



## CUDA Headlights



CUDA Deluxe RSC Headlight  
3.5mm BIF Headlight Cable, 20-110mm Variable Module with Ratchet Style Crown Part Number: DRH-110B

3.5mm STR Headlight Cable, 20-110mm Variable Module with Ratchet Style Crown Part Number: DRH-110S

CUDA Deluxe RSC Headlight  
5.0mm BIF Headlight Cable, 20-80mm Variable Module with Ratchet Style Crown Part Number: DRH-80B

5.0mm STR Headlight Cable, 20-80mm Variable Module with Ratchet Style Crown Part Number: DRH-80S



CUDA Deluxe CSC Headlight  
3.5mm BIF Headlight Cable, 20-110mm Variable Module with Clip Style Crown Part Number: DCH-110B

3.5mm STR Headlight Cable, 20-110mm Variable Module with Clip Style Crown Part Number: DCH-110S

CUDA Deluxe CSC Headlight  
5.0mm BIF Headlight Cable, 20-80mm Variable Module with Clip Style Crown Part Number: DCH-80B

5.0mm STR Headlight Cable, 20-80mm Variable Module with Clip Style Crown Part Number: DCH-80S



CUDA Sweatband  
3.5 STR Headlight Cable, 20-110mm Variable Module with Terry Sweatband Part Number: SOH-110S



CUDA Classic Headlight  
5.0mm STR Headlight Cable, 20-80mm Variable Module with Clip Style Crown Part Number: CCH-80S

## CUDA Headlight Replacement Cables

CUDA Deluxe RSC-CSC 3.5mm BIF Headlight Cable Part Number: SYC3500B  
 CUDA Deluxe RSC-CSC-Sweatband 3.5mm STR Headlight Cable Part Number: SYC3500S  
 CUDA Deluxe RSC-CSC 5.0mm BIF Headlight Cable Part Number: SYC0011B-4000  
 CUDA Deluxe RSC-CSC-Classic 5.0mm STR Headlight Cable Part Number: SYC0011-4000

### CUDA Lightsource Specifications

300W Xenon Specifications		180W Xenon Specifications	
Lamp Type	Cermax 300 Watt Xenon	Cermax 175 Xenon	
Lamp Power Rating	300 Watts	175 Watts	
Lamp Color Temperature	6,000K	6,000K	
Lamp Warranty	650 Hours Prorated	500 Hours Prorated	
Lamp Replacement	300W Cermax Lamp & Module - SYC0052 / 300W Cermax Lamp Only - SYC0051	175W Cermax Lamp & Module SYC0049 / 175W Cermax Lamp only SYC0048	
Front Panel Controls	On/Off Switch, Attenuator Control, Turret	On/Off Switch, Attenuator Control, Turret	
Input Voltage Range	100 – 120 VAC 50 /60Hz, 220–240VAC 50Hz	100 – 120 VAC 50/60Hz, 220–240 VAC 50Hz	
Power Consumption	450 Watts	250 Watts	
Regulatory	IEC60601-1, IEC 60601-1-2, UL60601, CSA C22.2 NO. 601.1-M90, CE	IEC 60601-1, IEC 60601-1-2, UL60601, CSA C22.2 NO. 601.1-M90, CE	
Operating Environment	10 to 40 Degrees C, 30 to 80% Relative Humidity Non-condensing	10 to 40 Degrees C, 30 to 80% Relative Humidity Non-condensing	
Dimensions	355mm (14") W 2 130mm (5") H 2 250mm (10") D	355mm (14") W 2 130mm (5") H 2 250mm (10") D	
Weight	6.0kg (13.2lbs.)	6.0kg (13.2lbs.)	
Rear Panel Display	Resettable Lamp Life Meter	Resettable Lamp Life Meter	
75W Metal Halide Specifications			
Lamp Type	Emarc Lamp		
Lamp Power Rating	75 Watt		
Lamp Color Temperature	7,200K		
Lamp Warranty	650 Hours		
Replacement Lamp	Emarc 75, SYC0075		
Front Panel Controls	Power On/Off Switch, Attenuator Control		
Input Voltage Range	100 – 240 VAC, 50 – 60 Hz		
Power Consumption	150 Watts		
Regulatory	UL 60601, IEC 60601-1, CSA C22.2 NO. 601.1-M90, CE		
Operating Environment	10 to 40 Degrees C, 0 to 95% Relative Humidity, Non-condensing		
Dimensions	226mm (8.9") W 2 96mm (3.8") H 2 229mm (9")		
Weight	2.5kg (5.3lbs.)		



