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Technical & Applications Information on the
Products of GTI Graphic Technology, Inc.

|tech note|

OPERATION OF THE LITEGUARD II

Introduction

Some basic facts about D5000 color transparency and reflection viewers:

> The major source of color appearance deficiencies in - and differences between - viewers is excessive lamp (operating) age.

> A very common error in the use of viewers: making critical color judgements before the viewer is fully warmed up.

Such viewer malfunctions and malpractices can result in costly viewer inaccuracies and variations, defeating the basic purposes of standard lighting: precise and consistent viewing conditions throughout the color reproduction "network". The LiteGuard II Viewing System Monitor provides a series of audio and visual signals that alert you to the fact that such viewing variations exist, or indicate that your D5000 viewer is providing the light quality it was designed to provide.

Use and Maintenance of the LiteGuard II

The LiteGuard II is a solid-state monitor/memory system that records the accumulated period of lamp usage, automatically indicating when the lamps have exceeded 2200 hours and the effective color life (2500 hours). The instrument also provides a (timed) warm-up that indicates whether or not the viewer has achieved equilibrium and a color-stable condition.

Lamp Replacement Procedure: Remove the old lamps from the fixture(s) and replace them with new original equipment Graphiclite 100 lamps. After relamping and when the unit is turned on, depress the reset switch located beneath the hole after "inc" (as shown by arrow). The unit will beep three (3) times and the timer will reset back to 0.

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GTI Graphic Technology, Inc.
211 Dupont Avenue | Newburgh, NY 12550
Tel: 845-562-7066 | Fax: 845-562-2543
sales@gtilite.com | www.gtilite.com