CUDA®
SURGICAL

ELITE 1000 - 300W Xenon Lightsource

 Our premium model offers the brightest and whitest illumination required for surgical procedures. Standard to this model is a 1000 hour lamp, lamp life hour meter on the rear panel and 5600k color temperature.

- New Ceramic body elliptical lamp
- 1,000 hour lamp
- Precise Lamp Alignment System
- Dual Fan Cooling System
- Manual Intensity Slide
- Automatic Shutter
- Reliable
- Whisper Quiet
- Quality, Performance and Advanced Aesthetics

ELITE 1000

- Lamp Type Ceramic Body Elliptical Lamp
- Lamp Power Rating 300 Watts
- Lamp Color Temperature 5,600K
- Lamp Warranty 1000 Hours
- Front Panel Controls On/Off Switch, Attenuator Control, Turret
- Input Voltage Range 100 – 120 VAC 50 /60Hz, 220–240VAC 50Hz
- Power Consumption 450 Watts
- Regulatory UL60601, EN 60601-1, EN 60601-1-2, CAN/CS C22.2,
  No 601.1-M90, CE
- Equipment Class BF-TYPE
- Dimensions 338mm (13.3") W x 155mm (6.1") H x 457mm (18") D
- Weight 10.0 kg (22 lbs)
- Variable Spot 20 -110mm measured at 16" (40cm)
- Light Output - 225,000 Lux measured at 16" (40cm)

Ordering Information

- ELITE1000-K 300 Watt Xenon Lightsource, 4 Port Turret
- DRH-110B-ESG CUDA ELITE " RCS" HDBND & 110MM VAR. spot module,
  3.5MM Molded Suregrip black BIF cable
- SYC0070T Floorstand For CUDA Lightsources
- SYC0300 Replacement Lamp Module for ELITE1000
  (For International use replace -K with required power cord plug)

CUDA®

SURGICAL

ST Technologies, 6018 Bowdendale Avenue, Jacksonville, Florida 32216
Ph:877-814-2237 • Fx:904-733-4832
www.cuda.com

CE

LIT 176A

ISO 9001 and 13485 Certified

CUDA® SURGICAL

CUDA Surgical's Xenon Lightsource

Our Lightsources provide state of the art lighting technology and ergonomic design. The reliable and efficient light provided from our lightsources is bright, "daylight" quality light that retains tissue color allowing you to get the most out of your time and skill in your demanding environment.

ELITE 300 - 300W Xenon Lightsource

Our ELITE 300 offers the brightest and whitest illumination required for surgical procedures. Standard to this model is a 650 hour lamp warranty, lamp life hour meter and 5600k color temperature.

ELITE 180 - 180W Xenon Lightsource

This model creates bright, white light required for many surgical applications including surgery centers, surgeons' offices, day surgery centers and hospital operating rooms.

Xenon Lightsources

ELITE 300W Xenon Lightsource

• Powerful source of brilliant "daylight" quality light

• Color temperature: 5600°K

• Lamp life: 650 hours

• Lamp life hour meter display on rear panel

• Removable lamp module with side access port for easy lamp change

• Variable intensity control from 0-100%.

• New ergonomically designed Multi-port turret (ACMI, Wolf, Storz, Olympus)

• PFC power supply accepts wide range of input power for worldwide operation

• Regulatory approvals: UL 60601, CSA, IEC 60601-1-2, CE marked

• Dimensions: 5" (12.7cm)H x 10" (25.4cm)D x 14" (35.5cm)L

• Weight: 13.2 lbs. (6 kg)

Elite 180W also available

Ordering Information

• ELITE300-K Elite 300w Xenon Lightsource with 4-port Turret and Hospital Grade Cord

• ELITE180-K Elite 180w Xenon Lightsource with 4-port Turret and Hospital Grade Cord

(For International use replace –K with required Power Cord Plug)

• SYC0070T Cuda Surgical Floorstand for Xenon Lightsources

• SYC0049 175w Replacement Lamp Module

• SYC0052 300w Replacement Lamp Module

CUDA®
SURGICAL

ST Technologies, 6018 Bowdendale Avenue, Jacksonville, Florida 32216
Ph:877-814-2237 • Fx:904-733-4832
www.cuda.com

CE

ISO 9001 and 13485 Certified

CUDA®
SURGICAL

CUDA Surgical "RCS" Headlight

The new Rear Cranial Support System offers a revolutionary concept that enhances the comfort and feel of wearing a surgical headlight. The crown support now runs from front to back instead of the conventional side to side allowing for better adjustment and stabilization of the module. These features increase user comfort especially during lengthy procedures.