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# Illumination Products



### Halogen Specifications

Lamp Type	150W EJA / 250W ELC
Lamp Power Rating	150 Watts or 250 Watts
Lamp Color Temperature	3200K
Lamp Life	50 hours
Replacement Lamp	Quartz Halogen, 150W EJA p/n SYC0029 or 250W ELC p/n SYC0028
Front Panel Controls	On/Off Switch, Attenuator Control, 4 Port Turret
Input Voltage Range	HLS-150, HLS-250 and MD-150T, 115-230 Volts, 50/60Hz / M-150 and MT-150, 120 volts
Regulatory	HLS-150, HLS-250, UL60601, IEC 60601-1, IEC 60601-1-2, CE, CSA / MD-150T, UL2601, CSA, CE M-150 and MT-150, UL544
Operating Environment	10 to 40 Degrees C, 30 to 80% Relative Humidity Non-condensing

Warranties:  
 - Lightsource Product(s) if industrial have a one (1) year warranty if medical has a (3) year warranty from the date of shipment on workmanship and all defects of material, excluding replaceable sweatbands and lamps. Should your product prove to have such defects within one (1) year for industrial and (3) years for medical of shipment, Sunoptic Technologies® will repair or replace the product or component part without charge.

- Fiberoptic Cables have a warranty of one (1) year against defects in material and workmanship.
- Sweatbands and Halogen Lamps have a warranty for a period of 15 days against defects in material and workmanship.
- Xenon Lamps have a prorated warranty of 650 hours.



LIT112

Manufactured by:



## CUDA Xenon Lightsources

Powerful Source of BRILLIANT Daylight Quality Light

### CUDA XLS-300W Xenon Lightsource



### CUDA XLS-180W Xenon Lightsource



## CUDA Metal Halide Lightsource

### MLS-075

Economical lightsource featuring a small profile, quiet operation and bright light output.



## CUDA ROVER Portable LED Lightsource



### LLS-3LB Rover 3W LED Lightsource

- Compact, portable source of brilliant "daylight" quality light.
- Connects directly to endoscope post via integral ACMI port.
- Ideal for ENT office and field applications.
- Color temperature: 5500°K.
- Typical lamp life: 100,000 hours.
- Uses two disposable 3V Lithium batteries (included); typical run time 90 minutes. Rechargeable batteries available.
- Push button on/off control.
- Integral ACMI port is standard.
- FDA Class I device; CE marked.
- Dimensions: 5" (12.7cm) long; 1.25" (3.2cm) OD.
- Weight: 3 oz. (100g) including batteries.

## CUDA Halogen Lightsources



### HLS-250

Brilliant, high intensity light with single 250W Quartz Halogen lamp. Available with single port or four port turret (ACMI, Wolf, Storz, Olympus, shown)



### HLS-150

Brilliant, high intensity light with single 150W Quartz Halogen lamp. Available with single port or four port turret (ACMI, Wolf, Storz, Olympus, shown)



### MD-150T

MD-150T 150 Watt - Domestic and International Halogen Lightsource, 150 Watt, Dual Active Lamp, Four Port Turret ACMI-Wolf-Olympus and Storz.



### M-150

M150 150 Watt - Domestic Halogen Lightsource, 150 Watt, Single ACMI port.



### MT-150

MT150 150 Watt - Domestic Halogen Lightsource, 150 Watt, Single Turret ACMI-Storz-Wolf-Olympus.