

Smart Solution for Surgery Illumination

DOME LUX

Surgical Light Series

DOMELUX

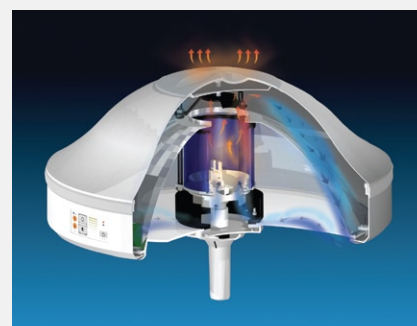
Surgical Light Series



The advance Domelux provides optimal illumination in the surgical field, in addition, a wide range of configuration that is closely matched to the needs of any procedures. Domelux features excellent focus capability. This is the best choice surgeon will find that meet their battle demand and limited budget.

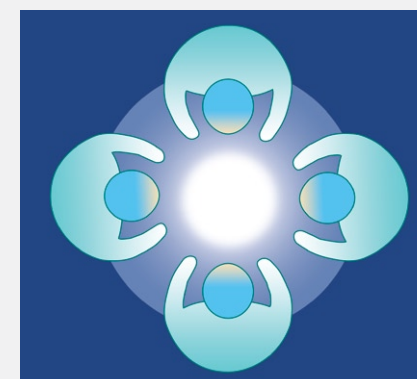
The Domelux ceiling solution offers you the widest range of possible combinations customized to your use, as well as great flexibility of positioning in a confined space.

The Domevision video system is intended that a camera and up to flat TFT screen be fixed onto a separate arm of the Domelux ceiling system. The flat TFT screen also can be connected signal with digital or analog endoscopy systems.



Cool Light

99% of undesired thermal radiation is absorbed by specific coated filtration lens to reduce the heat generated in the light cone. Heat passes through the top of the light head, and away from the working field to ensure proper delivery of cool lighting

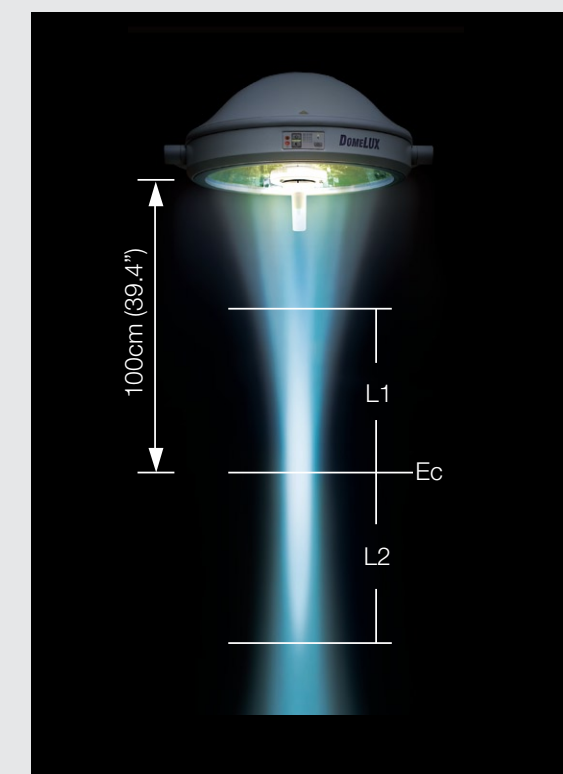


Shadow Reduction Control

The formation of multi-facet light beams are precisely and accurately project to the surgical field, as a result of which the potential shadow throughout the working field depth can be avoided.



- Single, dual or triple light-head options available
- Cool light ensures maximum comfort during long procedures
- Deep cavity and correct color temperature illumination
- Excellent shadow reduction control
- Quick and easy bulb replacement
- Single and dual separate suspension arm flat screen available
- Separate suspension arm video ccd camera available



Highest Light Penetration

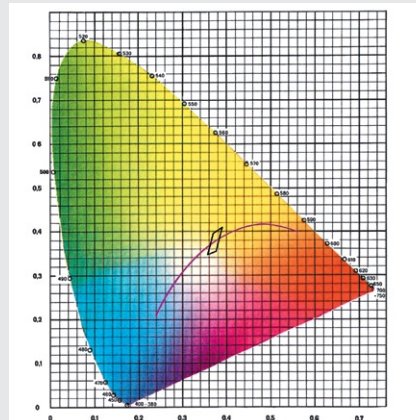
The "light column" provides even, homogeneous light distribution with optimized in-depth focal illumination.

DOME LUX Surgical Light Series



Superior Cleanability

Aerodynamic design light head offer little turbulence, and it also reduce the amount of bacteria circulated and provide more sterile working environment.



Color-Corrected Light

To optimized color clarity of the natural light is supplied less than 4200K with 95 Ra. This allows the skin and the appear in a natural state without color distortion from the light.