The New Molded UltraGrip Handle eases cable removal from the lightsource and aids against fiber damage.

CUDA Surgical Deluxe Headlight

Our Deluxe style headband is economical, lightweight, and suitable for daily use.

CUDA Surgical Sport Headlight

The sportband style headlight gives you a level of total comfort and fit while still providing module stability and adjustability.

CUDA Surgical Video Camera

This is the lightest and smallest headlight camera in the industry and is perfect for documenting, teaching and reviewing surgical procedures. ¼" Color CCD with a resolution of Standard Definition (640 x 480). Allows for a working distance of 12" to 24"

Surgical Headlight

Specifications

• Newly Designed Lightweight Headband with Rear Cranial Support for added comfort

• Headlight Module with 20mm-110mm Variable Spot @ 16"

• Fused 3.5mm Bifurcated Cable 9' Long with Wolf Lensed Proximal End to optimize light output

• New Molded SureGrip and Junctions add Flexibility and the Reinforced Sheathing Protects the Fiber Bundle

• Headband with Module Weight - 4.5 oz

• Headband, Module and Bifurcated Cable Weight - 6.5 oz

System Includes

• 1 Headlight With Rear Cranial Support "RCS"

• 1 20mm-110mm Variable Spot Module

• 1 3.5mm Bifurcated 9' Long SureGrip Cable with Lensed Wolf Proximal End

• 2 Prepackaged, Sterile, Disposable Joysticks

• 1 Duffel Bag for storage

Headlight Ordering Information

• DRH-110S-ESG   CUDA ELITE " RCS" HDBND & 110MM VAR. SPOT MODULE, 3.5MM MOLDED SUREGRIP BLACK SINGLE CABLE

• DRH-110B-ESG   CUDA ELITE " RCS" HDBND & 110MM VAR. SPOT MODULE, 3.5MM MOLDED SUREGRIP BLACK BIF CABLE

• DCH-110S-ESG   CUDA Deluxe HDBND & 110MM VAR. SPOT MODULE, 3.5MM MOLDED SUREGRIP BLACK SINGLE CABLE

• DCH-110B-ESG   CUDA Deluxe HDBND & 110MM VAR. SPOT MODULE, 3.5MM MOLDED SUREGRIP BLACK BIF CABLE

• SOH-110S-ESG   CUDA ELITE SPORT HDBND & 110MM VAR. SPOT MODULE, 3.5MM MOLDED SUREGRIP BLACK SINGLE CABLE

• SOH-110B-ESG   CUDA ELITE SPORT HDBND & 110MM VAR. SPOT MODULE, 3.5MM MOLDED SUREGRIP BLACK BIF CABLE

• ESG-3500S-BLACK CUDA 3.5MM, MOLDED SUREGRIP BLACK SINGLE HL CABLE WOLF LENSED LS

• ESG-3500B-BLACK CUDA 3.5MM, MOLDED SUREGRIP BLACK BIFURCATED HL CABLE WOLF LENSED

• SYC-0040 REPLACEMENT FOAM COMFORT LINERS (Set of 3)

• SYC0067 REPLACEMENT STERILE JOYSTICKS (Set of 10)

Headlight Camera Ordering Information

• SYC-400FS Cuda Surgical NTSC Headlight Camera System and Floorstand (Domestic)

• SYC-410FS Cuda Surgical PAL Headlight Camera System and Floorstand (International)

(System Does Not Include Lightsource)

CUDA®
SURGICAL

ST Technologies, 6018 Bowdendale Avenue, Jacksonville, Florida 32216
Ph:877-814-2237 • Fx:904-733-4832
www.cuda.com

LIT 175A

C E

ISO 9001 and 13485 Certified

CUDA® SURGICAL

CUDA Surgical's LED Lightsources

LED4000

Cuda Surgical LED4000 is a state-of-the-art LED Lightsource designed to provide light for Headlight and endoscopic procedures. The lumen output is comparable to many Xenon lightsources currently being used in endoscopy. The expected LED life of 30,000 hours eliminates the need to purchase replacement lamps, thus saving money in operational cost.

