

# AEROLEDs LED AVIATION LIGHTING

## AEROLEDs SUNSPOT 36-4000 75W PAR36 LIGHTS

### FAA-PMA FOR CERTIFIED AIRCRAFT



AeroLEDs SunSpot 36 75W delivers exceptional performance for both landing and taxi operations:

- **Landing Light:** 200,000+ candela, 15°x15° beam, visible up to 30 miles for outstanding recognition in the air.
- **Taxi Light:** 60,000 candela, 20°vertical x40° horizontal beam for superior ground visibility.

These advanced LED lights offer true-to-life illumination with exceptional color rendering, consume less power, and are resistant to vibrations. Designed for convenience, installation is seamless with the standard PAR36 mount and existing electrical connections.

#### -H Model Features:

- Built-in Pulse (wig-wag) mode for enhanced safety, aiding collision avoidance and reducing bird strikes.
- Self-contained Pulse controller requires no external circuitry.
- Reduces electrical load by 50% in multi-light setups.

#### Specifications:

- Power Consumption: 75 watts max
- Lifespan: 30,000+ hours MTBF
- Lens: UV-hardcoated polycarbonate
- Construction: Aluminum, black powder-coated heat sink
- Approvals: FAA-PMA/STC certified

Upgrade to AeroLEDs SunSpot 36 Series for unmatched visibility, reliability, and safety in all your aircraft lighting needs.

### LANDING LIGHTS

Description	Part No.	Price
SunSpot 36-4509 Landing Light (14v)	11-19466	---
SunSpot 36-4509-H Landing Light w/Pulse (14v)	11-19467	---
SunSpot 36-4591 Landing Light (28v)	11-19468	---
SunSpot 36-4591-H Landing Light w/Pulse (28v)	11-19469	---

### TAXI LIGHTS

Description	Part No.	Price
SunSpot 36-4519 Taxi Light (14v)	11-19679	---
SunSpot 36-4519-H Taxi Light w/Pulse (14v)	11-19681	---
SunSpot 36-4626 Taxi Light (28v)	11-19468	---
SunSpot 36-4626-H Taxi Light w/Pulse (28v)	11-19682	---

## AEROLEDs SUNSPOT 36-4000 100W PAR36 LIGHTS FAA-PMA FOR CERTIFIED AIRCRAFT



AeroLEDs SunSpot 36 100W delivers top-tier performance for landing and taxi operations:

- **Landing Light:** 200,000+ candela, 20°x20° beam, visible up to 30 miles.
- **Taxi Light:** 60,000+ candela, 20°x40° beam for superior ground visibility.

These lights provide vivid, true-to-life illumination, consume less power, and resist vibrations. Installation is easy with a standard PAR36 mount.

#### -H Model Features:

- Built-in Pulse (wig-wag) mode for enhanced safety and collision avoidance.
- Reduces electrical load by 50% in multi-light setups.

#### Specifications:

- 100W max, 30,000-hour lifespan
- UV-coated polycarbonate lens, FAA-PMA/STC approved

Upgrade your aircraft with SunSpot 36 Series for unmatched visibility and reliability.

### LANDING LIGHTS

Description	Part No.	Price
SunSpot 36-4596 Landing Light (28v)	11-14572	---
SunSpot 36-4313 Landing Light (14v)	11-17127	---
SunSpot 36-4596-H Landing Light w/Pulse (28v)	11-17132	---
SunSpot 36-4313-H Landing Light w/Pulse (14v)	11-17129	---
SunSpot Synchronizer Circuit (-H Models Only)	11-14028	---

### TAXI LIGHTS

Description	Part No.	Price
SunSpot 36-4587 Taxi Light (28v)	11-14573	---
SunSpot 36-4314 Taxi Light (14v)	11-17128	---
SunSpot 36-4587-H Taxi Light w/Pulse (28v)	11-17133	---
SunSpot 36-4314-H Taxi Light w/Pulse (14v)	11-17131	---
SunSpot Synchronizer Circuit (-H Models Only)	11-14028	---

## AEROLEDs SUNSPOT 46-4000 SERIES LIGHTS - FAA-PMA



AeroLEDs SunSpot 46 sets the industry standard for high-performance landing and taxi lights:

- **Landing Light:** 230,000+ Candela, 20°x20° Broad aviation-white beam with vivid, true-to-life color rendering for improved visibility and safety.
- **Taxi Light:** 100,000 Candela, 20°x40° beam for exceptional ground

visibility and air recognition up to 30 miles.

