Investor Fact Sheet

Q1 2011
April 25, 2011

Veeco makes equipment to develop and manufacture LEDs, solar panels, hard disk drives and other devices. We support our customers through product development, manufacturing, sales and service sites in the U.S., Korea, Taiwan, China, Singapore, Japan, England, Germany and other locations.

Veeco Snapshot

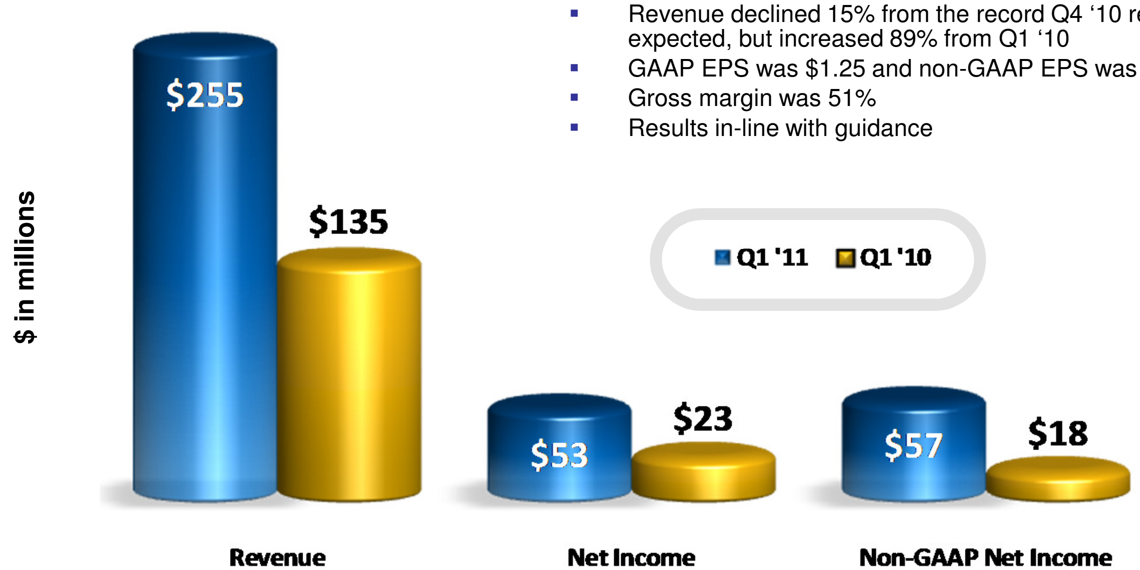
- Leader in many of the fastest growing segments for advanced deposition equipment
- Targeting large opportunities in LED, Solar and Data Storage
- Dramatic recent growth solidifies industry leadership position in LED
  - Key enabler of BLU and general illumination with foothold at major customers
  - Compelling product roadmap, with cutting-edge technological advances in upcoming releases
- Broad and diverse customer base
- Global footprint, with a diversified international customer base
- Strong gross margins with significant operating leverage and variable cost model to drive profits and cash generation

MaxBright™: Fast Adoption by Key Customers

- As planned, shipped three 4-chamber systems in Q1 as planned
- Received multiple orders from key accounts in Korea, Taiwan, China
  - 3 of the top Taiwanese LED makers have placed MaxBright P.O.s
- Currently planning to ship 4-8 MaxBright systems in Q2
- Very strong pipeline & quoting activity…we are well positioned for continued growth & share gain

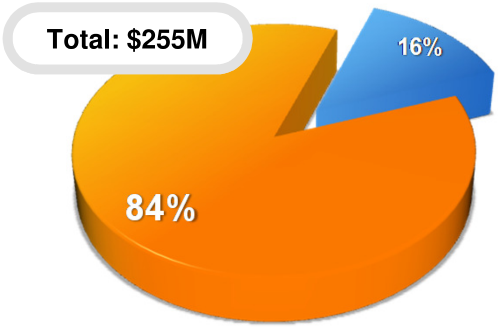
Q1 2011 Strong Performance Across the Board

- Revenue declined 15% from the record Q4 ‘10 results, as expected, but increased 89% from Q1 ‘10
- GAAP EPS was $1.25 and non-GAAP EPS was $1.33
- Gross margin was 51%
- Results in-line with guidance



See reconciliation to GAAP on www.veeco.com

Q1 2011 Revenue Performance by Segment



LED & Solar
Data Storage

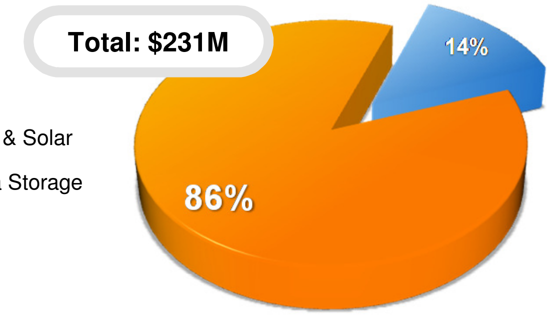
LED & Solar – $215M

- Down 17% sequentially but up 93% from Q1 '10
- MOCVD at $204M

Data Storage - $40M

- Down 4% sequentially but up 72% from Q1 '10

Q1 2011 Bookings Performance by Segment



LED & Solar – $198M

- Down 22% sequentially and 6% from Q1 '10 primarily due to timing of customer deposits for MOCVD systems.
- MOCVD remains strong at $186M

Data Storage - $33M

- Down 22% sequentially but up 24% from Q1 '10

Book to Bill = .91 to 1; Backlog $530M

Q1 2011 Highlights

($ millions except GM)	Q1'11	Q1'10	Q4'10
Revenues	$254.7	$134.8	$300.0
Gross Profit	129.3	56.7	152.8
Gross Margin	50.8%	42.1%	50.9%
Operating Income	79.7	25.2	100.9
GAAP Net Income	53.1	22.8	96.7
Non-GAAP Net Income	56.6	17.6	67.9

See reconciliation to GAAP on www.veeco.com.

2011 Forecast:

Revenue: >$1B

Non-GAAP EPS: > $5.00

Backlog at 3/31/2011: $530M

Strong first half 2011 orders

Q2 2011 Guidance

Revenues	$255-285M
Gross Margin	~50%
Operating Spending	$54-55M (19-22%)
Adjusted EBITA	30-32%
GAAP EPS	$1.08-$1.32
Non-GAAP EPS	$1.20-$1.45

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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, 2010 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.