

ML-SERIES

LED Medical
Examination
Light



ML-01 With dimming and zooming functions
ML-02 Regular, no adjustment



Features :

- Provides an uniform and focus coverage with a single super bright LED.
- Variable aperture, different light intensity and CRI, serves different applications,

	ML-01	ML-02
Aperture from 0.5m distance	from Ø100mm to Ø250mm	Ø250mm
Dimming	10% - 100%	No
CRI	>90 close to natural light	>80

- Effective and efficient thermal management system makes it :
 - runs cool
 - longer product life cycle,
 - provides greater comfort and safety to the patient and physician
- Completely enclosed light head design makes it easy to clean.
- 540 degree light head rotation together with flexible gooseneck allows unlimited positioning.
- Extended life time, maximum energy efficiency and minimum maintenance.

Product Description

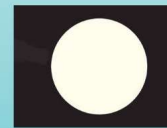
Color of Lamp	White
Light Source	1 x 10W LED
Color Rendering Index (CRI)	> 90
Color Temperature	3,000 K
Light Intensity	10,000 Lux / 0.5 m (+/- 10% tolerance)
Dimming	10 - 100%
Light Field	Ø100 mm to Ø250 mm at 0.5 m
Life Expectancy	up to 20,000 h (LED module)
Electrical Mains	100 - 240 V, 50 - 60 Hz
Total Weight	appr. 3.5 kg (net weight)
Certification	comply with IEC 60601-1 and IEC 60602-2-41

Ideal for use in

General Examination	Dermatology	Laboratory
Plastic Surgery	Outpatient Facilities	OB/GYN
Emergency Room	Veterinary	



Other Exam Lights



ML-01 & ML-02 Exam Lights
Large Spot



ML-01 & ML-02 Exam Lights
Small Spot



Ample Rich Creation Ltd

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PL-01

LED Professional Light



Features :

- Provides an uniform and focus coverage with a single super bright LED.
- Serves different applications, Ø250mm at 0.5m distance.
- Effective and efficient thermal management system makes it :
 - runs cool
 - longer product life cycle,
 - provides greater comfort and safety to the user(s)
- Completely enclosed light head design makes it easy to clean.
- Modular design and the LED with heat sink can be changeable.
- Easy light head rotation together with flexible gooseneck allows unlimited positioning.
- Extended life time, maximum energy efficiency and minimum maintenance.

Product Description

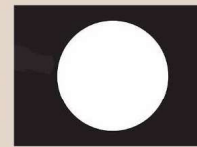
Color of Lamp	Grey
Light Source	1 x 10W LED
Color Rendering Index (CRI)	> 80
Color Temperature	4,000 K
Light Intensity	10,000 Lux / 0.5 m
Light Field	Ø250 mm at 0.5 m
Life Expectancy	up to 20,000 h (LED module)
Electrical Mains	100 - 240 V, 50 - 60 Hz
Total Weight	2.5 kg (net weight)

Ideal for use in

General Examination	Outpatient Facilities
Laboratory	Veterinary Clinic
Quality Assurance	Quality Control
Reading Light	Spot Light for Showcases



Other Exam Lights



PL-01 Exam Lights



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Enova XLT-125 Coaxial LED Surgical Headlight

LED LIGHTING AT THE
CUTTING EDGE SINCE 2005



"We prefer using Enova surgical headlamps over the existing fiber optic lights available in hospital operating rooms. In fact, we stopped using the fiber optic lights completely."
- Dr. Jeffrey B. Doss



Want at least 125,000 lux of pure white homogenous light? Try the XLT-125.

The **XLT-125** is Enova's most popular headlight. It is Enova's first coaxial LED surgical headlight with adjustable aperture. You get 125,000+ lux of pure white homogenous light (6100 degrees Kelvin) for true tissue rendition and the best illumination for deep cavity surgery. Plus, Enova offers a set of Color Temperature Filters for customized illumination.

