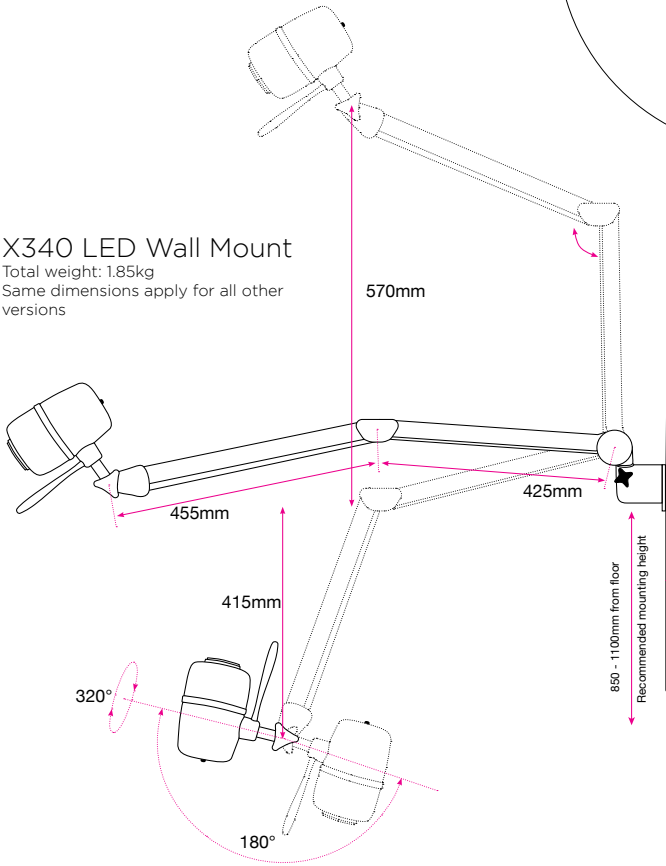
Recommended mounting height shown for the wall mounted version below, this applies to the desk and rail mount versions also. Actual mounting location should be dependent on intended use and desired reach.

Common sense should always prevail.

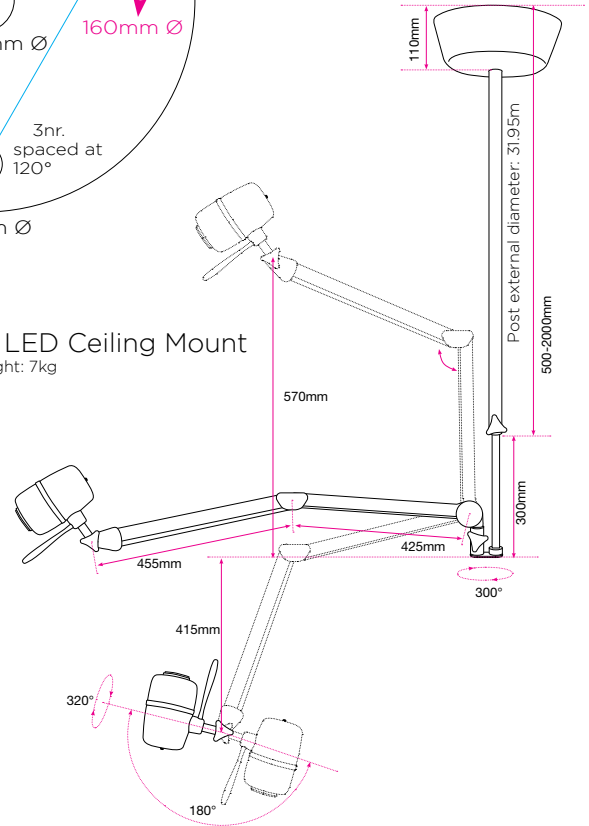


Mounting plate dimensions
For the X340 LED Ceiling Mount light

X340 LED Wall Mount
Total weight: 1.85kg
Same dimensions apply for all other versions



X340 LED Ceiling Mount
Total weight: 7kg



Recommended mounting height for the above ceiling mount version is 1900mm from floor level to the bottom of outer vertical tube.
Cut tube to desired length, 1m tube supplied as standard. (2m tube available for higher ceilings)

Mounting Options

These are DARAY's standard mounting options, and are all interchangeable.



Shown here are the hardwired special order mounting options, and are **not interchangeable**.



Image Gallery

Continued overleaf..

X340 LED Mobile
Code: X340LM

X340 LED Ceiling Mount
Code: X340LC
Left: Showing 300mm
telescopic tube assembly
extended
Right: Unextended



Telescopic tube
extension
(X340LC only)

Max. Height 1700mm

X340 control switch
on rear of head



X340 LED Desk Clamp
Code: X340LD



Image Gallery continued..

X340 LED Hardwired Wall Mount
with integral transformer
Code: X340LE4



X340 LED Wall Mount
Code: X340LW



Transformer housed in box at base of neck.
Box mounts directly to the wall.



Code: X340LE1



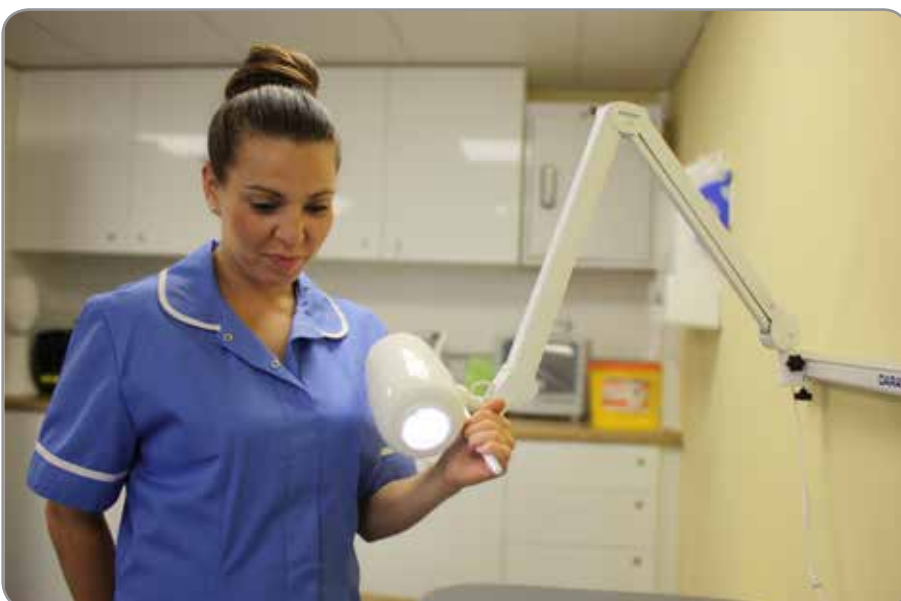
Code: X340LE2



Code: X340LE3



Code: X340LDS



6-LED Module

X340 LED Rail Mount
Code: X340LR
(shown here on XRAIL Medical Rail -
available separately)