

Nightscanner Lighting: Illuminate Your Mission

The Aeronautical Accessories brand features several Nightscanner® lighting options available for a variety of helicopter makes and models.



NIGHTSCANNER®

The Nightscanner® is a powerful, controllable light. It serves as low-cost, lightweight searchlights and is available in white light or infrared modes. The Nightscanner is controlled with collective mounted switches, allowing the pilot to maneuver the light easily while flying the aircraft. In addition to forward and aft movement, the Nightscanner can be rotated 360 degrees and stowed automatically from any position. The Nightscanner is engineered for ease of installation.

HID™ NIGHTSCANNER®

The HID™ Nightscanner® lights offer all you can ask for in a light. They are up to 25% brighter, the bulbs last 40–80 times longer and are powered at a fraction of the normal amps required for traditional lighting accessories. The new HID lights are compact in size. The HID Nightscanner is available as a new kit or can be used as direct replacements for the current Nightscanner lighting unit.

HID™ NIGHTSCANNER® PLUS

The HID™ Nightscanner® Plus offers the added benefit of even more brightness. At 700K Candlepower, it is 40% brighter than the HID Nightscanner with a bulb lamp life of 1000 hours. While remaining compact in size, the HID Nightscanner Plus is also available as a new lighting kit or can be used as a direct replacement for the Nightscanner light.

SUPER™ NIGHTSCANNER®

The Super™ Nightscanner® offers an impressive 800K of Candlepower at 600 watts and provides a beam width of greater than or equal to 13x14 feet. With a lamp life of 25 hours, the bulb requires 28 amps. The light can be maneuvered forward or aft during flight or rotated 360 degrees. It can be automatically stowed from any position.

LED SUPER™ NIGHTSCANNER®

LED Super™ Nightscanner® lighting units and replacement bulbs enable existing Super Nightscanner lights to be upgraded to LED. The new PAR64 LED Landing Light is a direct replacement for existing Q4559 and Q4559X quartz halogen lamps. The light meets or exceeds all FAA and MIL specifications and is fully qualified to RTCA DO160, MIL-STD-810, MIL-STD-461. The LED Super Nightscanner Landing Light has a rated service life in excess of 50,000 hours, and maintains over 600,000 candela output over its entire service life. In comparison, the output of the Q4559X incandescent bulb degrades rapidly over its entire service life, losing as much as 50% of its initial output after only 30 hours of a bulb's 100 hour-rated operating life.

NIGHTSCANNER COMPARISON CHART

The comparison chart below highlights the performance of candlepower, lamp life, amps and beam width for each of the five Nightscanner lighting products.

	Nightscanner®	HID™ Nightscanner®	HID™ Nightscanner® Plus	Super™ Nightscanner®	LED Super™ Nightscanner®
Candlepower	400K	500K	700K	800K	>600K
Lamp Life (hours)	25	2000	1000	25	50,000
Amps	18	4	4.5	28	2.8
Beam Width (degrees)	13x14	9x9	9x9	≥13x14	9x9