

nviroLED™

vision of the future

We've gone green, why don't you?

X400

LED Head Upgrade



The **DARAY** X400LED Head Upgrade has been designed to retrofit the DARAY 4000, ME10 and X400 halogen models. Giving you all of the benefits that comes with LED without having to replace the whole light



- Lowest 'total cost of ownership' examination light
- Cost upto 75% less to run than halogen equivalent
- 4,200K color temperature
- 60,000 lux @ 0.5m
- Variable intensity
- Can only be installed by a DARAY engineer
- BioProtect®, full enclosed head for infection control

DARAY®
HEALTHCARE PRODUCTS

www.daray.co.uk

Tel: 0800 804 8384 Email: info@daray.co.uk

X400LEDHU

Features

- Variable Intensity from 0% to 100%.
- 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.
- No life-risk voltage at the light-head.
- BioProtect® anti-microbial coating for infection control - reduce the population of bacteria such as MRSA and E.Coli by between 99.99% and 99.9999% within 24 hours.

Specifications

LED life	50,000 hours
Light intensity	68,000 lux @ 0.5m ±5% 17,000 lux @ 1.0m ±5%
Colour rendering	R _a = 93
Red rendering	R _g = 88
Low voltage	30V 700mA
Colour temperature	>4,200K ±5% (neutral white light)

REQUIRES SPECIALIST INSTALLATION



ABOUT DARAY

DARAY have been established in the medical, dental and veterinary markets since 1968 building exceptional and durable products.

We shall continue to innovate; aiming to excel in our endeavours to deliver reliable solutions.

Designed to retrofit the - DARAY 4000, ME10 and X400 halogen models.



LEDs (light emitting diodes) have been around for a long time. Recently this technology has become leading-edge in the field of lighting - a breakthrough technological solution to the inherent problems of the incandescent light bulb. We have taken the technology and developed it further to provide high definition lighting solutions with no infrared, low environmental impact, high brightness, low power consumption, no toxic chemicals and a long operating life.

Environmentally friendly - our green promise.

- NviroLED has an intense clear white light beam equivalent to 75W halogen whilst consuming only 15W.
- 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 are not only hard-wearing but can be fully recycled when the light comes to the end of its life.

BioProtect® is an antimicrobial solution coating applied to DARAY's products for infection control. Our core products are medical, dental and veterinary lighting used by specialist staff treating patients. Infection is the highest risk in patient environments. BioProtect® provides excellent protection against illness-causing bacteria such as MRSA, Salmonella, E. coli, Campylobacter and many other bacteria and fungal growths.

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