

# PAR 46/64 LED LIGHTING

Shaping the Future of Aerospace Lighting for more than 85 years

Honeywell Aerospace – a worldwide leader in the design, supply and support of exterior aircraft lighting systems – offers LED PAR 46 and 64 lighting to replace current halogen lamps. Single Mode is available for PAR 46. Single and Dual Mode are available for PAR 64.

## HONEYWELL LED LIGHTING LEADERSHIP

- Unparalleled experience: 20 years of LED experience on the exterior of aircraft with over 3 billion flight hours
- Capability to deliver on the promises of LED lighting without the common reliability issues found in many new LED products
- Honeywell LED products undergo rigorous testing to ensure they meet advertised performance
- Based on proven experience meeting performance, quality, reliability and on-time delivery commitments, Honeywell optimizes our LED applications in the areas of:
  - Optical design and control
  - Power management
  - Thermal management
  - Thermal Protection
  - Environmental protection

PAR 46 LED



PAR 64 LED



## PRODUCT BENEFITS

- Drop-in replacement for current halogen lamps
- Optical output same or better than halogen versions
- Significant reduction in life-cycle maintenance and cost:
  - HON LED life = 50,000 hours
  - Vs.
  - Halogen life = 10 to 100 hours
- Reduced input power (66% lower)
- Robust environmental protection
- Built-in thermal protection to sustain the minimum designed light output over the life of the LEDs

## DROP-IN

Replacement for current halogen lamps

**50,000 hrs.**

Photometric Life (25x improvement over halogen)

## IMPROVED

Life-cycle and maintenance cost

## OPTICAL

Output same or better than halogen versions

## INPUT POWER ROBUST

Reduced by 66%

Environmental Protection

**Honeywell**

Product Family	PAR 46 LED			
Honeywell Part Number	72552962-001	72552962-002	72552962-003	72552962-004
Application	Taxi Light	Taxi Light (Dimmable)	Hover/Taxi Light	Landing Light
Life(average)	50,000 hrs.	50,000 hrs.	50,000 hrs.	50,000 hrs.
LightOutput	65,000 cd	65,000 cd	26,000 cd	250,000 cd
Dimmable	No	Yes	No	No
Infrared-Mode Included	No	No	No	No
Beam Width	25°V x 45°H	25°V x 45°H	41°x41°	15°x15°
Max Power Usage	150	150	150	150
Voltage	28 VAC or VCD	28 VAC or VCD	28 VAC or VCD	28 VAC or VCD
Weight	1.25lbs.	1.25lbs.	1.25lbs.	1.25lbs.
Environmental Protection	Yes	Yes	Yes	Yes
Thermal Management	Yes	Yes	Yes	Yes
Certification	PMA	PMA	Military	TBD

Product Family	PAR 64 LED	
Honeywell Part Number	72552950-001	72552945-001
Application	Landing Light	Landing Light (Dual Mode)
Life(average)	50,000 hrs	50,000 hrs
LightOutput	560,000 cd	510,000 cd 100NRI
Dimmable	No	No
Infrared-Mode Included	No	Yes
Beam Width	11°x11°	11°x11°
Max Power Usage	180	180
Voltage	28 VAC or VCD	28 VAC or VCD
Weight	2.5 lbs.	2.5 lbs.
Environmental Protection	Yes	Yes
Thermal Management	Yes	Yes
Certification	PMA	Military

**AIRCRAFT APPLICATION**  
ATR, Business & General Aviation,  
and Military Aircraft.

**Honeywell Aerospace**  
1944 East Sky Harbor Circle  
Phoenix, AZ 85034  
aerospace.honeywell.com

N61-2395-000-000 | 03/20  
© 2020 Honeywell International Inc.

**THE  
FUTURE  
IS  
WHAT  
WE  
MAKE IT**

**Honeywell**