

BY PROFESSIONALS FOR PROFESSIONALS



**LIGHT**  
IS **SAFETY**

LIGHT IS LEMAX  
**LX50II**  
SEARCHLIGHT

THE MOST POWERFUL  
SEARCHLIGHTS, FLASHLIGHTS AND  
WEAPON LIGHTS

**LEMAX®**

## LEMAX® LX50 II searchlight supports advanced functions

- 35 W mode lock
- 50 W mode lock
- external power source support with searchlight ON / OFF switch enabled
- external power source support with searchlight ON / OFF switch disabled - full remote control

Light source	xenon bulb
Power output	35 W / 50 W
Luminous flux	3200 lumen (35 W)
Luminous flux	5300 lumen (50 W)
Light temperature	4250° K
Lamp life	2500 hours
Lighting distance*	1100m (35W) according to ANSI / NEMA FL-1
Lighting distance*	1450m (50W) according to ANSI / NEMA FL-1
Max. lighting distance	over 3000 m
Battery	rechargeable Li-Ion battery
Battery life	1000 cycles
Continuous runtime	~200+ min (35 W)
Continuous runtime	~140+ min (50 W)
Charge time	~350 min (at 20° C)
Working temperature	-20° C to +60° C
Body length	318 mm
Head diameter	99 mm
Body diameter	66 mm
Weight with a handle	2,1 kg
Water resistance	50 m
Searchlight body	aluminium alloy 6082
Surface treatment	hard anodising (MIL-A-8625) matt black
Glass	hardened, scratch and temperature shock resistant

\*ANSI / NEMA FL-1 2009 standard for flashlight testing



## DualLight power mode (DPM)

switchable 35 W and 50 W

### Wide range of accessories

LEMAX® searchlights are supplied with a wide range of accessories. Special accessories are also developed exactly according to customer requirements if possible (for example, special mounts used for attachment to vehicles, helicopters and armoured vehicles, special charging equipment, tripods, straps, etc.).

LEMAX® searchlights represent a combination of extreme power and beautiful design without any compromises. Precise machining and manufacture, modern components and high-quality materials, and the most up-to-date knowledge available in this field enabled us to create highly resistant and durable searchlights for everyday or professional use. Our searchlights comply with the high requirements of the relevant European standards including mechanical, impact as well as protection requirements (resistance against penetration by foreign objects or liquids).

The light cone of LEMAX HID searchlight has been designed so you do not need to perform additional adjustments and it covers an area which best suits the human eye. Various filters enable you to increase the permeability through fog or smoke and to increase the efficiency and use of the searchlight during low and poor visibility conditions. The optimum distance at which you can use our searchlights ranges from 5 m up to 800 m or up to 1500 m (based on the type of searchlight and power mode).

LEMAX searchlights have been designed without any compromises and limits and are used successfully by various professionals who can utilize and appreciate their unique properties.

### The extremely powerful LEMAX® LX50 II

searchlight with an amazing luminous flux of up to 5300 lumens was designed to be used under extreme and harsh environmental conditions. With a maximum beam distance 1450 meters according to US standard ANSI/NEMA FL1 and a runtime over 200 minutes, LEMAX® LX50 II belongs among the most powerful handheld searchlights in the world. Its low weight and high power output enables the searchlight to be used in extreme conditions. It will satisfy the most demanding needs for many applications by military personnel, police, security agencies, firefighters, mining & tunneling & caving, SAR teams, divers and quality HID lighting product enthusiasts.

Batteries for the LX50 II provide sufficient power output even at low temperatures (-20° C), do not suffer from the memory effect and are optimized for everyday charging. If needed, batteries may be quickly replaced with new ones. An assortment of various filters further expands the usability of this searchlight, enabling you to use it in fog, rain or in dusty environments.

A scattering filter enables you to scatter the very sharp beam of light evenly and illuminate the surrounding area. The searchlight is equipped with ergonomic plastic handle with 2 standard screw-threads for mounting on a tripod and also can be equipped with a carrying and mounting strap so you can fasten the searchlight for example to a helicopter board. The perfected design of the precisely electroformed reflector and the body of the searchlight eliminates overheating and therefore the searchlight has no restrictions or limitations if used continuously.



Searchlights are widely used by police units, military, during rescue missions (e.g. during floods, earthquakes, landslides, etc.), by various security personnel (airport security, ports, military bases, mining establishments, warehouses, tall buildings, and important stations), national park rangers, enthusiasts, etc.

**LEMAX®**

LEMAX s.r.o.  
Pulkrhova 158/1 / Prague 6 / 16000 / CZECH REPUBLIC  
Phone / +420 777 245754 / email.: info@lemax.cz



LIGHT IS LEMAX  
**LX50II**  
SEARCHLIGHT

THE MOST POWERFUL  
SEARCHLIGHTS, FLASHLIGHTS AND  
WEAPON LIGHTS