The **XLT-125** has an adjustable aperture ranging from 2" to 5" (5.08cm to 12.7cm) in diameter to give you the exact spot size needed to perform your best. Plus, the Enova **XLT-125** can be adjusted to your individual height and angle of view requirements while the coaxial design aligns your illumination on the same plane as your vision and is easy to use with or without loupes. Its light weight—only 7 ounces/198gm—together with its fully adjustable, padded headband makes this surgical LED headlight easy to wear for long periods of time.

Sole Agent



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Benefits

- Enhances your performance
- Illuminates the deepest surgical cavities
- True tissue rendition
- Consistently bright, no light degradation
- Lights working distance from 10" to 20"
- Provides complete mobility and freedom of movement
- Comfort during and after surgery, reduces eye fatigue, headlight headache
- Long lasting battery life reduces down time
- LED lamp lasts up to 50,000 hours
- Uses 90% less energy than traditional fiber optic options
- 50% cost savings over fiber optic options
- Perfectly balanced

NEW! PP2 and PP4 Digital Battery Packs

The PP2 contains two lithium-ion battery cells and is 24 percent smaller than Enova's B2X digital battery pack. The PP4 contains four lithium-ion battery cells and is 17 percent smaller than Enova's B4X. Both PP models easily fit into a surgical scrubs pocket.





First in LED Surgical Headlight Innovation and Service

Enova XLT-ENT XLT-85F PLT-60F

Coaxial LED Surgical Headlight

LED LIGHTING AT THE CUTTING EDGE SINCE 2005



Since 2005, Enova has specialized in making LED surgical headlamps designed by surgeons for surgical use. Enova LED headlamps are known for exceptional illumination, reliability, long battery life, and comfort. Made in the USA"



XLT-ENT



XLT-85F



PLT-60F

Light Source
Color Rendering Index (CRI)
Color Temperature
Aperture Adjustment
Light Intensity
Illumination Spot Size

Battery Life
Certification
Ideal for use in

XLT-ENT System

1 LED chip
70+
6,100K
Yes
40,000 Lux / 0.5 m (+/- 10% tolerance)
Adjustable illumination spot
1 cm - 5 cm measured at 36 cm

Up to 5 hrs
FDA Class 1
ENT surgeons

XLT-85F System

1 LED chip
70+
6,100K
No
85,000 Lux / 0.5 m (+/- 10% tolerance)
6 cm illumination spot measured
at 36 cm

Up to 5 hrs
FDA Class 1
Economical LED headlight for clinical
exams minor surgery and dental work

PLT-60F System

1 LED chip
90+
4,000K
No
60,000 Lux / 0.5 m (+/- 10% tolerance)
6 cm illumination spot measured at
36 cm

Up to 5 hrs
FDA Class 1
As XLT-85F and true tissue color
rendition and decreased eye fatigue

PP2 Digital Battery Pack

The PP2 contains two lithium-ion battery cells and is 24 percent smaller than Enova's B2X digital battery pack. PP2 model easily fit into a surgical scrubs pocket.



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XLT-150A

Cordless Surgical Headlight – Enova’s Most Advanced LED Surgical Headlight

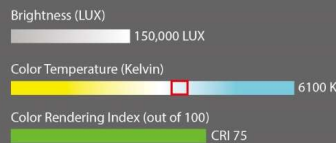


DYNAMIC DIAMETER

The illumination spot of XLT-150A can be adjusted from 2” to 5+” (5cm to 15cm) to give you the exact spot size needed. Plus, the pivot bracket of the Enova XLT-150A headlamp provides unlimited adjustability to accommodate your individual height and angle of view requirements. Coaxial alignment (aligning illumination to the same plane as your vision) is a breeze with the XLT-150A, with or without loupes.



