HONEYWELL
LED SEARCHLIGHT

Honeywell's LED family of searchlights offers solutions for military and commercial helicopters worldwide.

Honeywell Aerospace is a worldwide leader in design, supply, and support of exterior aircraft lighting systems. Honeywell's unparalleled LED experience includes over 20 years of LED experience on exteriors of aircraft and over three billion flight hours. Honeywell has the experience and capability to design and deliver LED exterior lighting that meets real-world requirements through moisture protection, thermal management, power quality, optical design, and control.

BENEFITS

Improved pilot visibility at reduced lifecycle cost:

- Photometric Life of 25,000 Hrs. – 80x over Halogen
- Increased IR performance: 10x standard dual mode
- Reduced power: 200W to 40W IR 400W to 60W Visible
- LED output and color improves pilot visual acuity:
  Intensity:
  – 175,000 cd Visible / 100 NRI IR
  – Dimmable
  – 11° x 11° Beam Width
  – Uniform light pattern in visible and infrared.
- Weight neutral or decrease (variant dependent)
- Proven mechanical actuators

LOWEST COST TO RETROFIT YOUR FLEET

- LED Retrofit kit provides significant savings at less than half the cost of a new searchlight
- Plug and Play – change out the lighting canopy and keep the actuator
- Full LED assemblies available in Dual Mode (Visible and Infrared), Visible Only, or Infrared Only Configurations
- No aircraft wiring changes
- Available in Immersion Rated, MIL-STD-464 EMI hardened and qualified

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

PLUG & PLAY
Change out the lighting canopy and keep the actuator

DUAL MODE
Available in Dual Mode (Visible and Infrared), Visible Only, or Infrared Only Configurations

EASY INSTALLATION
No aircraft wiring changes

RUGGEDIZED
Available in Immersion Rate, MIL-STD-464 EMI hardened and qualified

CONFIGURATIONS

Harsh Environment - Immersion and MIL-STD-464 EMI Qualified Versions Available

IR Only High Intensity Replaces Halogen with Black Glass Filter – 250 NRI, 15° Circular Beam Spread

Visible Mode Only

PRODUCT FAMILY PART NUMBERS AND PLATFORMS

LED FULL ASSEMBLY P/N	LED RETROFIT KIT P/N	PRODUCT DESCRIPTION	CORRESPONDING LEGACY VERSION	PLATFORM(S)
45-0202-201	MK45-0202-001A	Single Mode Visible	45-0202-1	H-60
45-0241-201	MK45-0241-001A	Single Mode Infrared	45-0241-1	H-47, H-60
45-0241-205	N/A	Single Mode Infrared	45-0241-5	H-60
45-0241-207	N/A	Single Mode Infrared	45-0241-7	H-60
45-0241-211	MK45-0202-001A	Single Mode Infrared	45-0241-11	H-60
45-0253-213	MK45-0253-016A	Dual Mode	45-0253-13	A129, BK-117, BO-115, EC-135, H-1, H-53
45-0253-219	MK45-0253-016B	Dual Mode	45-0253-19	A129, BK-117, BO-115, EC-135, H-1, H-53
45-0253-223	MK45-0253-016C	Dual Mode	45-0253-23	A129, BK-117, BO-115, EC-135, H-1, H-53
45-0253-227	MK45-0253-016D	Dual Mode	45-0253-27	A129, BK-117, BO-115, EC-135, H-1, H-53
45-0253-235	N/A	Dual Mode	45-0253-35	MK-41
45-0339-205	MK45-0339-002A	Single Mode Visible	45-0339-5	A109, H-3
45-0339-207	MK45-0339-002B	Single Mode Visible	45-0339-7	A109, H-3
45-0339-209	MK45-0339-002C	Single Mode Visible	45-0339-9	A109, H-3
45-0339-211	MK45-0339-002D	Single Mode Visible	45-0339-11	A109, H-3
45-0339-213	MK45-0339-002E	Single Mode Visible	45-0339-13	A109, H-3
45-0339-215	MK45-0339-002F	Single Mode Visible	45-0339-15	A109, H-3
45-0339-301	MK45-0339-002G	Single Mode Visible	45-0339-101	A109, H-3
45-0339-304	MK45-0339-002H	Single Mode Visible	45-0339-104	A109, H-3
45-0339-305	MK45-0339-002J	Single Mode Visible	45-0339-105	A109, H-3
45-0353-201	MK45-0353-002A	Dual Mode	45-0353-1	B206, BK-117, BO-115, EC-135, H-1, H-3, H-47, H-53, H-60
45-0353-203	MK45-0353-002B	Dual Mode	45-0353-3	B206, BK-117, BO-115, EC-135, H-1, H-3, H-47, H-53, H-60
45-0434-4-2	MK45-0434-001A	Dual Mode, Dimmable USL	45-0434-2-2	H-47, H-60
45-0434-5-2	MK45-0434-001B	Dual, Non-Dimmable USL	45-0434-3-2	H-47, H-60
45-0441-5-2	MK45-0441-001A	Dual, Non-Dimmable USL	45-0441-2-2	H-60
45-0441-6-2	MK45-0441-001B	Dual, Non-Dimmable USL	45-0441-3-2	H-92
45-0441-7-2	MK45-0441-001C	Dual, Non-Dimmable USL	45-0441-4-2	MH-60S, MH-60R
72450448-4-2	MK72450448-001A	Dual Mode, Dimmable USL	72450448-3-2	CH-53K

**THE
FUTURE
IS
WHAT
WE
MAKE IT**

Honeywell