

üzümcü





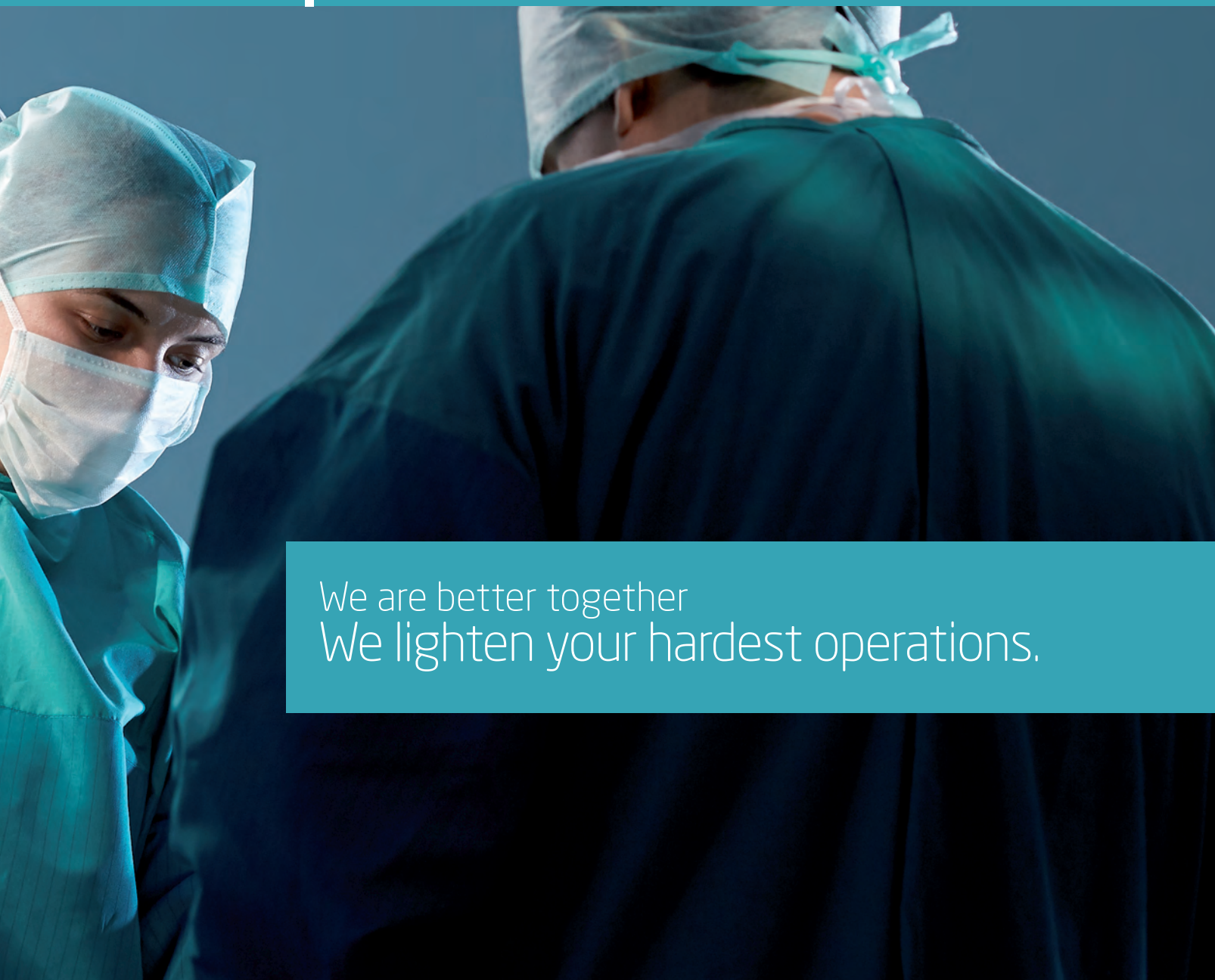
üzümcü



MEDICAL LAMPS



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We are better together
We lighten your hardest operations.

