

SX-16 Nightsun[®] Enhanced Searchlight

Spectrolab is pleased to announce enhancements to a new version of our SX-16 Nightsun[®] Searchlight. These enhancements will incorporate new functionality that improves both reliability and operation interface.

We will incorporate a new brushless Cooling Blower into the SX-16 Nightsun[®] Searchlight that has a higher Mean Time Before Failure (MTBF) than the unit it replaces. This new Cooling Blower has a maximum recommended service life of 10,000 hours. The new Cooling Blower also eliminates the need for brushes which allows for a smaller EMI (Electro-Magnetic Interference) signature as well as eliminating the need for periodic brush replacement.

The SX-16 Nightsun[®] Enhanced also incorporates a Hobbs[™] hour-meter for accurate measurement of lamp ON time. This hour-meter will allow for ease of calculation on lamp life, which may be especially useful in maintaining statistical information.

Another significant addition on this SX-16 Nightsun[®] Enhanced is the integration of a bi-directional focus mechanism. This allows the operator of the searchlight to move the focus from narrow to wide (or vice versa) without having to run through the entire focus cycle.

The abovementioned enhancements are not limited to new system purchases as all three features can be retrofitted to existing SX-16 Nightsun[®] Searchlights. The use of bi-directional focus will require a new Control Box and two (2) new cables. The cables going from Junction Box to Control Box (Internal, Straight Cable and Coiled Control Cable) will need to be added to your existing system for the added functionality. New Control Boxes also incorporate a Lamp Off Switch that allows for system switch to be left in ON position for additional lamp cooling after lamp is switched OFF.

Spectrolab recommends that all valued customers wishing to upgrade their existing SX-16 Nightsun[®] Searchlights, allow our FAA/EASA Authorized Repair Station to handle these upgrades.

Please do not hesitate to contact Spectrolab's Illumination Products Customer Service Department by phone at (800) 936-4888 or email at DL-SYLCustomerservice@boeing.com with any questions that you may have.