• Compact, efficient, durable source of brilliant "daylight" quality light for endoscopy.
• Expected LED life of 30,000 hours
•Color temperature: 6500°K @ 75 CRI for maximum output 5600°K @ 92 CRI for fuller spectrum
• Ergonomically designed turret includes ACMI, Olympus, Storz, & Wolf ports; single port version and other options.
• LED automatically shuts off when cable is removed from active port.
• Headlight Output Measured @ 16" (40cm) - HIGH CRI 50,000 Lux, STANDARD CRI 80,000 Lux

LED3000

Cuda Surgical LED-3000 is a high brightness white LED light source that delivers clear white light required by today's surgeon's to accurately and precisely distinguish tissue color. A simple solution to the illumination needs in the specialties of endoscopy, surgical microscopy, and laparoscopy.

• Compact, efficient, durable source of brilliant "daylight" quality light for endoscopy.
• Expected LED life of 30,000 hours
•Color temperature: 6950°K
• Ergonomically designed turret includes ACMI, Olympus, Storz, &Wolf ports; single port version and other options.
• LED automatically shuts off when cable is removed from active port.
• Headlight Output Measured @ 16" (40cm) - 60,000 Lux

LED2000

• Compact, efficient, durable source of brilliant "daylight" quality light
• Ideal for office use and post OP examinations
• Expected LED life of 50,000 hours
• Color temperature: 6500°K nominal
• Ergonomically designed turret includes ACMI, Olympus, Storz & Wolfports; single port versions and other port styles are also available.
• Headlight Output Measured @ 16" (40cm) - 20,000 Lux

LED 4000 & LED 3000 Lightsource

• Compact, efficient, durable source of brilliant "daylight" quality light for headlights and endoscopy.

• Lumen output comparable to many Xenon units but more stable and consistent.

• Expected LED life of 30,000 hours (15 years @ 40 hrs/week x 50 weeks/year) eliminates costly periodic lamp changes.

• Color temperature: LED4000 6500°K @ 75 CRI or 5600°K @ 92 CRI. LED3000 6950°K

• Electronic (PWM) intensity control from 0-100%; variety of linear & geometric dimming profiles available for optimum performance with cameras.

• High-level Command Interface facilitates remote control and status access through integral RS232 and USB ports.

• Ergonomically designed turret includes ACMI, Olympus, Storz, & Wolf ports; single port versions and other port styles are also available.

• LED automatically shuts off when cable is removed from active port.

• Standby mode turns off LED but keeps lightsource energized and adjustable.

• Accepts 100-240V AC, 50/60 Hz input power for worldwide operation.

• Regulatory: IEC60601-1 3rd Edition, CAN/CSA C22.2 No. 601.1, CE mark.

• Dimensions: 11" W x 4.5" H x 11" D; weight 3.4kg (7.5 lbs).

LED 2000

Cuda Surgical LLS-2000 Lightsource

• 50W Solid State LED Light

• Compact, efficient, durable "daylight" light

• LLS-2000 utilizes new high efficiency design

• Color temperature: 6500° K nominal

• Typical LED life: >50,000 hours

• Low power consumption: 52W typical

• Electronic (PWM) intensity control from 0-100%

• Four-port turret and single port versions available

• Standard ports are ACMI, Olympus, Storz, and Wolf, other ports available

• Accepts 100-240V AC, 50/60 Hz input power for worldwide operation

• Regulatory: UL60601-1, CAN/CSAC22.2 No. 601.1, EN60601-1-2; CE marked

• Dimensions: 4.65" W x 3.32" H x 7.25" D (~10" overall)

• Weight: 1.14 kg (2.5 lbs)