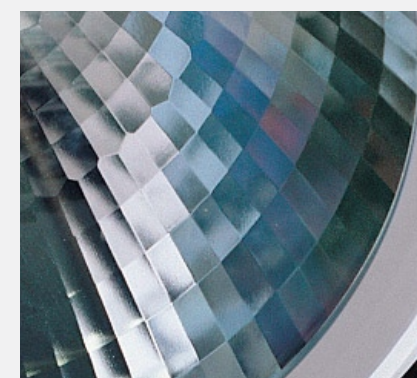
EZ Sterilizable Handle

Easy-to-grip always within reach and fix. By pressing the release button of the hand grip sleeve is release and can be removed from the sleeve mounting.



Easy Bulb Replacement

It's tool-free design allows for replacing bulb within seconds.



Multi-Facet Reflector

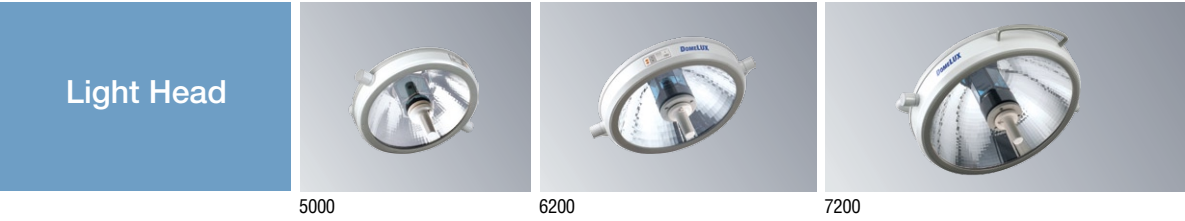
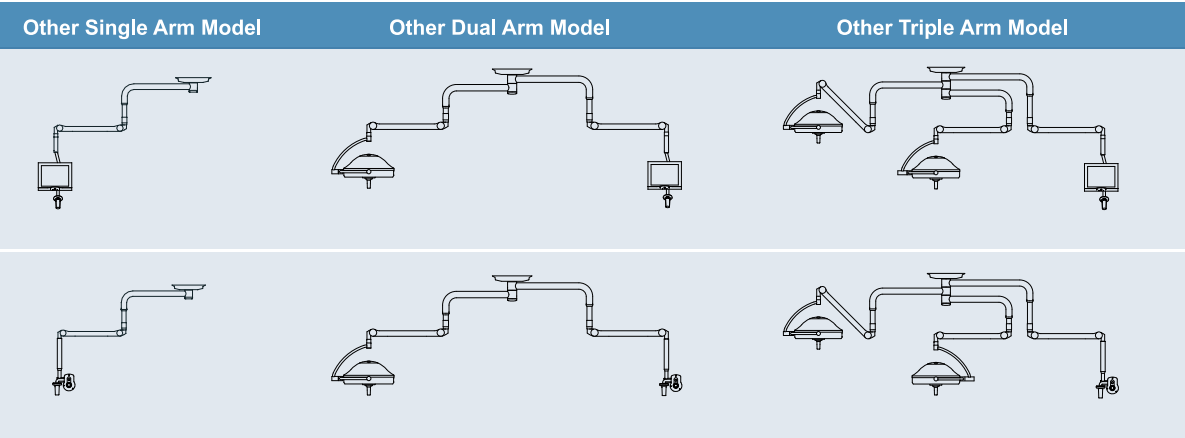
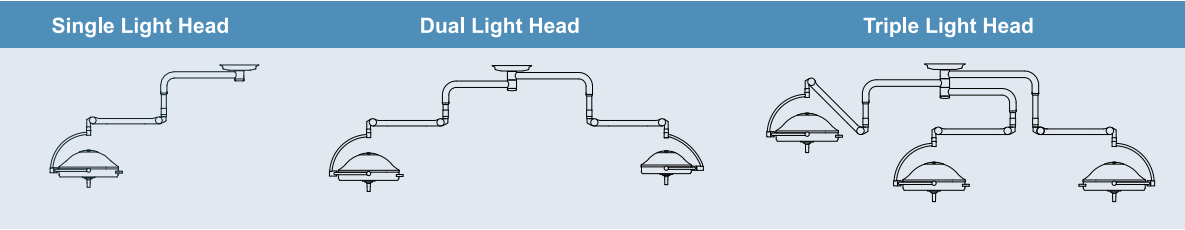
Trident multi-facet reflector is composite of 1980 individual reflectors to group and concentrate light beams from 39.4" (1M) distance from the 7200 light head, and project light in the field depth.

Domevision Separate Suspension Arm Camera surgical imaging system

Surgical procedures are generally required by the filing, training, instruction, and tele-consultation / conference. Domevision Surgical Image System provides all kind of function in the future OR image system. The high-resolution camera carried by the separate suspension arm provides the excellent and wide range image of the surgical procedures.



