

OPERATING LIGHTS



TECHNICAL SPECIFICATIONS

MAIN LIGHTHEAD

SATELLITE LIGHTHEAD

• Diameter of lighthouse	: Ø650 mm	: Ø440 mm
• Illumination power, in 1 m	: 160.000 Lux	: 120.000 Lux
• Color temperature	: 3500 K - 5000 K	: 3500 K - 5000 K
• Color rendering index, Ra CRI	: 96%	: 96%
• Dimming Range	: % 10 - 100	: % 10 - 100
• Adjustable focus diameter	: 120 - 300 mm	: 120 - 170 mm
• Temperature increase in surgical area	: < 0,5°C	: < 0,5°C
• Number of LED modules	: 68	: 28
• Lifetime of LED	: 50.000 hour	: 50.000 hour
• IP	: IP 54	: IP 54

OPERA

DL-62C
Without Monitor
A.C.: 22.1106



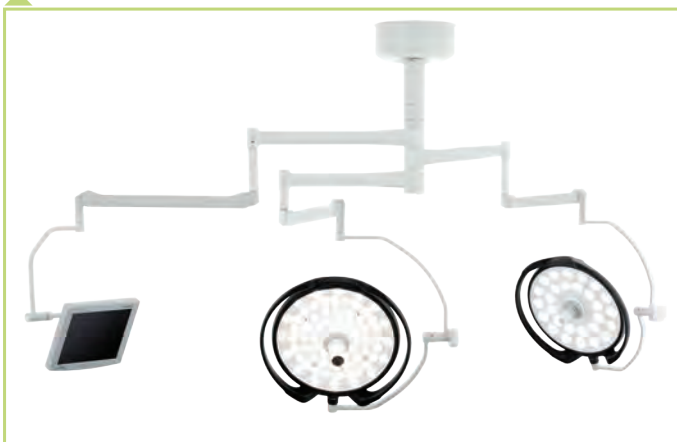
DL-6CM
Light with camera & Monitor
A.C.: 22.1113



DL-6M
Standard Light & Monitor
A.C.: 22.1112

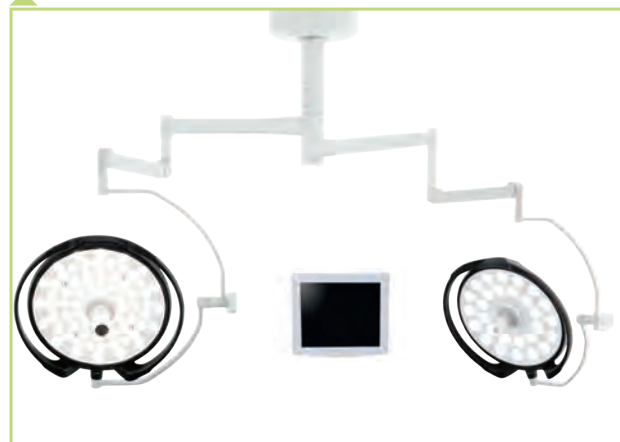
Opera LED operating lights are designed to meet all lighting and viewing requirements of operating theatres. Powerful LED technology with high-tech camera solution helps the surgeons to operate and view the surgery area clearly. Opera LED lights can be adapted in any size of operating theatres including large hybrid types with variety of models & combinations.

DL-62CM
Arm Mounted Monitor



A.C.: 22.1107

DL-66CM
Wall Mounted Monitor



A.C.: 22.1098

OPERATING LIGHTS



DL-6D A.C.: 22.1093



DL-62D

A.C.: 22.1094



DL-662D

A.C.: 22.1097



DL-2MB

A.C.: 22.1102



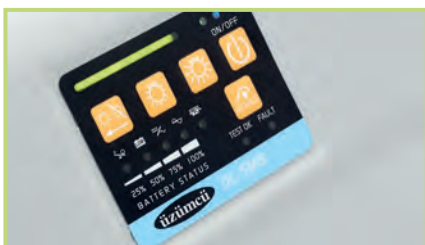
DL-2D

A.C.: 22.1092 (D)



DL-66D

A.C.: 22.1096 (D)



Battery & Control Panel

Battery system running automatically in case of electricity failure and providing continuous energy for 2,5 hours (DL -2MB)

Multi-functional control panel for monitoring battery status and adjusting lamp functions



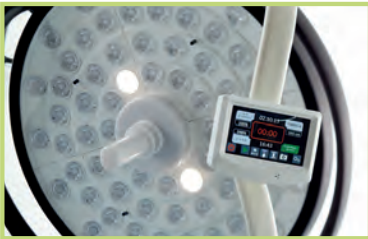
LED Technology

- High LED technology fulfilling lighting requirements of any kind of operation
- Maximum lighting level by a single button
- LED bulbs of the lamp may be changed individually and have 50.000 hours of lifetime



Special Head Design

- Head design with low aerodynamic resistance protects the surgical room's laminar flow



Sensor Technology & Endoscopy Mode

- Sensor technology enabling automatic light off of related LED sections and preventing formation of shade on the lighting area when faced with a barrier
- Sustainable functionality for endoscopic and minimally invasive surgical procedures by a single light function (endolight function)
- Adjustable color temperature between 3500-5000 °K
- LCD colour touchscreen control panel controlling all functions



Camera System & Focusing

- Camera and medical monitor practically integrable with the lamp head for training purposes. It enables monitoring and recording operations.
- Manual focus function can be adjusted from the handle or the control panel



Alternative Control Panels

- 4.3" LCD touchscreen and membrane control panel with led indicators are available for all lamp heads