

SL400 Series



Complies with
BS EN 60601-2-41

SL450

SL400 ordering codes

Please note: All ceiling lights are mounted on independent arms with 360 degrees of rotation from a common fixing pillar. Please advise the height of the mounting slab (soffit) above the finished floor level, and if a false ceiling is fitted.

SL450	Ceiling-mounted
SL450W	Wall-mounted
SL450M	SL450 on mobile base
SL430/450	Ceiling-mounted SL450 with SL430 as satellite (150,000 + 130,000 lux)
SL450/450	Ceiling-mounted SL450 with a second SL450 as satellite (150,000 + 150,000 lux)

* Cameras and monitors carry a one-year warranty.

Please call for camera and battery back-up options

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.



QAB-SL400M-5-1110

DARAY
HEALTHCARE PRODUCTS

www.daray.com

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

Daray make every effort to ensure that the information in this document is correct and accurate, however, we cannot be held responsible for errors and omissions. Daray reserves the right to alter specifications and to add and withdraw products without notice.

SL400

Operating-theatre light
Technology that's clear to see



SL430/SL450

- Outstanding shadow dilution
- Aerodynamic, single head
- Accurate colour rendering
- Cold light beam
- Variable focus and intensity
- Automatic backup bulb changeover
- Attractive design



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SL400 Series

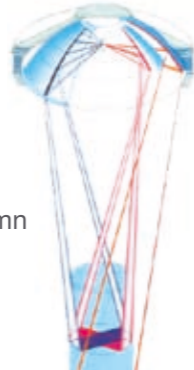
Automatic back-up bulb changeover

If the main bulb fails, a back-up bulb is powered automatically within half a second to ensure continuity of illumination. A bulb-failure indicator on the control panel shows that the main bulb has failed and should be replaced.

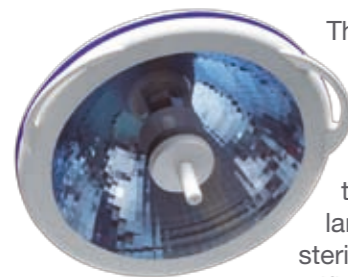


Outstanding shadow dilution and depth of field

A highly sophisticated reflector with more than 1,000 facets reflects the bulb output through multiple angles creating a virtually shadow-free column of infocus light.



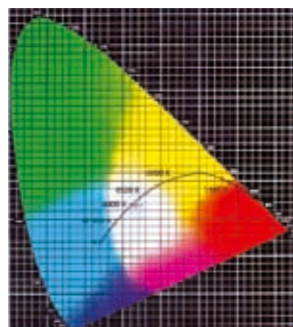
Minimal laminar-flow interference



The fully sealed light head has been aerodynamically designed to minimise turbulence of laminar-flow sterilisation and purification systems.

Accurate colour rendering of cold light beam

The internal optics filter out infra-red (heat) and other unwanted wavelengths leaving a cool light beam with a colour temperature close to daylight, so tissue and organ colours are not distorted.



Waterproof membrane control panel

A conveniently placed panel contains on/off controls, a power on indicator, bulb-failure alarms and variable output intensity controls.



Variable focus

The removable, autoclaveable light-head steering handle doubles as a twist-grip focussing control.



Finely-balanced suspension arms

Multi-jointed, spring-balanced suspension mechanisms permit accurate and stable positioning of the light patch. The arms on ceiling-mounted lights all rotate through 360°.



Video systems and back-up power supplies

CCTV cameras and monitors are available as options on most models, as are wall-mounted battery back-up power supplies.



SL430/450 with optional in-head camera and monitor system

Specifications

Model	SL430	SL450
Luminance@1m (lx)	130,000	150,000
Colour temp (K)	4,300	4,300
Light patch diameter@1m (cm)	12~28	12~28
Temp increase surgeon's head (°C)	<2	<2
Temp increase operating area (°C)	<10	<10
Focusing depth (cm)	55	70
Colour-rendering index (Ra)	96	96
Working distance (cm)	65-140	55-170
Input voltage (V/Hz)	230/50	230/50
Input power (VA)	160	160
Bulb rating (V/W)	24/150	24/150
Bulb life (h) typical	1,000	1,000

SL450M mobile light



SL450 with optional in-head camera and monitor system



Wall-mounted backup power supply