



# LEMAR<sup>®</sup> LX50 Searchlight

## Technical perfection swathed in elegant bodywork

Every detail of the new LEMAR<sup>®</sup> LX50 Searchlight was carefully composed to create a combination of perfection and functionality. This very light-weight searchlight (1,7 kg without a handle) was designed to be used during special operations. With the run time up to 110 min it can serve for example for police round up, special forces intervention and the like.

### LX50 Basic parameters:

Light source power: 35 W or 50 W  
Luminous flux: 3200 lumen (35 W) or 5300 lumen (50 W)  
Lamp life: 2500 hours  
Color temperature: 4250 °K  
Power: 12V DC  
Water resistance: 50 m  
Maximum lighting distance: over 3000 m  
Effective lighting distance: 1000 m (50 W), 800 m (35 W)  
Battery: rechargeable lithium ion battery, lifecycles 1000  
Continuous run time: cca 110 min (35 W), cca 70 min (50 W)  
Charge time: 180 min (in 20°C)  
Working temperature: -20°C [-4°F] up to +60°C [+140°F]  
Max. working temp.: +120°C [+248°F] (cca 1 min)  
Bezel diameter: 99 mm  
Body diameter: 66 mm  
Length: 316 mm  
Weight without a handle: 1700 g [3,7 lb]  
Weight with a handle: 1940 g [4,3 lb]  
Surface treatment: Hard anodising: MIL-A-8625

### Accessories

Charger: AC 110-220V/50-60 Hz  
Waterproof bag

### Optional accessories

Tripod + mounting arrangement, tripod bag  
Case: MIL-C-4150-J (PELI Case 1450)  
IR Filter – Cut off 850nm  
Yellow (fog) filter  
Blacklight filter  
Soft len



# LEMAX<sup>®</sup> LX Compact MIL Searchlight

## LX Compact MIL Basic parameters

Light source power: 35 W  
Luminous flux: 3200 lumen  
Lamp life: 1500 hours  
Color temperature: 4250 °K  
Power: 12V DC  
Water resistance: 10 m  
Maximum lighting distance: over 3000 m  
Effective lighting distance: 1000 m  
Battery: rechargeable lithium ion battery, lifecycles 1000  
Continuous run time: 70 min  
Charge time: 100 min  
Working temperature: -20°C [-4°F] up to +60°C [+140°F]  
Max. working temp.: +120°C [+248°F] (cca 1 min)  
Max. diameter: 121 mm  
Length: 269 mm  
Weight: 2,5 kg [5,5 lb]  
Environment-resistant connector: MIL-C-5015  
Surface treatment: Hard anodising: MIL-A-8625

## Optional accessories:

Charger: AC 110-220V/50-60 Hz  
Tripod + mounting arrangement, tripod bag  
Case: MIL-C-4150-J (PELI Case 1500)  
Waterproof bag  
IR Filter – Cut off 850nm  
Yellow (fog) filter  
Blacklight filter  
Soft lens



## **LEMAX<sup>®</sup> LXS MIL Con Searchlight**

### **LXS MIL Con Basic parameters**

Light source power: 35 W  
Luminous flux: 3200 lumen  
Lamp life: 1500 hours  
Color temperature: 4250 °K  
Power: 12V DC  
Water resistance: 10 m  
Maximum lighting distance: over 3000 m  
Effective lighting distance: 1000 m  
Battery: rechargeable lithium ion battery, lifecycles 1000  
Continuous run time: 180 min  
Charge time: cca 140 min (in 20°C)  
Working temperature: -20°C [-4°F] up to +60°C [+140°F]  
Max. working temp.: +120°C [+248°F] (cca 1 min)  
Max. diameter: 121 mm  
Length: 368 mm  
Weight: 3,4 kg [7,5 lb]  
Environment-resistant connector: MIL-C-5015  
Surface treatment: Hard anodising: MIL-A-8625

### **Optional accessories**

Charger: AC 110-220V/50-60 Hz  
Intelligent (EX) charger: AC 110-220V/ DC 12 - 24 V  
Tripod + mounting arrangement, tripod bag  
Case: MIL-C-4150-J (PELI Case 1520)  
Waterproof bag  
IR Filter – Cut off 850nm  
Yellow (fog) filter  
Blacklight filter  
Diverging lens



## LEMAX<sup>®</sup> LX25 Searchlight

LEMAX<sup>®</sup> LX25 HID handheld searchlights are widely used by professionals in need of lighting targets over long distance. Designed for law enforcement, search & rescue, border patrol and military operations, these HID Personal searchlights are lightweight and portable and are ideal for home, security lighting, hunters, campers, and boating.

