

## **Xycarb announces the re-start of the Xycarb Ceramics brand infrared lamps business line**

Helmond, the Netherlands, April 19, 2011

Xycarb announces the re-start of the Xycarb Ceramics brand infrared lamps business line for EPI, RTP and other applications. Since Philips Lighting stopped manufacturing infrared lamps in 2008, Xycarb has been in the process of selecting and releasing an alternative supplier. Xycarb's new lamp supplier is an established manufacturer of infrared lamps (both EPI and RTP) within the Japanese semiconductor industry. The new lamps have been launched and introduced at several initial customers. Extensive comparison tests of the new equivalent lamps vs former Philips lamps have been completed successfully.

Xycarb Ceramics supplies infrared lamps for the following semiconductor applications:

- EPI:
  - 2kW Lamp for AMAT Centura (All wafer sizes)
  - 6kW Lamp for ASM Epsilon (< 8" wafers)
  - 1kW Lamp Ceramic Base for ASM Epsilon
  - 6kW Lamp for AMAT Barrel systems (Batch EPI)
- RTP:
  - 500W Lamp for AMAT Centura
  - 520W Lamp for AMAT Radiance
  - 645W Lamp for AMAT Radiance PLUS
- Other:
  - 1kW Metal Base & Ceramic Base

Test conclusions showed that the lamp properties are within specification. Detailed lifetime test information per lamp is available for customers on request with your Sales Manager.

### **About Xycarb Ceramics B.V.:**

Xycarb Ceramics is a leading company providing a complete range of Graphite, Quartz and Ceramic consumable parts and complementary products for the wafer processing industry. Xycarb solutions are used by a worldwide range of customers to produce advanced devices for electronic, opto-electronic and solar applications. Xycarb has its headquarters in Helmond, The Netherlands and is a division of the Schunk Group. Xycarb products and services are supported by a Global Sales and distribution network providing cost effective logistics. Our operations and subsidiaries are in Helmond (NL), Georgetown (TX, USA), Hsin Chu (TWN) and Singapore plus Sales offices and representatives in Japan, Korea and Germany, Italy, Israel and China

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