

INVESTOR PRESENTATION

ORIONLIGHTING.COM

JOHN SCRIBANTE, CEO BILL HULL, CFO

FEBRUARY, 2016

SAFE HARBOR

This presentation (including any oral statements transmitted to the recipients of this presentation) contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, including statements regarding OESX's current expectations about its future operating results, prospects and opportunities. OESX has tried to identify these forward looking statements by using words such as "expect," "anticipate," "potential", "estimate," "plan," "will," "would," "should," "believe" or similar expressions, but these words are not the exclusive means for identifying such statements. OESX cautions that a number of risks, uncertainties and other important factors could cause OESX's actual results, prospects and opportunities to differ materially from those expressed in, or implied by, the forward-looking statements. For a detailed discussion of factors that could affect OESX's future operating results, prospects and opportunities, please see OESX's Annual Report on Form 10-K and subsequently filed form 10-Qs, including the disclosures under "Risk Factors" and "Cautionary Note Regarding Forward-Looking Statements" which are available at www.sec.gov on the investor page of OESX's website. You should not place undue reliance on any forward-looking statements. Except as expressly required by the federal securities laws, OESX undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, changed circumstances or future events or for any other reason.



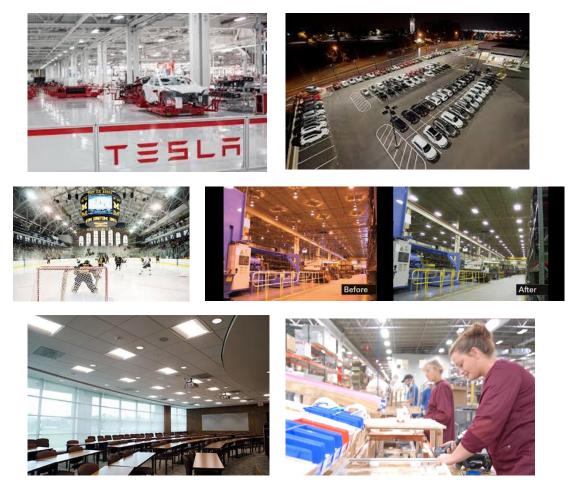
We build lighting systems targeted at retrofitting commercial, institutional, industrial, and parking structures with leading edge technology.

Energy efficient without compromise.

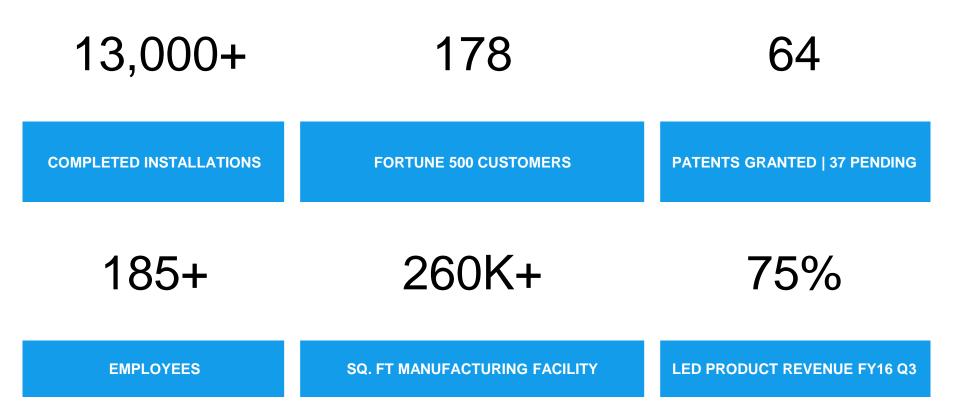


INVESTMENT HIGHLIGHTS

- Significant market opportunity
- Highest performing products in the world
- Long runway for growth
- Strong value proposition
- Improved performance

