



**Lumens Medical Pvt. Ltd.**

*Life Enhancing Technology*

An ISO 9001, ISO - 13485, CE, WHO cGMP, ISO -1400 Certified Company

Photonic Optische Geräte GmbH & Co KG - Austria in Technical Collaboration with Lumens Medical Pvt. Ltd. India make World Class LED Operation theater lights now affordable to every Hospital.

The conversion of an existing Simple OT into a World class illumination Operation Theatre



**Conventional Light**

It takes only a few hours to convert your existing OT with conventional lighting into a world class surgical illumination operation theatre.

**Conventional Light**



**Conventional Light**



- The system** : We simply remove your existing old Domes and replace with Photonic domes.
- The Procedure** : No disturbance to OT Structure, we use the old OT Light Arms without dismantling them. We fit Photonic Domes and align your arms with them.
- The Time** : Time taken for the conversion is 2-3 Hrs. approximately
- The LED Life** : 20 years of LED Life assured.
- Lux Intensity** : As per surgeons requirement 2,00,000 Lux, 2,40,000 Lux, 2,00,000 Lux, 3,20,000 Lux or 3,40,000 Lux available.
- Size of Domes** : Photonic - Lumens Medical Lights are future ready for Laminar flow compatibility. As per NABH Norms most hospitals will be opting for upgrading their OT's with Laminar flow system at a later stage. Our domes are Laminar ready to their small size and design.
- Heat control** : Photonic developed a design where 80% of dome structure is a HEAT ABSORBING SINK.  
The top of Dome is made of an ENDOTHERMIC MATERIAL which absorbs all the heat from LEDs.