The intense beam of 1500 lumens is good for self defense as well as personal security. The rechargeable lithium ion battery reduces costs associated with replacing batteries and makes run times of 2 hours possible. The savings in replacement batteries alone pay for the light, and are better for our environment.

### LX25 Basic parameters

Light source power: 25 W

Luminous flux: 1500 lumen +/- 100 lumen

Lamp life: 1000 hours

Color temperature: 6000 °K +/- 500 °K

Environmental test: IPX6 (dust & shower proof)

Projection distance: 1000 m

Battery: rechargeable lithium ion battery, 4000 mAh, lifecycles 500

Charge time: approx 4,5 hrs

Charging temperature: 0°C [+32°F] up to +40°C [+104°F]

Continuous run time: 120 min +/- 10 min

Operating temperature: -20°C [-4°F] up to +50°C [+122°F]

Surface treatment: anodized

Bezel diameter: 80 mm

Body diameter: 47 mm

Length: 357 mm

Weight: approx 950 g [2.09 lb]

### Light kit includes:

LX25 searchlight, charger (AC 110-220V/50-60 Hz), car plug charger (DC 12/24V), strap, hard case

### Optional accessories:

Filters – Amber, Diffuser, Red, Green, Blue, IR (850nm, 950nm)

Front cover (rubber), end cap (rubber)

Charger stand



## LEMAX<sup>®</sup> LX1 Flashlight

LEMAX<sup>®</sup> LX1 flashlight is a versatile flashlight capable of numerous tasks, including law enforcement, inspection, recreational activities, bicycle headlight, or emergency back up for your automobile, home, cottage etc. The powerful 120 lumen beam projects up to 50 meters and fits in the palm of your hand. Utilizing rechargeable lithium ion battery, the savings alone in replacement batteries will more than pay for the light. Hard anodized, the LX1 will withstand the harshest environments.

### LX1 Basic parameters:

Power Source: 3 Watt LED CREE Q3

Lumens: 120

Projection Distance: 50 m

Reflector: Orange peel reflector

Color Temperature: 6000K

Battery: CR123, rechargeable Lithium Ion CR123

Run time: 90 min

Length: 85 mm

Body diameter: 20 mm

Weight: 42 g without battery

Rear tactical switch: On / Off

Water-resistant

Light body: Aircraft grade aluminium, type II hard anodized, black

### Light kit includes:

LX1 flashlight, holster, strap

### Optional accessories:

CR123 battery or CR123 rechargeable battery

Charger for CR123 batteries

Clip





## LEMAX<sup>®</sup> LX2 II Flashlight

LEMAX<sup>®</sup> LX2 II flashlight is a versatile flashlight capable of numerous tasks, including law enforcement, inspection, recreational activities, bicycle headlight, or emergency back up for your automobile, home, cottage etc. The powerful 200 lumen beam projects up to 100meters and fits in the palm of your hand. Utilizing rechargeable lithium ion battery, the savings alone in replacement batteries will more than pay for the light. The flashlight also accepts 2 pcs of CR123's for times when charging is not an option, or long storage is required. Hard anodized, the LX2 II will withstand the harshest environments.

### LX2 II Basic parameters:

Power Source: 3 Watt LED CREE Q5

Lumens: 200

Projection Distance: 100 m

Beam Convergence: 12 deg fixed beam

Reflector: smooth polished aluminum reflector

Color Temperature: 6000K

Battery: rechargeable Lithium Ion 3.7V, 2200mAh, circuit protected

Also accepts standard CR123 primary batteries

Run time (Hi mode): 2 hrs with rechargeable battery with fading up to 3 hours

1 hrs with CR123 batteries

Time to full recharge: 6 hrs (no memory accepts partial charge)

Bezel diameter: 32 mm

Body diameter: 26 mm

Length: 140 mm

Weight: 124 g without battery, 172g with the rechargeable battery

Rear tactical switch: Hi / Low / Off

Water-resistant

Light body: Aircraft grade aluminium, type II hard anodized, black

Charger: Smart 100-240V AC / 12-24V DC w/cutoff circuit



### Light kit includes:

LX2 II flashlight, one LX2 battery (2200mAh rechargeable battery), one AC/DC charger (100-240V / 12-24V DC), car plug, cordura holster, strap, packaged in attractive display box.