OPERATING LAMPS



IP 54

< DUO LED CC



DUO LED X1



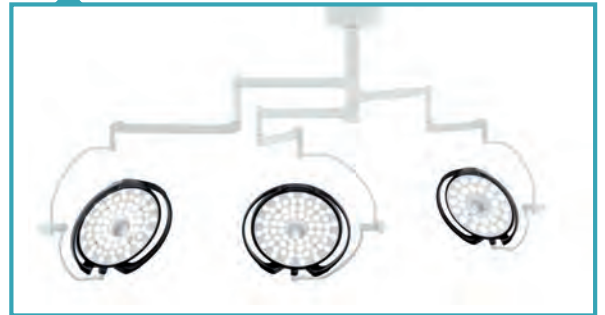
A.C.: 22.1001

DUO LED X2



A.C.: 22.1002

DUO LED X3



A.C.: 22.1016

Technical Specifications

• Diameter of Lighthead	: 650 mm
• Illumination Power, in 1 m	: 160.000 Lux
• Color Temperature	: 4270 K
• Color Rendering Index, Ra CRI	: 96
• Dimming Range	: % 1 - 100
• Adjustable Focus Diameter	: 120 - 300 mm
• Temperature Increase in Surgeon Head Area	: < 0,5°C
• Number of LED Modules	: 68
• Lifetime of LED	: 50.000 hours
• Total Power Consumption	: 130 W
• IP (Imgress Protection Rating)	: IP 54



A.C.: 22.1032

DUO LED SERIES



Camera Specifications

- SONY HD Analog Camera
- CMOS Optic Sensor
- 2 MP Image
- 10 X Optic / 12 X Digital Zoom
- Auto Focus
- HD 1080i; 16:9
- SD NTSC, PAL; 4:3 / 16:9
- SD NTSC, PAL; 4:3 / 16:9

Monitor Specifications

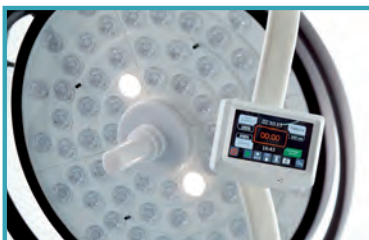
- LCD Panels : Active Matrix with IPC
- Viewing Area : 19"
- Resolution : 1280 x 1024
- Resolution : 178°
- Response : 10 - 16 ms

Detailed Specifications



< LED Technology & Head Design

- High LED technology fulfilling lighting requirements of any kind of operation
- Maximum lighting level by single button
- Bulbs of the lamp may be changed individually and has 50.000 hours of lifetime
- Head design with low aerodynamic resistance protecting laminar flow of the surgical space



< Sensor Technology & Endoscopy Mode

- Sensor technology enabling automatic light off of related LED sections and preventing formation of shade in the lighting area when faced with a barrier
- Sustainable functionality for endoscopic and minimally invasive surgical procedures by single button endolight function
- LCD colour touchscreen control panel controlling all functions



Camera System & Focusing

- Camera and medical monitor practically integrable with the lamp head for training purposes, enables monitoring and recording operations.
- High technology measuring the distance between the sensors on the lamp and head-incision area for automatic focusing
- Manual focus function can be adjusted by handle or control panel



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< DUO HALOGEN CC



DUO HALOGEN X1



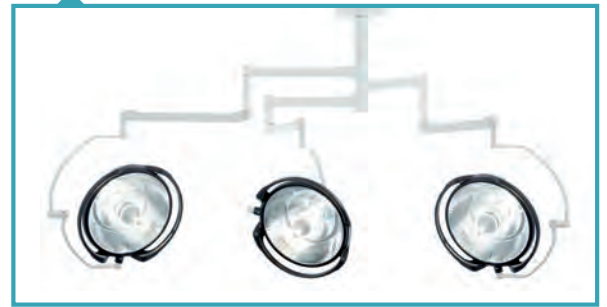
A.C.: 22.1005

DUO HALOGEN X2



A.C.: 22.1006

DUO HALOGEN X3



A.C.: 22.1007

Technical Specifications

• Diameter of Lighthouse	: Ø650 mm	• Focus Diameter	: 180-270 mm
• Illumination	: 160.000 Lux	• Bulb	: 24V / 150W Halogen
• Color Temperature	: 4290 K	• Inlet Voltage	: 220-240 V / 50-60 Hz
• Depth of Illumination	: 720 mm	• Color Rendering Index, Ra CRI	: 95