Ordering Information

• LLS-4000T-SC-K LED-4000 lightsource with Standard CRI and "K" cord

• LLS-4000T-HC-K LED-4000 lightsource with High CRI and "K" cord

• LLS-3000T-K LED-3000 lightsource with "K" cord

• LLS-2000T-K LED2000 Lighsource with "K" Cord

• SYC0070T - CUDA Lightsource Floorstand

• DRH-110B-LED - GREY "RCS" HB, 110MM VAR. SPOT MODULE, ESG-4000B-BLACK BIF CABLE

• ESG-4000B-BLACK, 4MM, FUSED HEADLIGHTCABLE, WITH MOLDED GRIP FOR LED LIGHTSOURCES

(FOR INTERNATIONAL ORDERING PLEASE SPECIFY CORD REQUIRED)

CUDA®
SURGICAL

ST Technologies, 6018 Bowdendale Avenue, Jacksonville, Florida 32216
Ph:877-814-2237 • Fx:904-733-4832
www.cuda.com

LIT 177A

C €

ISO 9001 and 13485 Certified

CUDA®

SURGICAL

LLS-9000 Battery Powered LED Headlight System

CUDA Surgical's LED headlight produces an unparalleled bright, white light with superior battery life so you can work without interruption.
Revolutionary Rear Cranial Support design will create a new wearing experience - lightweight,comfortable, flexible and durable.

CUDA Surgical LED Headlight

Prepare to be amazed by the luminescent and feather weight feel of this 10W LED lighting system.
When used at full light intensity the battery will last 2 hours 45 minutes, providing 43,000 lux of light output to the surgical site. Features an audible sound when battery charge is getting low.

LED Headlight Charger

A compact and highly efficient charger will fully charge an empty four cell battery in 3 ½ hours and stop charging once fully charged. Accepts 100-240V AC, 50/60 Hz input for worldwide use.

LLS-9000 LED Headlight

Specifications

10w LED Producing Bright, White Light

• Color temperature: 4500°K

• Typical LED life: >50,000 hours

• Newly Designed Lightweight Headband with Rear Cranial Support for added comfort

• Variable Module Spot 20mm-80mm @ 16"

• Variable Intensity Control: 0 – 43,000 Lux at 16"

• Headband with LED Module Weight – 9 oz

• Battery and Holster Weight – 12 oz

• Battery Life – 2 hrs 45 min @ Full Intensity, 5 hrs 30 min at Half Intensity

• Battery Charger Accepts 100-240V AC, 50/60 Hz input for worldwide operation

• Battery Recharge Time – 3.5 hrs

• Warranty Three (3) Years on LED Headlight and One (1) Year on Battery

• Classification: European Class I, Active device per Annex IX, rule 1

• FDA Class I, Device Listing 125713

• Complies with Essentials Requirements Matrix of MDD 93/42/EEC, amended by 2007/47/CE

System Includes:

• 1 LED Headlight with Rear Cranial Support "RCS"

• 1 Clip-on Power Pack with Rechargeable Battery

• 2 Rechargeable Batteries

• 1 Single Bay Battery Charger

• 2 Garment Clips

• 1 Padded Carrying Bag with Shoulder Strap

Ordering Information

• LLS-9000-K Complete LED Headlight System (with RCS Headband)

• LLS-9000-SB-K Complete LED Headlight System (with Sportband)

• LLS-80CB Replacement Carrying Bag

• LLS-2054BE Replacement Battery

• LLS-2054C Replacement Battery Charger

• LLS-2054HE Encrypted Battery Holster

• SYC-0040 Replacement Comfort Liners (Sets of 3)

• SYC-0041 Replacement Rear Cranial Support ("RCS")

(for International ordering please specify plug required)

CUDA®

SURGICAL

ST Technologies, 6018 Bowdendale Avenue, Jacksonville, Florida 32216

Ph:877-814-2237 • Fx:904-733-4832

www.cuda.com

C€

LIT 178B

ISO 9001 and 13485 Certified

CUDA®
SURGICAL

Fiberoptic Cables

P/N ESG-3500B-BLACK

P/N ESG-4000B-BLACK

P/N SYC-2900 Luxtec Replacement

All of our fiberoptic cables are manufactured to a high standard of quality, performance, and reliability. They are skillfully manufactured in house with medical grade materials and comply with FDA regulations and ISO 13485 certification. New to our extensive line of fiberoptic cables is CUDA Surgical's Molded SureGrip handle, a patented ergonomic design feature that provides added strain-relief, durability, and ease of cable removal from the lightsource.

