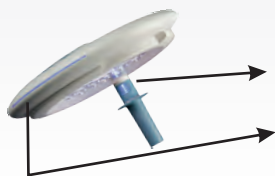


SURGICAL LIGHTING SYSTEM FROM AUSTRIA

Twin Dome surgical Lighting system LP 2000

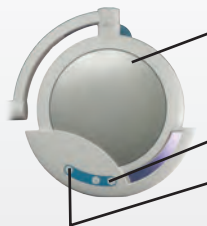
With Technical assistance from
Photonic Optische Geräte GmbH & Co KG-Austria
For Major Operation theaters



Convenient Intensity adjustment by rotating Hand grip with LED Intensity indication
Intensity level Indication through blue ribbon display



Spider web design array of LED Bulbs with each bulbs light emission reflecting through all of the 30 Lenses for shadow free illumination.



Designing excellence, by making 80% of dome top surface is endothermic to act as a
Heat absorbing Sink, so surgeon side of Dome is maintained with cool light.

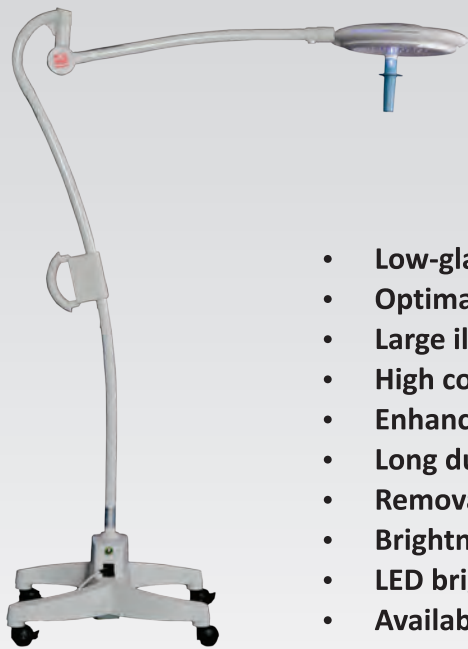
Alternate (Emergency) intensity adjustment on dome top with soft keys.
Power on/Off.

Specifications :

- Lux Intensity 2,20,000 to 2,30,000 Lux
- Colour temperature 4500 K
- Number of LED's 30+30+30
- Colour rendering index Ra > 94
- Red colour rendition R9 > 92
- Diameter of operating field 190 mm per light head.
- Depth of illumination 960 mm
- Total irradiance Ee 260 W/m² 390 W/m² per light head
- Power consumption 25 W 33 W
- Service life LED > 50000 h
- Power supply 100 – 230 V AC, 50/60 Hz
- Protection type (IP code) IP 42
- Weight of light head 2.9 kg each

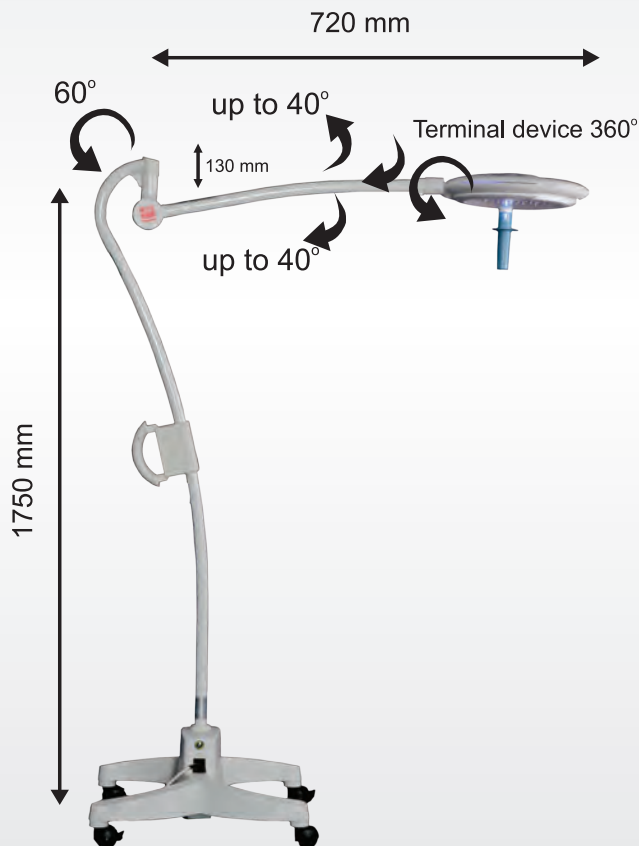
Features

- Enhanced RED tissue visualization
- Each LED's light emission is Lead through to reflect in all 30 Lenses complex to achieve optimum depth without glare to strain the Surgeons eyes
- Small size, Laminar friendly
- The top of Dome is made of an ENDOTHERMIC MATERIAL Which absorbs all the heat from LED's



Photonic LED Surgical lights have excellent advantages over conventional LET OT lights, yet at an economical pricing to Hospital's needing High Quality surgical lights.

- Low-glare illumination with neutral white light
- Optimal depth of illumination - no refocusing necessary
- Large illuminated area for most demanding procedures
- High colour rendition for natural and accurate reproduction of examination areas
- Enhanced visualisation of red tissues
- Long durability of LED's – more than 20 years at standard use
- Removable sterilisable grip
- Brightness control on the control panel of the light head as well as via grip
- LED brightness indicator bar on light head and grip
- Available in three configurations – Mobile, Wall Mounting and Ceiling Mounting



MOBILE LIGHT FOR MINOR SURGERY LABOUR ROOM PLASTIC SURGERY ETC.

Model : ML 1000 MOBILE

Specifications :

- Central Illuminance EC at 1 mt 100 000 lux
- Number of LEDs 30
- Colour temperature 4500 K
- Colour rendering index Ra > 94
- Red colour rendition R9 > 92
- Diameter of operating 190 mm
- Depth of illumination 960 mm
- Total irradiance 390 W/m²
- Power consumption 33 W
- Service life LED > 50000 h
- Power supply 100 – 230 V AC, 50/60 Hz
- Protection type (IP code) IP 42
- Weight of light head 2.9 kg
- Conformity with standards IEC 60601-1, IEC 60601-1-2, IEC 60601-2-41



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