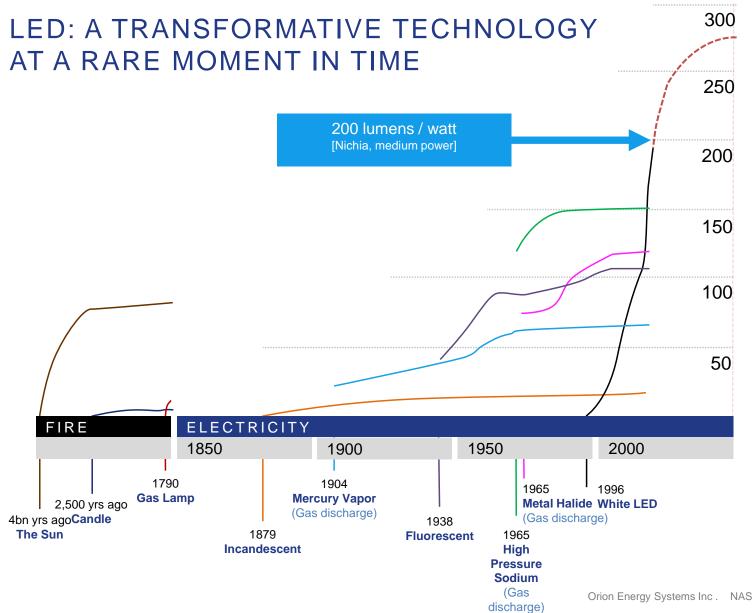


ORION AT A GLANCE



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HISTORY OF LIGHT



KNOWLEDGE LEADER

EXPERTISE DRIVES INNOVATION AND LEADERSHIP

The United States

UNIQUELY RETROFIT

- \$200B retrofit lighting market*
- Deep expertise in more than 12,000 projects

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of the United S

- Industry-leading breakthroughs
- 64 patents granted, 37 pending

MARKET LEADER

- Highest performing high bays
- Industry's first LED troffer retrofit

CORE PRODUCTS

A COMPLETE PORTFOLIO OF LED SOLUTIONS

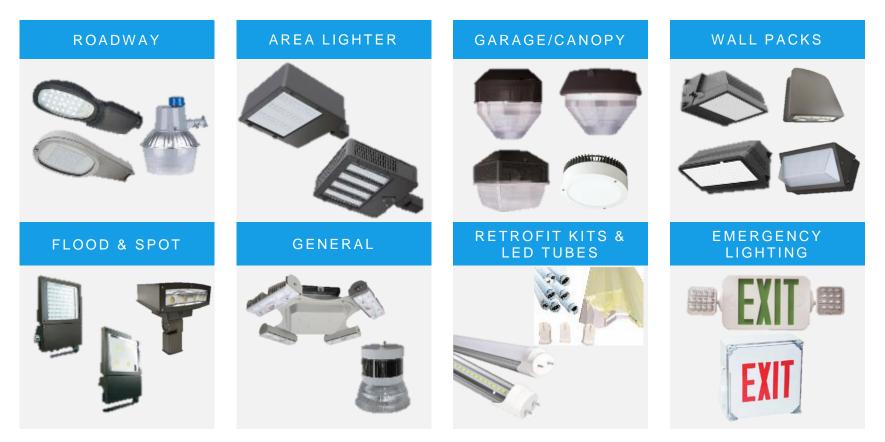
- Best performance in market, high ROI/IRR for customer ٠
- Optical efficiency and thermal management for greater performance (ISON[™] Class) ٠
- Modularity for simple and low-cost upgrades ٠

INDUSTRIAL		COMMERCIAL		EXTERIOR		
	ISON™ LED High Bay Series		APOLLO [®] LED Troffer Retrofit Suite	qui	ISON™ LED Area Light	
	ISON™ LED High Bay Cold Environment		APOLLO [®] Jetson LED Recessed Troffer	E.	ISON™ LED Wall Pack	
	APOLLO [®] LED High Bay Series		APOLLO [®] LED Suspended Slimline		APOLLO [®] LED Area Light	
	HARRIS LED High Bay HARRIS LED Vapor Tight Series		APOLLO [®] LED Stairwell Fixture		APOLLO [®] LED Wall Pack	
CONTROLS						
	3 rd Party	▲ InteLite.	Orion Proprietary InteLite®	Å	Integration Services	

HARRIS BRANDED LED LINE

A COMPLEMENTARY PORTFOLIO OF FILL OPTIONS

- Versatile and multi-purpose product line helps grow proposal topline value
- Targeting similar form factor HID fixtures
- Increases ability to provide comprehensive solutions



ORION OCTOBER 2015 LAUNCH



ISON™

up to 179 lumens per watt

APOLLO®

up to 152 lumens per watt

HARRIS

up to 148 lumens per watt

ORION HIGH BAY VS. MARKET TOP PERFORMERS

COMPETITORS



Orion Energy Systems, Inc . NASDAQ: OESX

WHY ORION?