### Optional accessories:

Pressure switch, mounting







## LEMAR<sup>®</sup> LX9 Flashlight

LEMAR<sup>®</sup> LX9 is the most powerful LED flashlight in the market with only one LED. Lumen is rated at 900 which is equal to 15W HID flashlight. The design criteria of LEMAR<sup>®</sup> LX9 was based on the needs of law enforcement, border patrol, fire departments, marine/coast guard, and other public and private security organizations. However, LX9 is ideal for camping, hunting, boating, and can be seen for miles if assistance is needed. Utilizing rechargeable lithium ion battery, the savings alone in replacement batteries will more than pay for the light. Hard anodized, the LX9 will withstand the harshest environments.

### LX9 Basic parameters

Power Source: SST-50 Luminus LED

LED life: 60 000 hours

Lumens: 900

Projection Distance: 500 m

Reflector: smooth polished aluminum reflector

Battery: 2pcs of LX2 battery (rechargeable Lithium Ion 3.7V, 2200mAh, circuit protected)

Also accepts 4pcs of standard CR123 primary batteries

Run time (Hi mode): 140 min with 2pcs of rechargeable LX2 battery

80 min with 4pcs of CR123 batteries

Time to full recharge: 6 hrs (no memory accepts partial charge)

Length: 244 mm

Bezel diameter: 57 mm

Body diameter: 25,4 mm

Weight: 289 g without battery, 385 g with 2pcs of LX2 rechargeable battery

Rear tactical switch: Hi / Lo / Strobo / Off

Water-resistant

Light body: T7075 aluminium, type III hard anodized, black

### Light kit includes:

LX9 flashlight only

### Optional accessories:

LX2 battery (rechargeable Lithium Ion 3.7V, 2200mAh, circuit protected) + charger (smart 120-240V AC / 12-24V DC - cutoff circuit, car plug)

Cordura holster





## LEMALX<sup>®</sup> LX200 Flashlight

is a versatile flashlight capable of numerous tasks, including law enforcement, inspection, recreational activities or emergency back up for your car, home, cottage etc. The powerful 200 lumen beam projects up to 100 meters and fits in the palm of your hand. Utilizing rechargeable lithium ion batteries (optional), the savings alone in replacement batteries will be more than pay for the light.

### LEMALX<sup>®</sup> LX200 as a backup light for divers

LX200 flashlight has been designed to be used as a backup for primary technical diving canister light - these flashlights must be ultra reliable and have a tight focus for as much punch as possible with their light output. Used for this purpose, the backup light should never be loaded with rechargeable batteries because rechargeables are not as reliable and have an unpredictable discharge curve. LX200 accepts 3 pcs of LR14 for times when the 100% reliability is needed and charging is not an option (while used as a diving backup light). The DERLIN body of LX200 withstands the harshest environments.

### Main features

- \* Powerful 3 Watt LED
- \* Body material - DERLIN (Polyoxymethylene is an engineering thermoplastic used in precision parts that require high stiffness, low friction and excellent dimensional stability. Chemically resistant and has very low water absorption.
- \* Body - machined from solid piece of material
- \* Highly impact resistant body
- \* LED bulb lifetime 30,000 hours continuous use
- \* Rechargeable upgrade kit - (available 8/2010)

### Optional accessory

Rechargeable batteries (Lithium Ion 3.7V, 2200mAh, circuit protected) + charger (Smart 100-240V AC, 12-24V DC, w/cut off circuit). Available in 8/2010

### Basic parameters

Power Source: 3 Watt LED CREE Q5  
Lumens: 200 and Projection Distance: 100 m  
Beam Convergence: 12 deg fixed beam  
Reflector: smooth polished aluminum reflector Color Temperature: 6000K  
Battery: 3x LR14 (standard for dive backup lamps)  
Run time: Up to 8 hrs with LR14 (Hi mode)  
Length: 210 mm, Diameter: 50mm  
Weight: 230g without battery  
432g with LR14 batteries and Front rotary switch: Hi/Off, Low/Off  
Light body: DERLIN – black and Water-resistant: 200m





## LEMAR<sup>®</sup> HID Xenon Utility / Work Lights

Our HID Xenon utility / work lights are 35 or 50 W output, have third generation D1S bulbs with proven high efficiency ballast, 12 or 24 VDC. They operate at less than half the power draw of a standard 100 Watt halogen lamp, yet the light intensity is up to five times brighter with 3200 Lumens - 35 Watt or 5300 Lumens - 50 Watt.

**The HID Xenon utility / work lights are compact with the high efficiency ballast built in (except LX-36-H2).** They are highly mobile and can be mounted in various ways. This and the low power consumption make them the choice for outdoor applications.

Since HID bulbs produce less than half of the heat of halogen lights they prove invaluable for any kind of application where the brightest light is needed.

