

VARI*LITE TECHNICAL BULLETIN

SUBJECT: VL440 / VL770 / VL880 Spot Luminaire Software Release	SERIES: 400/700/800
DISTRIBUTION: Service Centers, End Users	STATUS: REQUIRED

Introduction

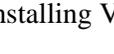
Embedded Software Release

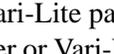
Vari-Lite has a new software release for VL440 / VL770 / VL880 Spot Luminaires. Software version **08/08/12** (file name, **SVL_080812.bin**) is now available for download and installation. Vari-Lite **requires** all owners and users of the VL440 / VL770 / VL880 Spot Luminaires download and install this new version of software from the Support section of the Vari-Lite web site (www.vari-lite.com). Please review this bulletin in its entirety before downloading and installing the software.

Note: VL440 / VL770 / VL880 Spot Luminaires manufactured on and after **08/13/12** will have this software installed. This software may be loaded in all previously manufactured fixtures.



IMPORTANT! There are some operational changes and important information contained herein. Please review this bulletin carefully and completely before installing this version of luminaire software. After loading this new software, some cues that control the luminaire, may require adjustment. See **“Release Notes” on page 2** of this bulletin for more information.

For instructions on downloading and installing VARI*LITE luminaire software, refer to luminaire’s user manual.

For more information on the USB Luminaire Programming Kit (Vari-Lite part number 28.8500.0054), please contact your Authorized VARI*LITE Dealer or Vari-Lite customer service.

If you have any questions regarding this release or your VARI*LITE product, please contact Vari-Lite Customer Service at 1-877-VARILITE (or +1-214-647-7880) or via e-mail at entertainment.service@philips.com.

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Release Notes

Updates to VL440 / VL770 / VL880 Spot Luminaire Software (08/08/12):

Update Summary

- Iris operational / configuration setting has been added to the menu. See, "[Iris Selection / Configuration Operation](#)" for information.
- Invert pan operation is now operational.
- Minor bug fixes from all previous versions. This includes correction of Fan Identification errors (Fan IDs).

Important Notes and Warnings

- Operating fixtures with either Iris 1 or Iris 2 using prior software version will cause the iris to close to far, which will result in damage to the iris and this damage will not be covered under the warranty after the effectivity date of this bulletin.
- If iris closes very small, you have an older version of software and MUST update to the software described herein or later.
- If iris is not set to the correct iris setting, you will experience the following symptoms:

Iris Installed	Iris Setting	Symptom
Iris 1	Iris 2	There will be a delay before the iris will begin to close and the iris will not close as far.
Iris 2	Iris 1	The iris will not go completely out of the gate.

Iris Selection / Configuration Operation

- This option has been added as described in software technical bulletin LSW-069. LSW-069 Stated - *Installation of this software to all VL440 spot, VL770 spot, and VL880 spot luminaires manufactured prior to 7/20/12 will be effected that their iris will not close as much as previous software versions. VL770 spot and VL880 spot luminaires manufactured after 7/20/12 will close further, but not as far. A long term solution to close the original irises is forthcoming.*
- All VL440/VL770/VL880 spot luminaires manufactured prior to 07/20/12 and all VL440 spot luminaires (manufactured prior to and after 07/20/12) are built using iris assembly 22.9687.0230. These iris assemblies are described in the menu selection as "IRIS 1".
- All VL770/VL880 spot luminaires manufactured after 07/20/12 are built using iris assembly 22.9687.0235. These iris assemblies are described in the menu selection as "IRIS 2".
- Users now have, in this software release, a menu option to set their fixture to the appropriate iris setting so all VL440/VL770/VL880 fixtures operate in the same manner during iris opening/closing operation.

Fixture	Manufacturing Date	Recommended Iris Setting
VL440 Spot	Prior to 07/20/12	Iris 1
	After 07/20/12	Iris 1
VL770 Spot	Prior to 07/20/12	Iris 1
	After 07/20/12	Iris 2
VL880 Spot	Prior to 07/20/12	Iris 1
	After 07/20/12	Iris 2

- To select and set iris type via on-board menu: **CONFIG -> IRIS -> IRIS 1 or IRIS 2**

Note: Executing a "Reset Fixture to Defaults" does not change the last iris selection setting.

- To select and set iris type via control channel (note, only control channel is shown - same for all fixtures):

DMX Channel	Parameters	Range (DMX)	Range (%)	Default Value*	Description
30	Control	0 - 255	0 - 100%	0	<p>Used to strike/douse the lamp, set lamp levels, and other various functions, as well as resetting the luminaire via the console. DMX values are:</p> <p>Default Console Value (Idle) = DMX 0 Display-Menu ON/OFF = DMX 3 - 4 Reset Fixture to Defaults = DMX 5 - 7 *Edge Track ON = DMX 11 - 13 *Edge Track OFF (Norm) = DMX 14 - 16 *Color Snap ON = DMX 20 - 25 *Color Snap OFF (Norm) = DMX 30 - 35 *Dimmer Snap ON = DMX 40 - 45 *Dimmer Snap OFF (Norm) = DMX 50 - 55 Motor Mini-Stepping ON/OFF = DMX 60 - 65 Iris 1 Installed = DMX 70 - 72 ** Iris 2 Installed = DMX 73 - 75 ** Full Luminaire ReCal = DMX 81 - 87 Full Luminaire ReBoot† = DMX 91 - 97 ReCal Color = DMX 100 - 104 ReCal Gobo = DMX 112 - 116 ReCal Beam = DMX 126 - 130 ReCal Dim/Strobe = DMX 138 - 142 Lamp OFF = DMX 165 - 171 Lamp Strike = DMX 249 - 255</p> <p>When resetting fixtures to Defaults, settings in Bold will be activated.</p> <p>† Full Luminaire ReBoot will douse lamp and restart the Main Control Board (MCB). * Note that these functions do not require the 3 second rule to execute. All other values do require 3 second rule.</p>

**Requires 3 second rule. Set value for 3 seconds and then give a discrete "0". Once executed, the dimmer shall close, iris shall set to selection, and dimmer shall reopen.