



## Product Overview

- LED drop-in replacement for various sealed beam landing, taxi, runway turn-off, logo, engine and wing scan applications
- Designed for over 20,000 hours of service life
- Light output comparable to OEM lamps
- Par 64 landing and Par 46 taxi lights designed to meet MIL-L-6503H
- LED lamps are fully repairable and carry a five year warranty
- Polycarbonate lens material covered with diamond carbon coating reduces abrasion and FOD damage
- LED lamps will work with existing transformers

All lights tested to meet DO-160G

## Talon and Proponent

Proponent is now the exclusive global distributor of all Talon Aerospace products. This relationship provides customers with the latest generation of LED lights.

With extensive experience in supporting the MRO, OEM and airline markets, our organization offers innovative inventory and supply chain management solutions to OEM and aftermarket customers.



## LED Sealed Beam Replacement Lamps

### Get Light-Years Ahead of Your Competition

Talon Aerospace sealed beam replacement lamps are designed to allow for plug-and-play replacement of the existing sealed beam lamps fitted on an aircraft. Talon has 3 sizes available, with replacements for the Par 64 landing, Par 46 taxi and Par 36 logo, runway turn-off, engine and wing scan applications. The existing sealed beam lamps have a design life span between 100 and 300 hours while the Talon LED replacements are designed for 20,000 in-service hours.

Light output is comparable to OEM lamps, and the Par 64 landing light and Par 46 taxi light are designed to meet Mil Spec standard MIL-L-6503H.

The LED replacements work with the existing transformers on the aircraft and are designed to minimize the overall LRU count within an operator inventory.

The LED replacement lamps are designed with cool LEDs to maximize light output, but the Par 36 logo is also made available in warm white.

Par 36 LED replacement lamps operate on both 13V and 26V AC, while the Par 46 and 64 operate on 26V AC. All lamps can also operate on 28V DC, allowing for rotorcraft applications.





## LED Sealed Beam Replacement Lamps

Talon LED sealed beam are designed at comparable weight to existing sealed beam lamps of equal size, allowing them to be used in existing fixtures. The current draw for the LED lamp is significantly lower compared to the existing units. Landing light Q4559 draws 650W, while Talon LED replacement TAE0728-1 draws only 104W.

The LED replacement lamps are fully repairable, and the operator can replace individual components like the LED board, power supply and lens in case of failures, reducing cost of ownership.



Available Now

Description	Part Number	Eligibility	Description Color	Approvals	Specifications	OEM Part Numbers
LED Landing Light Par 64	TAE0728-1	See AML	Spot Beam Cool White	FAA STC approved EASA STC approved	26VAC-28VDC 104W Beam 10x10 dgs	4552 4559 Q4559, Q4559X, Q5559
LED Taxi/ Take-Off light Par 64	TAE0728-1D	See AML	Spot Beam Cool White	FAA STC approved EASA STC approved	26VAC-28VDC 52-104W Beam 10x10 dgs	4557 5557
LED Landing Light Par 46	TAE0628-1	See AML	Spot Beam Cool White	FAA STC approved EASA STC approved	26VAC-28VDC 84W Beam 10x10 dgs	4553 4580 4581, Q4681, Q4566
LED Landing Light Par 46	TAE0628-1V	See AML	Spot Beam Cool White	FAA STC approved EASA STC approved	16,5VAC-16,5VDC 84W Beam 10x10 dgs	4635
LED Taxi Light Par 46	TAE0628-2	See AML	Wide Beam Cool White	FAA STC approved EASA STC approved	26VAC-28VDC 84W Beam 50x10 dgs	4551 4554 Q4554, Q5551, Q4597
LED Taxi/Turn-Logo Light Par 36	TAE0528-1	See AML	Spot Beam Cool White	FAA STC approved EASA STC approved	13/26VAC-28VDC 26W Beam 10x10 dgs	4594 Q4631 Q4632
LED Landing Light Hi Int Par 36	TAE0528-1X	See AML	Spot Beam Cool White	FAA STC approved EASA STC approved	26VAC-28VDC 28W Beam 10x10 dgs	4596 5596
LED Logo Light	TAE0528-1W	See AML	Spot Beam Warm White	FAA STC approved EASA STC approved	13/26VAC-28VDC 26W Beam 10x10 dgs	4594 Q4631 Q4632
LED Taxi/Turn-Logo Light Par 36	TAE0528-2	See AML	Wide Beam Cool White	FAA STC approved EASA STC approved	13/26VAC-28VDC 26W Beam 50x10 dgs	4626 Q4626 4587
LED Logo Light	TAE0528-2W	See AML	Wide Beam Warm White	FAA STC approved EASA STC approved	13/26VAC-28VDC 26W Beam 50x10 dgs	4626 Q4626 4587
LED Logo Light Par 36	TAE0528-3	See AML	Flood Beam Cool White	FAA STC approved EASA STC approved	26VAC-28VDC 26W 25x25 dgs	4713
LED Logo Light Par 36	TAE0528-3W	See AML	Flood Beam Warm White	FAA STC approved EASA STC approved	26VAC-28VDC 26W 25x25 dgs	4713

Talon LED Sealed Beam replacement lamps use optics assemblies that allow us to duplicate various beam patterns.

Don't see your lamp listed above, please contact us and we will gladly explore providing you with an alternate LED lamp.

### Approved Model List includes most Par 25 aircraft models:

Airbus	Cessna	Gulfstream
Boeing	Dassault	Learjet
ATR	EADS CASA	McDonnell Douglas
Beechcraft	Embraer	Saab
Bombardier	Fokker	