THE BEST CUSTOMER EXPERIENCE IN THE INDUSTRY

GUARANTEED ENERGY SAVINGS

Reduces customer risk and shows confidence that Orion will stand behind claims

BETTER LIGHT WITH LESS ENERGY

Retrofit focus delivers products that maximize performance in existing conditions

CREATING CUSTOMER HEROES

Accountable ally who will reduce your costs, increase performance, and deliver projects faster without complications

TRUSTED AMERICAN PARTNER

Made in America products, clear warranties, 40 years retrofit experience with over 20,000 project installations and 178 Fortune 500 customers

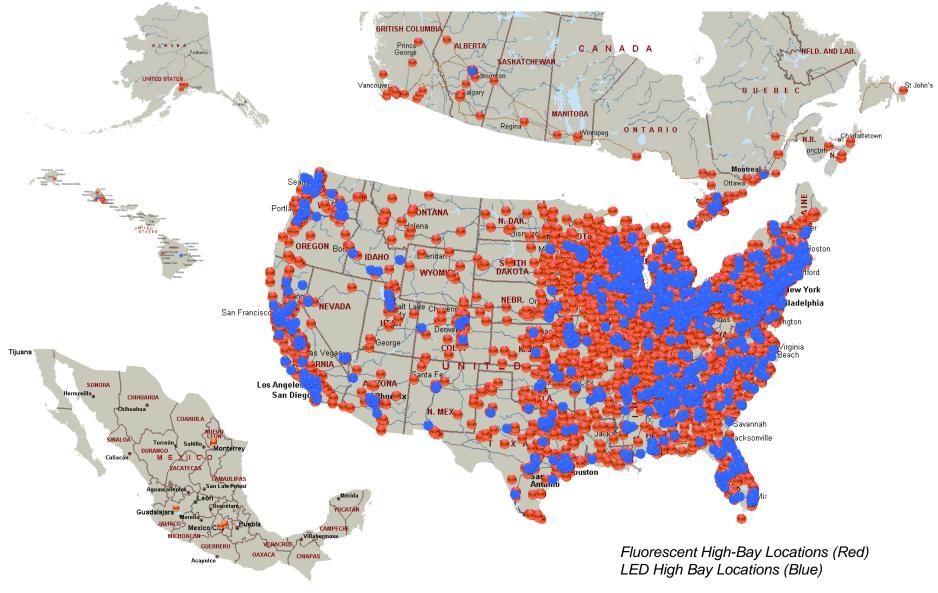
MORE CUSTOMER PROFITABILITY

Lower job-site costs, more light with less energy use, and less total project costs

3 PRODUCT VALUE PROPOSITIONS

- Lowest TCO (ISON)
- Best Value (Apollo)
- Low Up-front Cost (Harris)

