



LED SEARCHLIGHT BY HONEYWELL AEROSPACE

Offering more clarity than legacy halogen lighting, Honeywell's superior dual mode LED lighting is the smart choice for military operators.

LOWEST COST TO RETROFIT YOUR FLEET



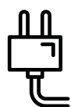
COST SAVINGS

LED Retrofit kit provides significant savings at less than half the cost of a new searchlight



DUAL MODE

Avail in Dual Mode (Visible and Infrared), Visible Only, or Infrared Only Configurations



PLUG & PLAY

Change out the lighting canopy and keep the actuator



RUGGEDIZED

Robust design with enhanced motor and gearbox mechanism



VISUAL ACUITY

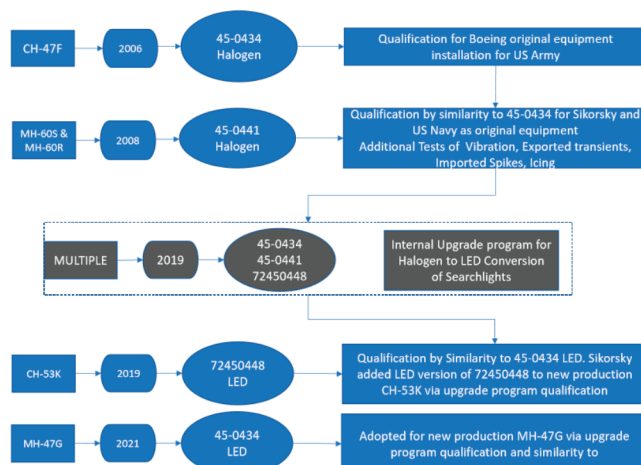
Supports increased pilot visual acuity



EASY INSTALL

Available in Immersion Rated, MILSTD-464 EMI hardened and qualified

RECENT SEARCHLIGHT DEVELOPMENT



45-0441/45-0434/72450448 bills of materials are 99% similar. Only significant differences are color and aircraft connector



OEM
PARTNER
EXCLUSIVE

Honeywell

EXCLUSIVE WORLDWIDE AUTHORIZED DISTRIBUTOR

HONEYWELL/GRIMES LED

P/N 45-0441-5-2

Cage Code 72914

SYSTEM CONFIGURATION

- Dual mode lighting with instant switching between visible and covert
- Superior LED lighting performance with uniform pattern in both modes
- Retrofit kit easily upgrades Halogen to LED
- Sealed for immersion
- Internal microprocessor allows for dimming of both modes

UPGRADE REPLACEMENT

Designed as an upgrade replacement for the US Navy Seahawk and SH60 derivatives.



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TECHNICAL SPECIFICATIONS

	HONEYWELL/GRIMES LED P/N: 45-0441-5-2	HONEYWELL BENEFITS
DIMENSIONS AND WEIGHT		
Size	Mil-L8117402B Compliant	Honeywell light was OE on the Black Hawk platform Form/Fit replacement with upgraded functionality
Weight	7.8 lbs	
Transmission	Sealed, immersion tested and rated	Honeywell gearbox is well-sealed to protect against salt, fog, moisture
POWER CONSUMPTION		
Operating Voltage	28VDC	
Visible	60 Watts	More clean light, established "inventor" of AC lighting
IR	40 Watts	Powerful IR light
Bulb Life	>10,000 Hours	
Motors (worst case)	30 Watts	More efficient motor and gearbox mechanism
LIGHT OUTPUT		
Visible	>200,000 cd, smooth pattern, great cut offs 12° +/- 2°	Honeywell visible light is very clean and consistent
Infrared	100W/sr or NRI 12° +/- 2°	
MAXIMUM AIRSPEED		
During Extension	155 knots	Motor/Gearbox/Assembly are robust, and can be retracted at higher speeds
When extended in a stationary position	250 knots	Motor/Gearbox/Assembly are robust, and can be retracted at higher speeds