REFRACTIVE LED



RECHARGABLE LITHIUM-ION



- Light Source:** LED refractive technology
- Lamp Illumination:** 150,000+ lux
- Color Temperature:** 6100° Kelvin
- Illumination Spot Size:** adjustable from 2” to 5” (5.08cm to 12.7cm)
- Headlight Construction:** all aluminum
- Headlight Weight:** 6oz/170gm
- Headband Construction:** rigid plastic with double removable foam pads
- LED Warranty:** 5 years
- Battery:** rechargeable lithium-ion (charger included)
- Battery Life:** 10 to 24 hours with the PP4 (4-cell) battery; 5 to 10 hours with PP2 (2-cell battery)
- Battery Pack Dimensions:** PP4 is 3 X 4 X 1” (7.9 X 10.2 X 2.5 cm); PP2 is 2.25 X 4 X 1” (5.7 X 10.2 X 2.5 cm).
- Battery Pack Weight:** PP4 is 9 oz/255gm; PP2 is 7 oz/198gm
- Battery Warranty:** 1 year



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Splinting and the Slim Line Heater System

Caerus produces thermoformable splints in a variety of shapes and sizes that can be formed and fitted in 20 minutes with no mess. We have designed a light-weight and flexible heating system that can bring splints up to a malleable temperature in less than fifteen minutes. The splints are then immediately formed to the injured extremity and harden within five minutes. The Slim Line Heater can be used indefinitely to quickly form a splint in emergency situations, and its low profile design won't fill up the operating room.

Custom Bracing

Caerus Corp is confident we have the capability to make a suitable brace or prosthetic for any condition for **HUMAN** and **ANIMAL**.



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changing the way patients manage pain.



One Active System. Two OrthoPods.

The OrthoCor Active System is indicated for adjunctive use in the palliative treatment of post-operative pain and edema in superficial soft tissue. The Active System temporarily relieves minor muscle and joint aches and pain associated with overexertion, strains, sprains, and arthritis.

Features & Benefits:

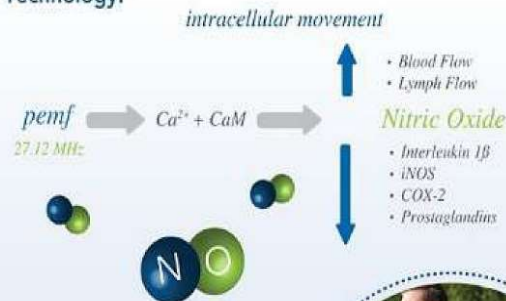
- non-invasive wearable therapy
- significant reduction in pain
- clinically-proven to speed up post-op recovery
- a treatment with no-side effects
- contributes to the reduction in opioid dependency
- drug-free pain relief



Conditions treated:

- post-operative pain
- swelling
- chronic pain

Technology:



FDA-Cleared — *Made in USA

Clinically Proven Results

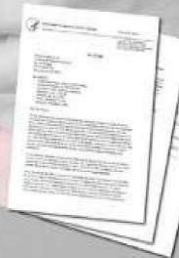
- ✓ 60% reduction in multiple pain sites¹
- ✓ 55% reduction in pain medication use²
- ✓ 7x faster reduction in acute injury induced edema (swelling)³

Rx Only

Federal law restricts this device to sale only or on the order of a health care practitioner.
#items: 0008: 415 7752,0002 415 8704,01 82 415 8367,01 82

CLINICAL STUDIES

- 1) A. Nelson, B. Zengalis, A.A. Pilla. "Non-invasive electromagnetic field therapy produces rapid and substantial pain reduction in early knee osteoarthritis: a randomized, double-blind pilot study." *Rheumatology International*, March 2012.
- 2) Pivade. "Effects of Pulsed Electromagnetic Fields on Interleukin-1 and Prostaglandin Production: A Double-Blind Placebo-Controlled, Randomized Trial in Blunt Trauma Patients." *Am Soc of Phys Surg*, vol. 121, pp. 1620-1624, 2010.
- 3) A.A. Pilla. "State of the Art in Electromagnetic Therapeutic Soft Tissue Applications." *Electricity and Magnetism in Biology and Medicine, F. Filippini, ed., Plenum, NY, 1999*, pp. 371-378.



Link to clinical information:



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