These lights consume less power, resist vibrations, and integrate seamlessly with existing PAR46 mounts for easy installation.

#### -H Model Features:

- Built-in Pulse (wig-wag) mode for enhanced recognition and collision avoidance.
- Reduces electrical load by 50% in multi-light installations.

#### Specifications:

- Power Consumption: 175 watts max
- Lifespan: 30,000+ hours MTBF
- Lens: UV-hardcoated polycarbonate
- Construction: Aluminum, black powder-coated heat sink
- Approvals: FAA-PMA/STC certified

Upgrade to SunSpot 46 Series for unmatched performance, reliability, and safety in all lighting conditions.

### LANDING LIGHTS

Description	Part No.	Price
SunSpot 46-4580 Landing Light (28v)	11-15868	---
SunSpot 46-4580-H Landing Light w/Pulse (28v)	11-17134	---
SunSpot 46-4522 Landing Light (14v)	11-19344	---
SunSpot 46-4522-H Landing Light w/Pulse (14v)	11-19345	---
SunSpot Synchronizer Circuit (-H Models Only)	11-14028	---

### TAXI LIGHTS

Description	Part No.	Price
SunSpot 46-4554 Taxi Light (28v)	11-15869	---
SunSpot 46-4554-H Taxi Light w/Pulse (28v)	11-17136	---
SunSpot Synchronizer Circuit (-H Models Only)	11-14028	---



## AEROLEDs SUNSPOT 64 LANDING LIGHT - FAA PMA - 28V

AeroLEDs SunSpot 64-4000 Series provides brilliant brightness and efficiency as an LED landing light solution, designed for seamless compatibility:

- **Landing Light:** Delivers brilliant brightness compared to stock incandescent lamps, enhancing ground visibility and air recognition for safer operations.

Engineered for convenience, the SunSpot 64-4000 Series serves as a simple drop-in replacement for all existing PAR64 configurations, ensuring easy installation with no additional modifications required.

SunSpot 64-4559 (28v) Landing Light.....P/N 11-16454 ..... ---

## AEROLEDs SUNSPOT 36 EQUINOX DUAL-FUNCTION PAR36 LANDING / TAXI FAA-PMA FOR CERTIFIED AIRCRAFT



AeroLEDs SunSpot 36 Equinox is the industry's first dual-function landing and taxi light, delivering tailored lighting for all phases of flight:

- **Landing Mode:** Bright 20°x20° beam for enhanced visibility during high-speed takeoffs and landings.
- **Taxi Mode:** Wide 20°x45° beam for superior runway/taxiway illumination without impairing other pilots' vision.

With vivid, true-to-life illumination, the Equinox consumes less power, resists vibrations, and fits seamlessly into existing PAR36 mounts using a DPDT switch for dual-mode functionality.

**Additional Features:** • Built-in Pulse (wig-wag) mode for daytime recognition, collision avoidance and reduced bird strikes. • Reduces electrical load by 50% in multi-light setups.

Description	Part No.	Price
SunSpot 36 Equinox (14v)	11-19188	---
SunSpot 36 Equinox (28v)	11-19189	---
SunSpot 46 Equinox (14v)	11-19692	---
SunSpot 46 Equinox (28v)	11-19693	---

**VISIT OUR WEBSITE OR CALL US FOR ADDITIONAL  
PART NUMBERS OR ACCESSORIES.**