### Suggested applications:



#### Aviation & Aerospace

- aircraft construction
- aircraft maintenance
- aircraft inspection

helicopter search & rescue

#### Other applications

- ground search and rescue
- police and security
- agriculture
- shop and work illumination
- mining & tunneling
- road construction & paving
- construction
- outdoor emergency light
- caving
- snow grooming (snow cat)

## LEMAR<sup>®</sup> LX-A1PF

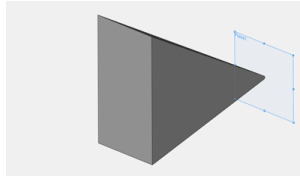
### Extreme Environment Work light

mobile flood light

integrated ballast

D1S bulb, 35 or 50 Watt and 12 or 24 VDC

exceeds IP67 and flood, beam 45° x 45°



## LEMAR<sup>®</sup> LX-A1PWS

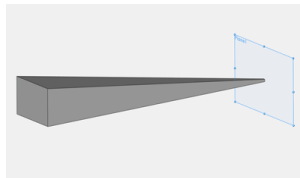
### Extreme Environment Work light

mobile spot light

integrated ballast

D1S bulb, 35 or 50 Watt and 12 or 24 VDC

exceeds IP67 and the wide spot, beam 16° x 8° oval



## LEMAR<sup>®</sup> LX-36-H1

**This lamp is completely self contained based on the LXA-36 landing or taxi light with integrated super thin ballast.**

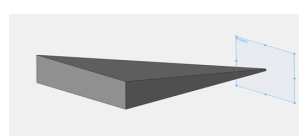
D1S bulb, integrated ballast, 35 or 50 Watt output

12/14 VDC or 24/28 VDC input

exceeds IP67 - two axes adjustable - anodized Al housing

specify: landing LX-36-H1-SL

or taxi LX-36-H1-ST



beam angle:

9° x 9°

55° x 10°

## LEMAR<sup>®</sup> LX-36-H2

Light for external applications like mounted on landing gear struts, for any rugged external vehicle like utility trucks, off-road, heavy equipment. based on the LXA-36 landing or taxi light.

4 or 6 foot pre-assembled cable

D1S bulb, ballast, 35 or 50 W output

12/14 VDC or 24/28 VDC input

exceeds IP67

two axes adjustable

housing - rear part: impact resistant (made from PPS - polyphenylene sulfide)

- front part: anodized Al housing



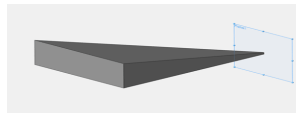
specify: landing LX-36-H2-SL

or taxi LX-36-H2-ST



beam angle: 9° x 9°

55° x 10°



## LEMAR<sup>®</sup> LXA-23

Lamp fixture, rectangular, only 5,7cm (2.25") high

1; 2; 4 or 6 foot pre-assembled cable

D1S bulb, 35 or 50 Watt

12/14 VDC or 24/28 VDC input

exceeds IP67 - wide spot, beam 20° x 8° oval



# LEMAR<sup>®</sup> LXW5 Weapon Light

Heavy duty - all metal designed, alu-alloy hard-anodised with a Mil-Spec Type III finish, the LEMAR<sup>®</sup> LXW5 weapon light fulfils perfectly the conditions defined by army gunmen, being designed according to their requirements. The LXW5 has particularly outstanding qualities by utilisation the IR filter.

**LXW5 meets the demands of MIL-STD-810!**

## LXW5 Basic parameters

Light source power: 35 W  
Luminous flux: 3200 lumen  
Lamp life: 1500 hours  
Color temperature: 4250 °K  
Power supply: 24V DC (12V DC optional)  
Water resistance: 10 m (the connector closed by the cap)  
Maximum light distance: over 3000 m  
Effective lighting distance: 1000 m  
Effective lighting distance with IR filter: 1500 m  
Working temperature: -30°C [-22°F] up to +75°C [+167°F]  
Maximum working temperature: +120°C [+248°F] (cca 1min)  
Environment-resistant connector: MIL-C-5015  
Surface treatment: Hard anodizing - MIL-A-8625  
IR filter cut off: 850 nm  
Weight: 2.3 kg [5.1 lb]  
Length: 184 mm  
Height: 187 mm  
Diameter: 141 mm  
Cabel length: 2 m  
Glass: hardened glass 8 mm



## Accessories:

Power cable  
Reinforced cloth cover  
Waterproof bag

## Optional accessories:

Gun mounting: BT (Brugger & Thomet) No. BT211135 or BT211141  
External battery (Power according to the customers demands)  
Case: MIL-C-4150-J (PELI Case 1520)