HIGH BAY INSTALLED ESTIMATED REPLACEMENT VALUE | \$850M



<5% OF 12,000+ FACILITIES NATIONWIDE RETROFITTED WITH LED SOLUTIONS





6 Manufacturing Facilities, 723 Dealerships



178 Bottling and Sales Facilities

> ANHEUSER 2 BUSCH 107 Bottling and Distribution Facilities



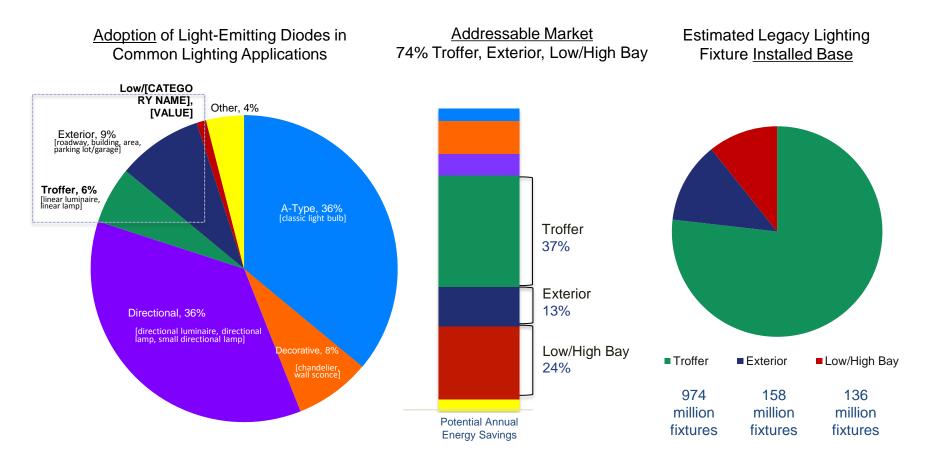
3,500+ Retail Facilities

Orion Energy Systems, Inc . NASDAQ: OESX

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END MARKETS

THE LARGEST POTENTIAL U.S. MARKETS ARE ALSO THE LEAST PENETRATED

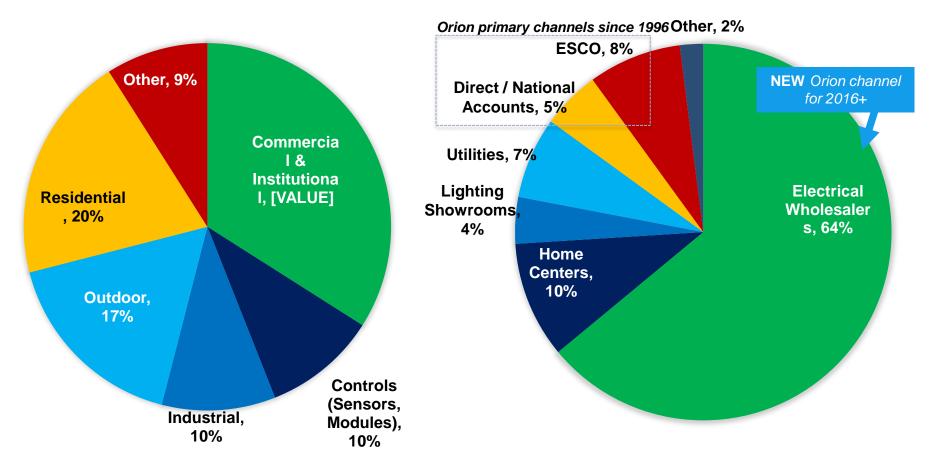


Source: United States Department of Energy, Adoption of Lighting-Emitting Diodes in Common Lighting Applications, July 2015; Source: http://energy.gov/sites/prod/files/2015/07/f24/led-adoption-report_2015.pdf

