Investor Fact Sheet

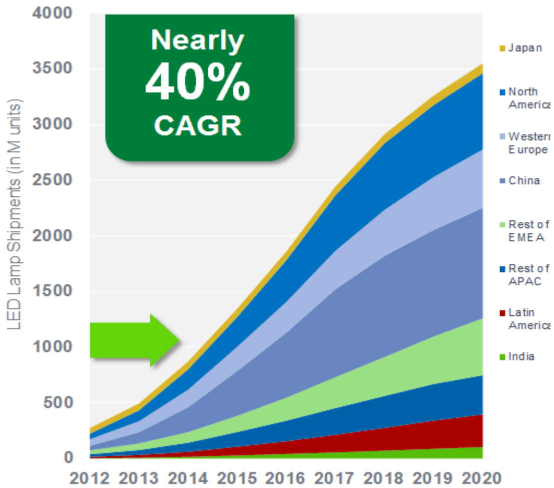
Q2 2014
July 30, 2014

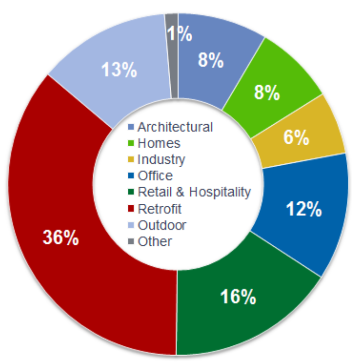
Veeco's Top Priorities

Develop and launch game changing new products	Next-gen MOCVD and new ALD to drive growth
Improve customers' CoO and our gross margins	Targeting GMs >40%
Drive process improvement initiatives and lower expenses	Streamlining initiatives to improve profitability

Transition to Profitable Growth in 2015

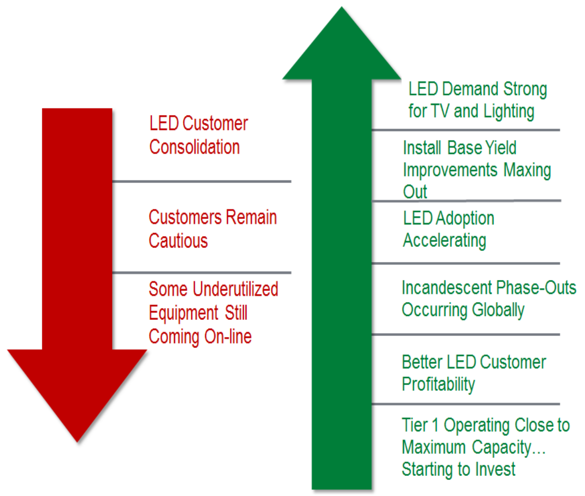
LED Lighting Demand Accelerating





LED Lighting Market Value up 25% to $5B in 2014

Early Innings of Big Secular LED Lighting Trend



FAST-ALD Technology to Drive Growth in 2015 and Beyond

OLED Mobile
$200-400M TAM

1

Focused on Winning for OLED Flex Display Encapsulation

OLED TV & Lighting
>$200M TAM

2

Engaging Potential New Customers

Semiconductor & Other
>$200M TAM

3

Market Validation Activity on Track for New Applications

Q2 2014 Financial Highlights

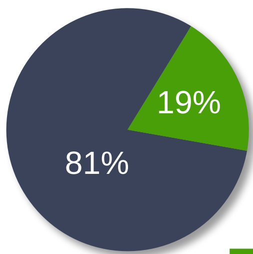
Q2 Revenue up 5% sequentially to $95M	*Improvement in MOCVD & MBE drive revenue growth*
Q2 Orders $104M	*Third sequential quarter with a positive book-to-bill ratio*
Cash and Short Term Investments $485M	*Generated cash in a challenging quarter*

Q2 2014 Revenue Highlights - $95M

LED & Solar
~$77M

MOCVD $67M; up 5% sequentially

MBE $10M



($M)	Q2 14	Q1 14
Adj EBITA	($1.6M)	$2.1M

Data Storage
~$18M

Data Storage down 10% sequentially

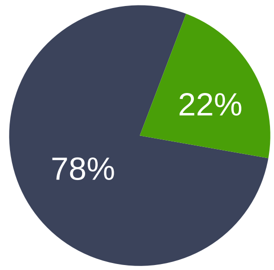
($M)	Q2 14	Q1 14
Adj EBITA	($0.3M)	($0.6M)

Q2 2014 Order Highlights - $104M

LED & Solar
~$81M

MOCVD $75M; down 10% sequentially

MBE $6M; up slightly on a sequential basis



Data Storage
~$23M

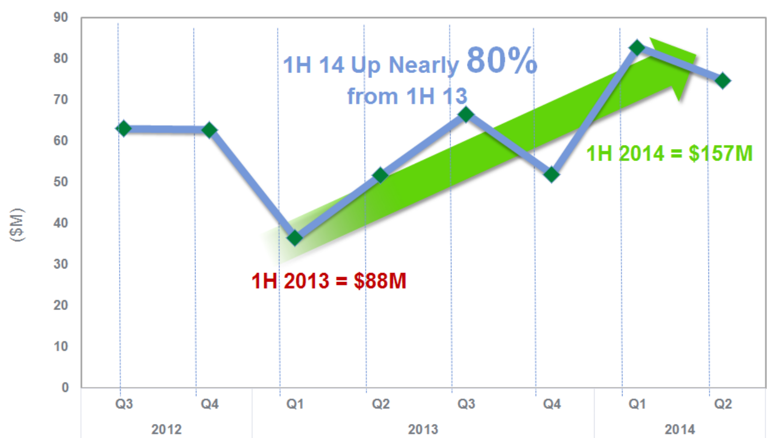
Improves 52% sequentially after extremely weak Q1 2014

Q3 2014 Guidance

	Q3 2014
Orders	Higher than Q2
Revenue	$92M-100M
Gross Margins	31.5 – 33.5%
OPEX*	$41M – 42M
EBITA	($7M) – ($3M)
EBITDA	($4M) – $0M
GAAP EPS	($0.43) – ($0.34)
Non-GAAP EPS**	($0.15) – ($0.07)

Orders Expected to Grow in 2H 2014 Compared with 1H 2014

Strong MOCVD Order Trend



*Excludes amortization
**Non-GAAP EPS excludes $2.6M restructuring charge planned in Q3 2014

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