Cuda Surgical Headlight Cables

Our headlight cables are designed to deliver the maximum light output and performance when used with our Cuda Surgical headlights. The patented process of fusing the fiber bundle at the proximal end combined with using a high quality lens to focus the light results in an increase in light transmission outperforming the competition.

Replacement Headlight Cables

Our replacement headlight cables are manufactured with the same quality and performance as our standard fiberoptic cables. We offer high quality replacement headlight cables for the following competitors: Luxtec, Welch-Allyn, BFW, Aculux, Applied Fiberoptics, and Isolux.
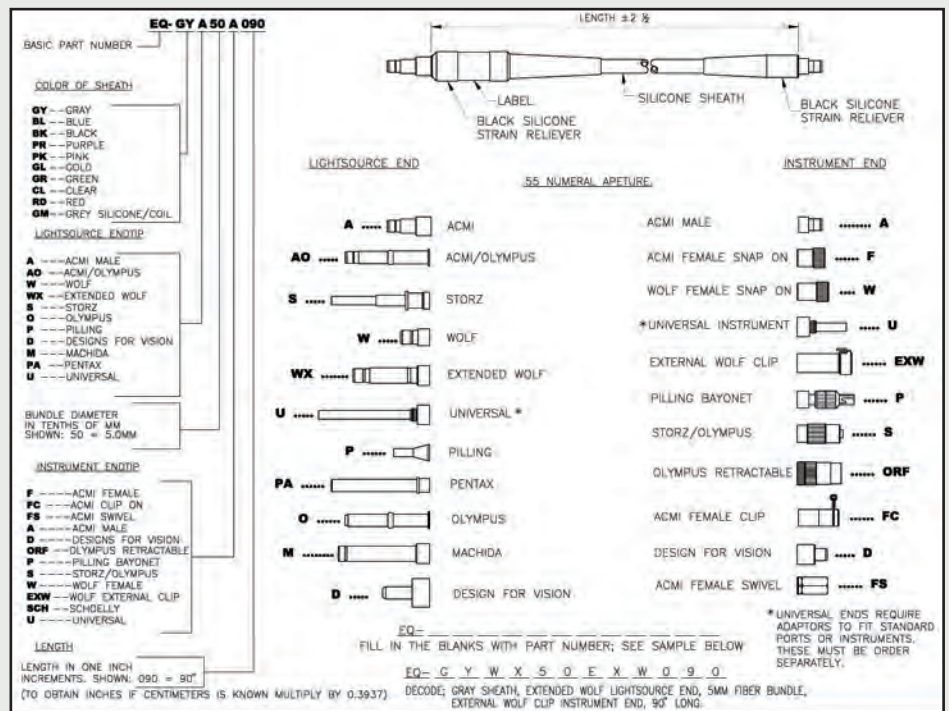
Endoscopic Cables – Universal / Dedicated

Cuda Surgical fiberoptic cables are designed to deliver maximum light when coupled to a medical grade fiberoptic lightsource. They are compatible with virtually all endoscopes, medical instruments, and microscopes.

The cables can be manufactured with bundle diameters ranging from 3.0 mm to 5.0 mm so that the bundle matches the bundle of the instrument being used for optimal lighting. We offer eight different opaque colors of medical grade silicone sheathing so that each department can have their own unique identifier. All of our endoscopic cables are hermetically sealed and can be sterilized using steam autoclave, cold soak, Steris, or Sterrad.

Endoscopic Cables – Universal Style

Cuda Surgical Universal cables can be used with various adapters according to the lightsource and instrument that is to be used for a procedure . Each end of the cable has to be fitted with a thread on adapter to properly function. This gives you the versatility of creating a custom cable by simply changing the adapters on each end.

CUDA®
SURGICAL

ST Technologies, 6018 Bowdendale Avenue, Jacksonville, Florida 32216
Ph:877-814-2237 • Fx:904-733-4832
www.cuda.com

LIT 179A

CE