

CHIRAG CLARO LED LIGHT SOURCE



TOUCH SCREEN LED LIGHT SOURCE – LED LONG LIFE WARRANTY

CHIRAG CLARO LED LIGHT SOURCE IS A LIGHT GENERATING UNIT DESIGNED TO ILLUMINATE SURGICAL SITES DURING ENDOSCOPIC APPLICATIONS. CHIRAG CLARO USES LIGHT EMITTING DIODE (LED) TECHNOLOGY TO GENERATE BRIGHT, CRISP LIGHT WHICH IT DELIVERS TO THE SURGICAL SITE VIA A FIBER OPTIC CABLE.

Features

LED Temp warning: Warning on display if temperature is nearing unsafe zone. This allows time to arrange replacement. Auto cut-off on reaching unsafe zone.

Color Integrity: Use of CPC technology instead of glass lens which means white light throughout life. Fall resistant up to 3 feet height.

Safe Light Technology: Light Cable detection. Enters Standby when no light cable. This feature reduces the risk of injury to patient & operating room staff.

Scope Safety: Broad and Narrow Telescope selection for fiber optic cable safety.

Technical Specifications

Light Engine: High-Power LED

Colour temperature: 6500k

Brightness: Typically 4000 lm at light source

Light intensity: Equivalent to 180 W Xenon

LED Life: 50000 hours

Fiberoptic diameter Range: 2mm - 6 mm

Optical Cable Compatibility: Default Storz type (Custom for Olympus , Wolf and Stryker)

Control: Touch screen, 10- step dimming for quick intensity control

Electrical: Primary: 100-240 VAC , 50/60 Hz, Fuses : Two

Chirag Claro LED Power Rating: 150 VA compared to 180W Xenon is 450VA,

Operating Condition: 5-40°C , 30-95% Relative Humidity

Size: 310*120*330

Weight: 5.5 Kg

Classification and Approvals: Complies with medical safety standards IEC 60601-1:2005

Complies with medical EMC standard

Class 1 Equipment

Type CF applied parts

Water Ingress Protection, IPX0 – Ordinary Equipment

Transportation and Storage

20°C to 60°C , 10%-75% Relative humidity 700-1060 hpa

Models

LUZ 9090C & LUZ 9070C



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