



# F15 PAR 46 LED & PAR 64 LED BY HONEYWELL

**F15 NLG LED IS CERTIFIED AND AVAILABLE TODAY  
WITH SIGNIFICANT RELIABILITY IMPROVEMENT**



PAR 46 (Top) and PAR 64 (Bottom) Halogen Lamp Life about 25 to 100 Hours

## PRODUCT BENEFITS AND SPECIFICATIONS

- Drop-in upgrade – Plug-N-Play
- Optical output  $\geq$  halogen
- Reduced maintenance cost:
- Halogen PAR 46 and PAR 64: 25-100 hrs. service life
- Honeywell LED PAR 46 and PAR 64
- Mean Time Between Failure = 50,000 flight hours
- Reduced input power (> 66% lower)
- Robust moisture protection (specialty coating)
- Built-in thermal management

## Honeywell

**EXCLUSIVE AUTHORIZED DISTRIBUTOR**

**PAR 46 LED AND PAR 64 LED**



## ABOUT HONEYWELL

Honeywell Aerospace products and services are found on virtually every commercial, defense and space aircraft in the world.

## ABOUT S3 AERODEFENSE

S3 AeroDefense provides aircraft spares distribution, repair and overhaul services, and program management solutions to military operators around the world.



## CONSPICUITY AND RELIABILITY

- Increased Aircraft Availability through improved reliability and increased light source life
- LED Lighting Predicted Mean-Time-Between-Failures (MTBF) of 61,000 to 100,000 hours
- LED light source provides a 20,000 hours lamp life, a 40x improvement over legacy technologies
- LED light source provides significantly greater survivability over legacy technologies
- Improved Mission Capability - NIVS compatibility & dimmable

## PROVEN FIELDLED LED PERFORMANCE

- 22+ years fielded to exterior Aerospace LED Lighting
- Over 3bb LED light hours fielded (Commercial and Military Worldwide)

## PLATFORM SPECIFIC PROVEN PERFORMANCE

- The same products installed on the same platform in the same environment with exceptional field reliability

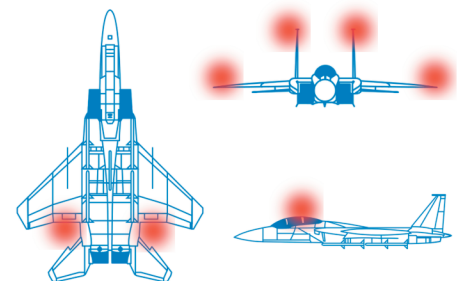
## ADDITIONAL FEATURES

- ~65% life cycle cost savings based on increased lamp life, reduced lamp replacement labor & materials and reduced power consumption
- Dual Mode operation (Visible and IR)

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**F-15 LED LIGHTING SHIP-SET**



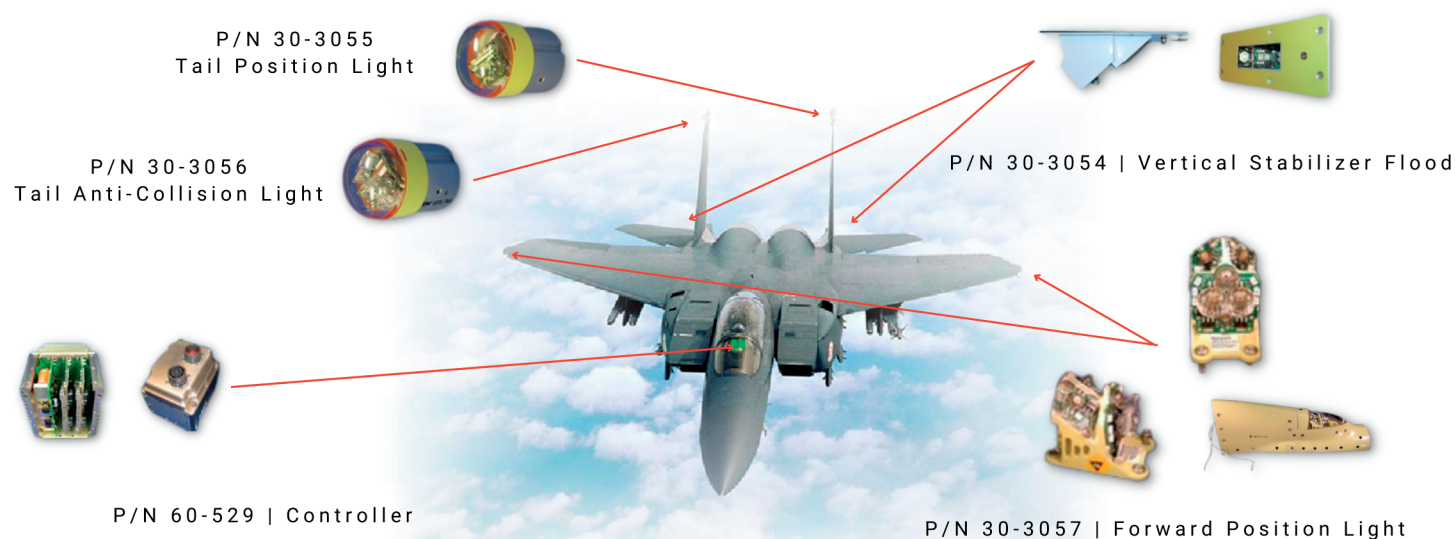
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## F15 LIGHTING SYSTEM CONFIGURATIONS

F15E CONFIGURATION				F15SG (LED CONFIGURATION)			
HONEYWELL P/N	DESCRIPTION	QPA	NSN	HONEYWELL P/N	DESCRIPTION	QPA	NSN
30-0764-5	LT WING POSITION LIGHT	1	6220-01-181-1153	30-3057-1	LT WING POSITION LIGHT	1	N/A
30-0764-6	RIGHT WING POSITION LT	1	6220-01-181-1154	30-3057-2	RIGHT WING POSITION LT	1	6220-01-569-0485
30-0774-3	TAIL POSITION LIGHT	1	6220-00-303-3579	30-3055-1	TAIL POSITION LIGHT	1	6220-01-576-0036
30-1501-1	TAIL ANTI-COLLISION	1	6220-00-298-9300	30-3056-1	TAIL ANTI-COLLISION	1	6220-01-568-9973
30-1829-1	LT VERT TAIL FLOODLIGHT	1	6220-01-232-9874	30-3054-1	LT VERT TAIL FLOODLIGHT	1	6220-01-576-0023
30-1829-2	RT VERT TAIL FLOODLIGHT	1	6220-01-231-4552	30-1829-2	RT VERT TAIL FLOODLIGHT	1	6220-01-231-4552
				60-5299-1	CONTROLLER	1	N/A