

Lighting takes on many roles within a modern hospital from exit signs to operating theatre lighting. Marlow Integrated Designs comprehensive range of lighting products allows you, the specifier, to select a whole range of suitable luminaires to suit every lighting application both internal or external.

Surgical Lighting

In partnership with specialist surgical lighting consultants MID can provide design consultancy, including site visits, for most surgical lighting applications and will be pleased to discuss your exact project requirements

For major and minor surgery and as an examination lamp in:

- Operating rooms
- Out-/Inpatients
- Emergency Wards
- Examination rooms
- Veterinary practices

Versatile and compact design

- Air stream optimised for laminarflow compatibility
- Light and flexible for easy positioning
- Removable, sterilisable handles
- Easy replacement of Halogen/ Xenon bulbs
- Uniform illumination across working area
- Colour correction for visual comfort
- Shadow-free in operation field
- Very sturdy construction
- Hermetically sealed

High performance

- High lux output/intensity
- Deep cavity penetration
- Sharply focused, high intensity light pattern
- Heat reflected upwards and transmitted through the IR-transmitter
- Dimmable lights
- High lux up to 4 x 150,000 lux
- Surgical Light with colour video system



Theatre installation



Theatre lamp Ref: 3SI wall mounted



Mobile theatre lamp Ref: 2SIFF



Ceiling theatre lamp Ref: 6SI D Solo I



Theatre lamp Ref: 6SI with ceiling mount



Theatre installation using Ref: 6 x 5SIF Multi

The comprehensive program

Ceiling

- Individual lights 2 beams 1-branch, "SOLO", not focusable
- Individual lights 3-6 beams, 1-branch, "SOLO", focusable
- Ceiling hanging surgical lights, 2-branches "DUO", focusable
- Ceiling hanging surgical lights max 4-branches "MULTI" focusable

Wall

- Individual lights 2 beams, not focusable
- Individual lights 3-6 beams, focusable

Mobile

- Individual lights 1-2 beams, not focusable
- Individual lights 3-5 beams, focusable
- Optional with emergency power supply (as in picture)

IR-Transmitter

Because of the infrared permeable hood of the lamp most of the heat is exhausted upwards. The result is a cooler working field for the surgeons.

Diameter

Specially designed for laminar-flow outlets. The very small diameter of only 8 cm and the stream optimised shape of the light heads are disturbing the airflow to a minimum.

Focus- / Positioning

The lamp can be positioned and focused fast and easily with the swivelling sterilisable handle.

Easily manoeuvrable with two centre-close joints

The rotation points A and B of the lights are close to the centre. This creates an extreme mobility almost comparable with a ball-joint. With fingertip light manipulation lamps can be positioned in the appropriate angle.