



[®] **Illumination
Technologies, Inc.**



Technical Note: **113**

Question: Can I upgrade/retrofit my 3900 *SmartLite*™ to operate as a 3900ER (extended range), 3900IR (infrared), or 3900HC (high color temperature)?



Answer: A standard 3900 can be converted to 3900HC in the field. The procedure is relatively simple. The conversion requires the replacement of the standard EKE halogen lamp with the specialty EKE-HC lamp. After lamp replacement the unit must be recalibrated to accept the new lamp. The calibration procedure is available from the factory.

The 3900 cannot be upgraded to 3900ER or 3900IR without returning the unit to the factory*. These conversions require modifications to the motherboard which is not a user serviceable part. Additional changes are also made to the lamp bracket assembly which determines what wavelengths are delivered to the target.

* There is a minimum service charge associated with unit upgrades, as well as shipping and handling charges.

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