ELL50 ELECTRONIC LANDING LIGHT

The Thiesen landing light, the ELL50, with its 50 mm (approx 2”) diameter, and less than 80 gram (2.8 ounces) is much more compact than its forerunner model ELL60, but has a much greater luminescent efficiency.

Power input of the ELL50 is only 30 watts, with the light output equal to a 90 watt halogen lamp. Again, Thiesen’s state of the art molding techniques guarantees weather resistance and therefor can be mounted virtually anywhere on your aircraft including even the wheel pants!

The integrated anti-collision lighting of the ELL50 is also prepared for the intelligent synchronization. The ELL50 can be easily connected to a cable of minimum 1.5 mm² cross section and is prewired for easy connection to a cable with 0.5 mm² highly flexible stranded wire. An instructions manual and the required shrink tubing are included in the package.

Thanks to its advanced construction the ELL50 is water and seawater resistant and, therefore, ideally suited for use in seaplanes. It has temperature controls and is corrosion and UV resistant.

ELL60 ELECTRONIC LANDING LIGHT

The landing light ELL60 is the logical evolution of ELL50 with even more power. Despite its small size (diameter 60 mm) this headlight has an input power of 60 watts, which corresponds to a usual halogen headlight of 180 - 200 watts. For the first time we have designed a new cooling system for the ELL60. In the new developed central cooling, the cooling air is passed through the landing light directly to the heatsink. With this new system it is possible to implement this high performance on such a small space. Of course, the ELL60 is through its complete socketing absolutely vibration inured and can be installed anywhere on the aircraft. The peculiarity of our landing light inured and can be installed anywhere on the aircraft.

The integrated anti-collision lighting of the ELL60 is based on light-emitting diodes is the integrated anti-collision light (ACL). In this technique, the LEDs of the landing light can be controlled as anti-collision light in flight direction (ie forward) and increases the visibility of the aircraft in flight. The LED acts both as a normal landing light and as anti-collision light in the direction of flight (forward). This significantly increases the visibility of the aircraft in flight.

ELL80IS - ELECTRONIC LANDING LIGHT - INTELLIGENT SYNCHRONIZATION

By using the ELL, the Electronic Landing Light, ultralight aircraft are better perceived even during the day. The special feature of the light-emitting diode-based landing light is the integrated anti-collision light (ACL). Thus, the ELL functions both as a normal landing light and as anti-collision light in the direction of flight (forward). This significantly increases the visibility of the aircraft in flight.

Landings Landing Lights ELL80IS is the logical evolution of the proven ELL60 for integration into the family of “intelligent synchronization”. With the specially selected LEDs, the ELL80IS achieves four times the light output of its predecessor. Mounting and weight are identical to its predecessor, so that it can be replaced 1:1. The ELL80IS is prewired for easy connection to a cable with at least 1.5 mm² conductor cross-section with 0.5 mm² highly flexible stranded wire and has a separate connection for the landing light and for the ACL. The installation instructions and the required shrink tubing are enclosed.

Due to the forward-looking construction, the ELL is water and seawater resistant and therefore ideally suited to be used in seaplanes. It is temperature controlled and corrosion and UV resistant.