

FOR IMMEDIATE RELEASE
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Tear-down reports reveals powerful PhlatLights® illuminate Samsung's third generation LED-based pocket projectors

Corvallis, OR—Optical Short Course International, Inc's (OSCI) reverse optical engineering analysis report on Samsung's third generation LED-based pocket projector is available November 17, 2008. The *Samsung SP-P400B Optical Tear-Down Report* highlights significant design changes and as an industry first, Samsung has utilized Luminus Devices PhlatLight® LEDs in their illumination system; making the SP-P400B the first commercially available LED-based digital projector to do so.



**Samsung SP-P300
First Generation**

**Samsung SP-P310
Second Generation**

**Samsung SP-P400B
Third Generation**

The *Samsung SP-P400B Optical Tear-Down Report* provides critical information regarding the illumination design and optical design and performance of the SP-P400B from the new sleek and modern exterior to the redesigned illumination systems that accommodates the powerful light of the Luminus Devices HB LED's. This new optical configuration enables the light engine to deliver an industry leading 150 ANSI lumen output—the most from an LED pocket projector. For “those who need to know” this report will accelerate them up the steep learning curve of understanding of the illumination design and optical design approaches used in the innovative optical path, optical components, how they work and what it so unique about this particular LED-based digital projector.

The *Samsung SP-P400B Optical Tear-Down Report* offers a close-up look at what's inside this compact and powerful LED-based digital projector with over 150 high-resolution photographs, graphs and illustrations that cover the analysis of the optical system and layout, color measurements, light engine assembly, illumination and imaging systems and their throughput from LED to screen.

For additional information on the *Samsung SP-P400B Optical Performance Report*, other LED-based projector optical tear-down reports, eBooks, custom in-house courses, or LED light engine assembly design and analysis; visit us at www.oscintl.com or call 541-255-2183.

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About Optical Short Course International Inc.

Our goal at Optical Short Course International Inc., (OSCI) is to continually exceed optical engineering training and consulting expectations worldwide.

OSCI Inc. is an industry leader in illumination design and analyses, prototypes, reverse optical engineering, and customized in-house training courses. Start-up companies, medium and large companies including Fortune 50, 100, and 500 companies have benefited from partnering with us.

With over 20 years of experience, we understand the challenges companies face in gaining and maintaining a foothold in the booming LED-based and illumination industries. We work closely with our partners to ensure the best strategies and innovations are used in developing cutting edge technology to implement their optical engineering dreams so they can compete in the world market.

Our areas of brilliance include:

- High Brightness (HB) LED Optical System Design, Analysis, and Testing
- Illumination Design, Analysis, and Testing Services
- Optical Instrument Development, Analysis, and Testing
- Reverse Engineering—Optical Assembly Tear-downs
- Customized In-house Optical Training Courses
- Private Mentoring—Lens and Illumination Design

For more information visit www.oscintl.com; email: traci@oscintl.com or call 541.255.2183.