Investor Fact Sheet

Q1 2012
April 30, 2012

We Make Thin Film Process Equipment

Growing, depositing and etching thin films is our core competency

High Growth Market Focus

Our equipment enables the manufacture of LEDs, power electronics, hard drives, MEMS, & wireless communications devices

Our Technology

supports energy efficiency, consumer electronics and network storage

We are the Market Leader

in MOCVD, MBE, IBE/IBD and Advanced Thin Film Process Technologies

Our R&D is Best-in-Class

Veeco's exceptional R&D organization delivers systems that enable the future

Investment Rationale:

1 **Market Leaders**
We are the leader in each of our core technologies – MOCVD, MBE, IBE/IBD and Advanced Thin Film Process Technologies

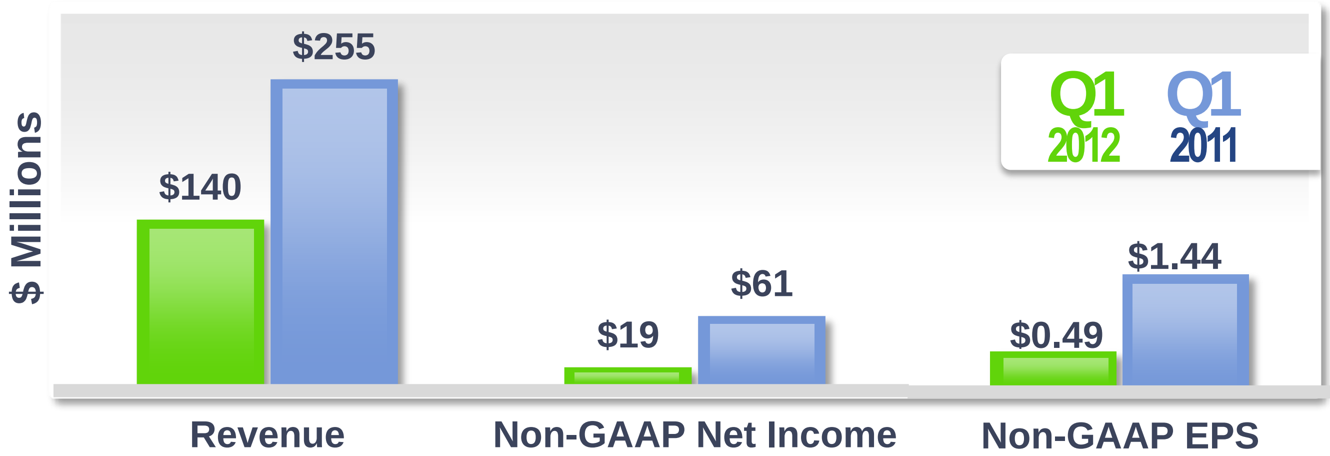
2 **Exceptional Technology**
Our people, technology and process knowledge enables us to deliver systems with the lowest CoO to the world's leading companies

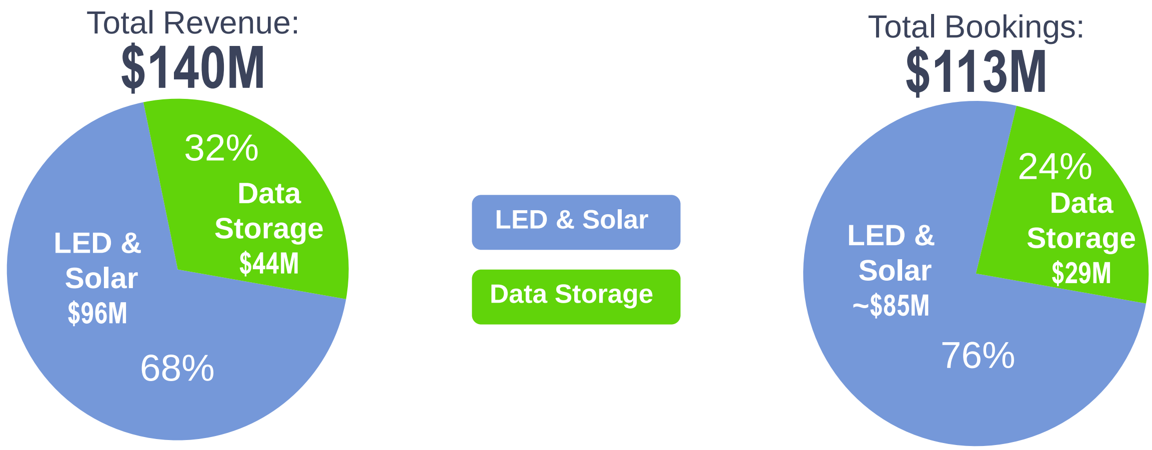
3 **Tied to High Growth Markets**
LEDs for lighting, power electronics for energy conversion, hard drives, wireless chips and MEMS for cloud computing and state-of-the-art electronics

4 **High-Performance Organization**
Fast and agile culture featuring speed as a competitive differentiator, customers count on our flexibility and value proposition

Innovation. Performance. Brilliant.

Veeco





LED & Solar – $96M
Down from $215M in Q1 2011; MOCVD at $82M in Q1 2012

Data Storage – $44M
Up from $40M in Q1 2011

LED & Solar – ~$85M
Down from $198M in Q1 2011; up 26% from $67M in Q4 2011; MOCVD at $70M (+19% sequentially) and MBE at $15M (+71% sequentially)

Data Storage – $29M
Down from $33M in Q1 2011

Book to Bill = .81 to 1; Backlog $305M

Q2 2012 Guidance

	Q2 2012
Revenue	$120-145M
Gross Margins	44-46%
Operating Spending	$43-46M
Adjusted EBITA	12-17%
GAAP EPS	$0.20-0.40
Non-GAAP EPS	$0.29-0.48

2012 Outlook:

- Outlook remains unchanged with revenues of $500-600M
- No clear inflection in customer buying patterns; MOCVD recovery will be driven by LED lighting investments and growing sales for new applications (power electronics)
- Data Storage, MBE and Services provide “cushion” during LED market pause

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To the extent that this news release discusses expectations or otherwise makes statements about the future, such statements are forward-looking and are subject to a number of risks and uncertainties that could cause actual results to differ materially from the statements made. These factors include the risks discussed in the Business Description and Management's Discussion and Analysis sections of Veeco's Annual Report on Form 10-K for the year ended December 31, 2011 and in our subsequent quarterly reports on Form 10-Q, current reports on Form 8-K and press releases. Veeco does not undertake any obligation to update any forward-looking statements to reflect future events or circumstances after the date of such statements. In addition, this presentation includes non-GAAP financial measures. For GAAP reconciliation, please refer to the reconciliation section in this presentation as well as Veeco’s financial press releases and 10-K and 10-Q filings available on www.veeco.com. Note: All results presented herein are for Veeco’s “Continuing Operations” which excludes the Metrology business sold to Bruker Corporation on October 7, 2010 and Veeco’s Discontinued CIGS Solar Systems Business, effective September 27, 2011.