



*High-Tech, maximum light*

**Illumination Stability Function**

- ◆ *The ISF system prevents the intensity of the LED technology from falling, and maintains constant lighting levels by applying an automatic compensation. Guarantee optimum operating conditions in all circumstances.*



Model: LD10.02 Double Head Operating Lights



Model: LD10.01 Single Head Operating Lights



Model: LD05.06 Mobile with Battery  
Battery back up system provides 2,5 hours of energy

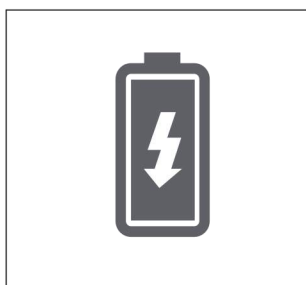
## OPERATING LIGHTS

INSPITAL LED operating lights are designed to meet all surgical illumination requirements of operating theatres. New generation LED technology helps the surgeons to operate and view the surgery area clearly. INSPITAL LED lights can be adapted in any size of operating theatres including large hybrid types with variety of models & combinations.

### TECHNICAL SPECIFICATIONS

• Max. Illumination power, in 1 m	: 160.000 Lux
• Diameter of lighthouse	: Ø670 mm
• Color temperature	: 3000 K - 5000 K
• Color rendering index, Ra CRI	: 96%
• Dimming Range	: % 1 - 100
• Light Field Diameter d10	: 24 - 36 cm / 9.5" - 14.2"
• Light Field Diameter d50	: 13 - 28 cm / 5.1" - 11"
• Number of LED modules	: 60
• Lifetime of LED	: >60.000 h
• Degree of turbulence (standard value 37.5% max.)	: 29%
• Depth of the volume of light L1 + L2 at 20%	: 130 cm / 51.2"
• Depth of the volume of light L1 + L2 at 60%	: 76 cm / 30"
• Camera	: Additional options
• Irradiance at nominal illuminance	: 200 W/m <sup>2</sup>
• Additional options	: Touch Screen Pro Control Unit, Camera, Monitor, Battery Back Up

◆ *All values are measured according to IEC 60601-2-41.*



#### Battery

- ◆ External battery can be added for ceiling type operating lights  
A.C. : LD05.05