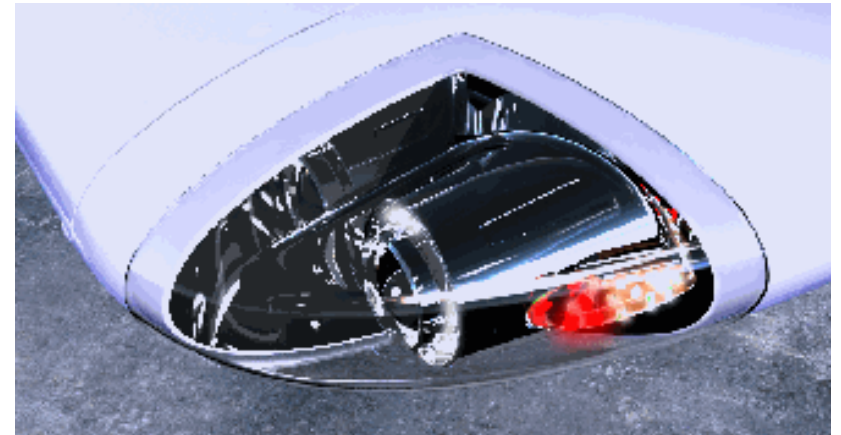


AveoMaxx & AveoMaxxEW Landing/Taxi/Wigwag



Coming soon

AveoMaxx & AveoMaxxEW Landing/Taxi/Wigwag

AveoEngineering introduces the exclusive next-generation AveoMaxx™ landing/taxi/wigwag light module and the AveoMaxx™ Premiere 6-in-1 embedded wingtip light solution (Taxi-WigWag-Landing-Nav-Position-Strobe).

Unlike all the "Brand X" LED landing light products out there, which are just a collection of commercial TIR lenses placed over some industry standard single LEDs, the AveoMaxx™ is the world's first ultra-high power LED landing light module, incorporating the amazing Aveo MaxiChip™ power and performance.

AveoMaxx & AveoMaxxEW

Landing/Taxi/Wigwag

Where is the difference?

The AveoMaxx™ technology is based on a solid state light source that combines the benefits of both LED and laser technologies. A special lattice structure results in optimal surface emission from a nearly one square centimeter massive LED source - the result is uniform and incredible brightness over the entire LED chip face, exceeding 2250 lumens per chip. This optical power and brightness for the first time allows an LED-based light to replace arc and halogen lamps in applications like landing lights, where arrays of traditional LEDs cannot. With an industry-leading lumen maintenance level of over 70% after 60,000 hours, and 100,000 hour design operational life, these lights will far exceed the lifetime of the aircraft.

AveoMaxx & AveoMaxxEW Landing/Taxi/Wigwag

AveoMaxx-2 and AveoMaxx-4 MaxiChip™ configurations are the two basic configurations of the landing light module, incorporating the internal custom optic RockyReflector™

Taxi Light and WigWag function from the exclusive custom optics of a second proprietary RockyReflector™ module with 12 integral Hi-Power LEDs dedicated to these functions alone

Integral custom PowerOptimizer™ supply and AveoSmartController™ circuitry eliminates bulky external strobe or power boxes as pioneered only by Aveo in all of its products for more than 2 years

2 Options of heat pipe and heat sink integral to the housing for maximum operating efficiency

For embedded wingtip installations, just add the AveoMaxx™ Premiere Nav/Strobe module (a derivative of the industry-leading Aveo E-series™ 3-in-1 light) to the pre-engineered mount and a PosiStrobeXP™ light to your tail and you have a complete and integrated light solution more advanced than most airliners

AveoMaxx & AveoMaxxEW

Landing/Taxi/Wigwag

For wing leading edge installations, the AveoMaxx™ modules are pre-engineered for easy stack mounting next to each other

For inside-cowling or other location mounts, the AveoMaxx™ is an aerodynamically streamlined module that is versatile enough to be mounted in the optimum location for your particular aircraft.

In the cockpit, simply add Aveo RockRack™ led-backlit custom icon rocker switches for the ultimate control of your entire aircraft lighting system, with specific icon switches to control all functions

Featuring an adjustable tilt mounting system the AveoMaxx™ lights can be set to the optimal angles for your aircraft operating requirements with the simple turn of a screwdriver

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Environmentally Friendly

The AveoMaxx™ uses far less power than competitive products illuminated by mercury-arc, high intensity discharge, or halogen lamps, which means they help to reduce air pollution from carbon emissions. Mercury and Lead-free, this RoHS compliant environmentally - friendly technology helps reduce power consumption and the amount of hazardous waste entering the environment. Finally, a "green" aircraft light!