Model Combination for DomeLUX



Optional Items

Separate CCD Arm (in Camera Arm) Code C	TFT (in Monitor Arm) Code T	Wall Control Box Code A	Infrared Remote Control Code R
1/4 "color CCD NTSC / PAL Elements:752(H) x 582(V) / 768(H) x 494(V) Optical Zoom: x 18 / x 26 Digital Zoom: x 12 (216X with optional zoom) Dimensions: 52 x 57.5 x 88.5mm Input:100~240 Vac 50/60 Hz Output:12Vdc , 0.75~0.33A	17" / 19" Display Resolution: SXGA 1280 x 1024 Max DC-IN 15pin D-sub RCA x 1 S-Video x 1 16.77M color 42W max Dimensions: 375 x 55 x 325 mm Input: 100~240 Vac 50/60 Hz Output: 12Vdc , 0.75~0.33A	Light Intensity Control & On/Off	Light Intensity Control & On/Off CCD Control Auto Focus Optical Focus Zoom



*Only for light head 6200 / 5000

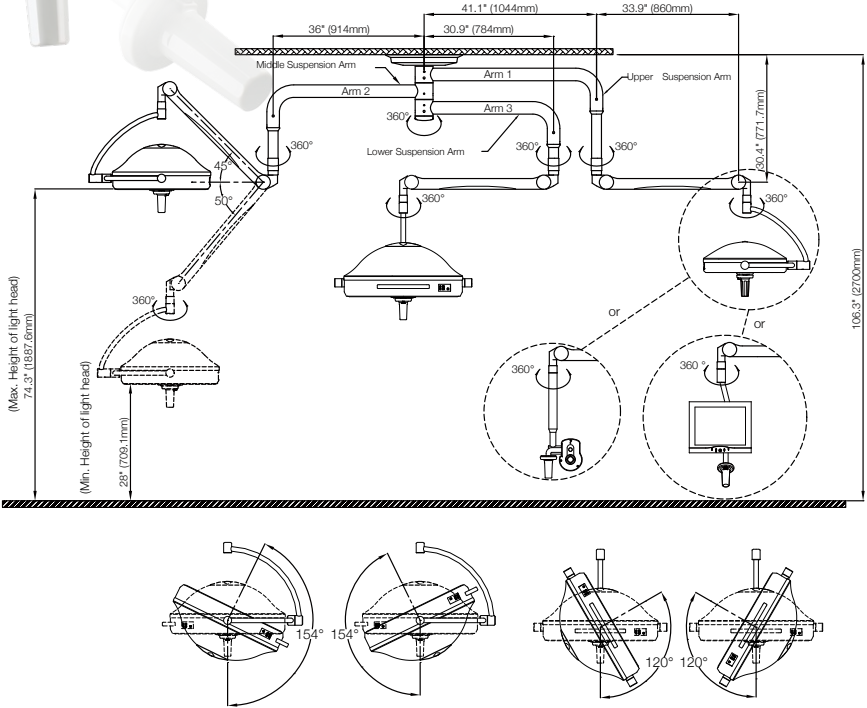
S series

E series

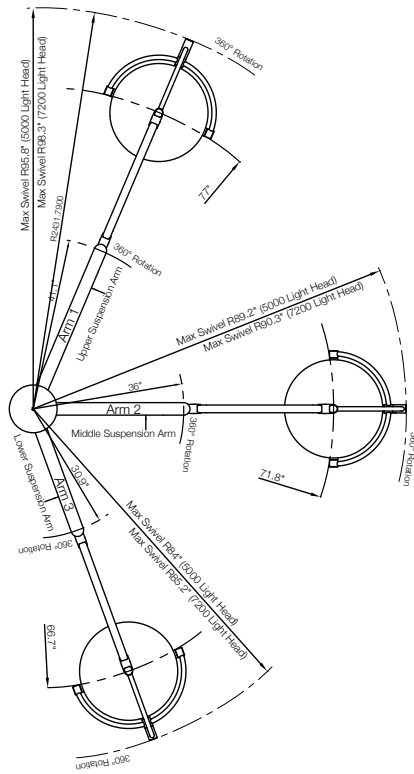
W series



Range of Circular Motion



Range of Articulation



Technical Data

MODEL	5000	6200	7200
Light Head Diameter	50 cm / 19.7"	59 cm / 23.2"	71.5 cm / 28.2"
Reflector Diameter	42 cm / 16.5"	50 cm / 19.7"	62 cm / 24.4"
Max Intensity at 1 m (Ec)	100,000 / lux	130,000 / lux	150,000 / lux
Color Temp.	4200 ± 200 K		
Color Rendering Index	95		
Infrared Absorption	99%		
Field Diameter	10 ~25 cm / 3.9"~9.8"	10 ~25 cm / 3.9"~9.8"	10 ~30 cm / 3.9"~11.8"
Depth of the Volume of light L1+L2	103 cm / 39.3"	110 cm / 43.3"	120 cm / 47.2"
Temp. Increase	<2°(Head), <12°(Working Field)		
Light Head Weight	29.76 lb / 13.5kg	30.86 lb / 14kg	36.37 lb / 16.5kg
No. of Bulb	2 (1Primary & 1 Back-up)		
Bulb Spec.	22.8VDC , 150W		
Bulb Life	1000+ hours		
Volt. Required	100~240Vac		
Minimum height from ground to ceiling	2,700 mm		

* All specifications are subject to change without prior notice.

* Extra low ceiling (<2700mm), please refer to Domelux EX series.

your view we focus



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GMP: ISO-9001 & EN-46001
CERTIFIED FIRM

