

# LX70 Searchlight

## LX70 Searchlight

### DualLight power mode (DPM) switchable 35 W and 50 W

Light source	Xenon bulb
Power output	50 W / 70 W
Luminous flux	5300 lumen (50 W)
Luminous flux	7500 lumen (70 W)
Light temperature	4250° K
Lamp life	1000 hours
Lighting distance*	1900m (50W) according to ANSI / NEMA FL-1
Lighting distance*	2250m (70W) according to ANSI / NEMA FL-1
Max. lighting distance	over 3000 m
Battery	rechargeable Li-Ion battery
Battery life	1000 cycles
Continuous runtime	~140+ min (50 W)
Continuous runtime	~100+ min (70 W)
Charge time	~350 min (at 20° C)
Working temperature	-20° C to +60° C
Body length	318 mm
Head diameter	117 mm
Body diameter	66 mm
Weight with a handle	2,2 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*

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### The extremely powerful LX70

Searchlight with an amazing luminous flux of up to 7500 lumens was designed to be used under extreme and harsh environmental conditions. With a maximum beam distance 2250 meters according to US standard ANSI/NEMA FL and a runtime over 140 minutes, LX70 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 LX70 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.

LX70 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).

### Lamp reflector



The outstanding reflector performance has been accomplished by using electroforming technology and high reflectance in the visible spectrum through a special Al coating and protection layer. The reflector surface is without visible distortions, resulting in exceptional beam geometry and efficiency.



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.



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