

SUBJECT: VL2500™ Spot and Wash Luminaires Software Update	SERIES: 2000
DISTRIBUTION: Service Centers, End Users	STATUS: Routine

Introduction

Embedded Software Update

Software update **04/08/05** for **VL2500™ Spot and Wash Luminaires** is now available. This technical bulletin covers all changes in this new version.

For instructions on downloading and installing VARI***LITE**[®] luminaire software, refer to technical bulletin LSW-002.

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 customerservice@genlyte.com.

Release Notes

Improvements in New Version

VL2500™ Spot and Wash Luminaires:

- Improved rotating gobo wheel calibration accuracy
- Improved dimmer wheel calibration accuracy
- Modified gobo index CW/CCW direction to match VL2000 Spot
- Faster index movement during non-timed moves
- One minute lamp standby mode now occurs when dimmer is at DMX value 3 or less or strobe blades are closed



Note: Read attached "Operational Notes" on page two for further information of the software updates.

Operational Notes



WARNING: BEFORE installing this software in your luminaires, please read the enclosed document carefully as it describes operational changes that will affect the operation of the luminaires as well as alter pre-programmed cues. This software will affect programming that has been performed with previous versions of VL2500 luminaire software.

Changes on DMX Map of Rotating Gobo Wheel

Continuous spin of the entire rotating gobo wheel now operates properly. A fix has been added to re-calculate the index position once the spin has been stopped. This happens automatically.

Index Positions Update

The indexing of gobos in the VL2500 spot now follows that of the VL2000™ spot. This means a change in direction from previous versions. For example, if you have a VL2500 cue where the pattern spins counter-clockwise, it will now spin clockwise.

Any previously stored fixed index (not a continuous rotation) will be off and need to be touched up in programming.

Index Speed or Responsiveness

The index speed or responsiveness has increased at which a non-timed index change occurs to match that of the VL2000 Spot.

Standby Mode

This software version also has an enhanced standby procedure designed to provide additional protection for the dimmer wheel and strobe blades. The VL2500 luminaire goes into standby after 60 seconds up to DMX value 3 (or less) where dimmer is almost completely closed and light output is imperceptible. The VL2500 luminaire also goes into standby after 60 seconds when strobe blades are left in but dimmer remains open.

DMX Map for Rotating Gobo Wheel

Table : DMX Map for VL2500 Rotating Gobo Wheel for Software 04/08/05

% Value	DMX (0-255)	Action	Comments
0	0	Position 1 (Open)	
8	19	Position 2	
15	37	Position 3	
22	55	Position 4	
29	73	Position 5	
36	91	Position 6	
43	110	Position 1 (Open)	
50	128	Position 2 (Rot)	
57	146	Position 3 (Rot)	Value was 145
64	164	Position 4 (Rot)	Value was 163
71	182	Position 5 (Rot)	Value was 181
79	200	Position 6 (Rot)	
84	216	Open	
85	217	CCW Rot Fast	
87	222	CCW Rot Med	
91	233	CCW Rot Slow	
92	234-238	Stop	
94	239	CW Rot Slow	
98	250	CW Rot Med	
100	255	CW Rot Fast	