DUO HALOGEN SERIES

Detailed Specifications



< Head Design

- Modern design offering high quality lighting solution by producing pure white light of 160,000 lux and visual uniqueness with its double-phase reflector design
- Head design with low aerodynamic resistance protecting laminar flow of the surgical space



< Continuous Lighting & Sterilization

- Spare bulb switches within 0.3 seconds in case of main bulb failure and motorized system prevents the change of focus
- Easily accessible bulb can be replaced without requiring any equipment
- Handle enabling the surgeon to position and focus in sterile environment and ergonomic use suitable for all sterilization procedures



< Control Panel

- Multi-functional control panel for monitoring the status of main and spare bulbs, bulb lifetime and current date and hours and enabling light intensity adjustment



< Ergonomic Arm Design

- Ergonomic arm design connected to a single center has 360 degrees of movement capacity and provides perfect positioning according to the need
- Brake system with high stability enabling lamp head to be fixed in the positioned area



< Positioning

- Handle with ergonomic use encircles the lamp head and enables positioning in the sterile area



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LD-5MB >

A.C.: 22.1080



LD-5M >

A.C.: 22.1079

Technical Specifications

• Diameter of Lighthouse	: Ø500 mm	• Depth of illumination	: ≥700 mm
• Illumination	: 80.000 Lux	• Lifetime of LED	: 50.000 hours
• Color Temperature	: 4000 K	• Inlet voltage	: 220-240 V / 50-60 Hz
• Adjustable Focus Diameter	: 120 - 350 mm	• Total Power Consumption	: 54 W
• Color Rendering Index, Ra CRI	: 92%		

OL-5 SERIES



< LD - 5D

A.C.: 22.1081



< LD - 5T

A.C.: 22.1082



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Detailed Specifications

< Tailor-Made Solutions

- Tailor-made solutions offers high lighting capacity, with options of mobile, with/without battery, wall or ceiling type models are used in emergency, intensive care and minor surgical interventions.

< Continuous Lighting & Sterilization

- Specially designed with adjustable illumination power and adjustable focus functions
- Handle with ergonomic use encircles the lamp head and enables positioning in the sterile area
- Flat and smooth surface compatible with cleaning and disinfection principles

< Battery & Control Panel

- Battery system running automatically in case of electricity failure and providing continuous energy for 2,5 hours (LD-5MB)
- Multi-functional control panel for monitoring battery status and adjusting lamp functions



EXAMINATION LAMPS



ML-60L >

ML-40L >

← ML-70L

A.C.: 22.1015

A.C.: 22.1014

A.C.: 22.1013

Technical Specifications

• Illumination	: 30.000 Lux / 0,4 m	• Number of LED modules	: 6
• Light Head Diameter	: Ø100 mm	• Color Temperature	: 6500 K
• LED Lifetime	: 50.000 hours	• Inlet voltage	: 220-240 V AC / 50-60 Hz

Detailed Specifications



< LED Technology

- Advanced LED technology to fulfill lighting requirement of any kind of surgery and examination
- Well-focused lighting with LED bulbs connected to specially developed reflector
- Technology not requiring maintenance during the lifetime of bulb



< Body Structure & Head Design

- Head can be positioned in required area and can be rotated 360-degree thanks to its spiral body structure.
- Modern and stylish design



< Cleaning & Disinfection

- Cleaning and disinfection solution-proof flat and smooth surfaces

< Tailor-Made Solutions

- Tailor-made solutions with mobile and rail type options



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