LED NORTH AMERICAN MARKET TO REACH \$30.5B IN 2016

LIGHTING APPLICATIONS

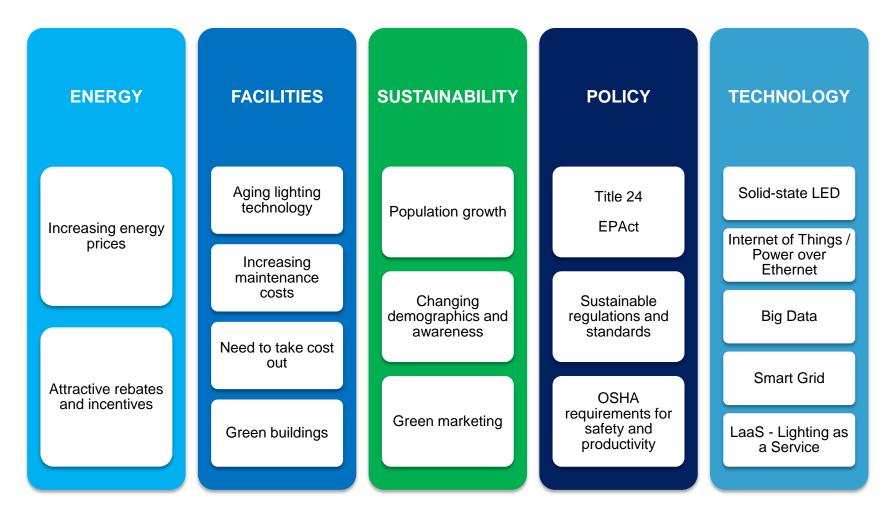
LIGHTING CHANNELS



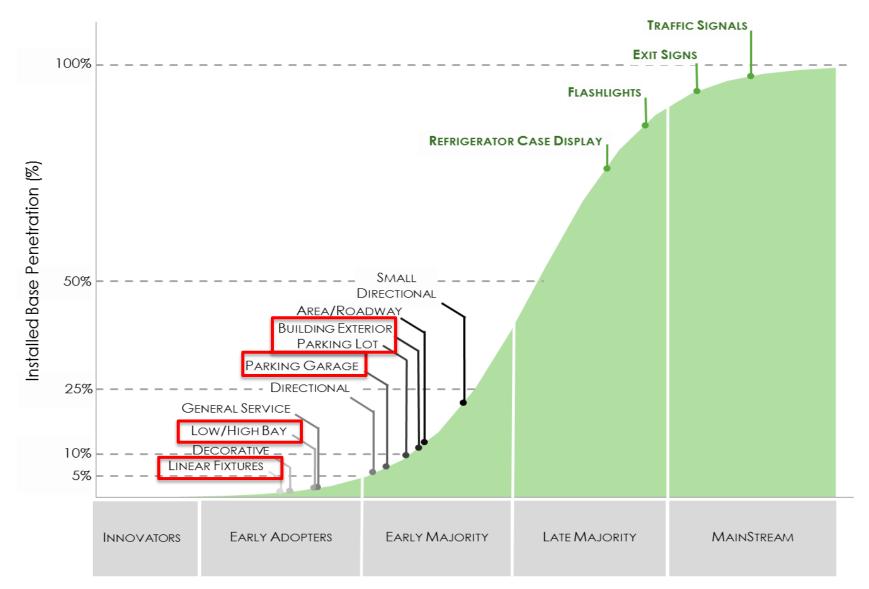
2016 Global LED Lighting Market Trends - LEDinside, Global Insight Construction, NEMA luminaires report, McGraw Hill Canadian Construction and company estimates

MARKET DYNAMICS

KEY MARKET DRIVERS



THE EVOLUTION OF ADOPTION: IT TAKES TIME



United States Department of Energy, *Adoption of Light-Emitting Diodes in Common Lighting Applications*, Washington, DC: United States Department of Energy, July 2015.

ACCELERATION OF INTELLIGENT LIGHTING

NEW TECHNOLOGY PARADIGM



Tech trends driving new thinking and applications
Power over Ethernet (PoE), LIFI, Internet of Things (IoT), Big Data



Connected buildings make each platform smarter

• Lighting, HVAC, security, inventory systems



Light fixtures are now IT devices

• Occupancy, retail interactions, motion detection, security, analytics, metering (bill for light you actually use)



Connected lighting yields new advances in controls

On/off controls > data collection sensors > occupant-optimized illumination
State regulations expediting implementation of smart controls



Network convergence accelerates lighting retrofit

 Removes the need for invasive rework, batteries, wired fixtures – much bigger opportunity than new construction

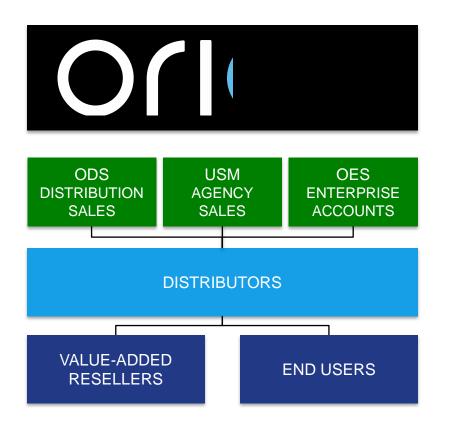
CASE STUDY: MANUFACTURING FACILITY, BROWNSVILLE TN RESULTS AUDITED BY TVA UTILITY AND LOCKHEED MARTIN

HID TO LED + CONTROLS | 215,000 SQ/FT

FIXTURE COUNT	Existing HID = 621 Orion LED = 598	
JOB COSTS	\$299,335.29	
ANNUAL KWH SAVINGS	4,349,726.85	A
ANNUAL SAVINGS	\$347,978.15 per year	
INCENTIVES	\$134,974.11	7
PAYBACK WITHOUT INCENTIVE	0.9 YEARS	
PAYBACK WITH INCENTIVES	0.5 YEARS	

GO-TO-MARKET

OPTIMIZING OUR SALES AND MARKETING STRUCTURE



- Employing a <u>unified approach</u> to sales and marketing
- Transitioning to more traditional manufacturer / distribution model to <u>boost growth</u>
- Orion will maintain an emphasis on strong <u>customer engagement</u>
- Continue to drive <u>end-user</u> <u>demand</u>
- Engage reseller network
 through more territory sales
 representatives and high-touch
 approach

OPERATIONAL EXCELLENCE



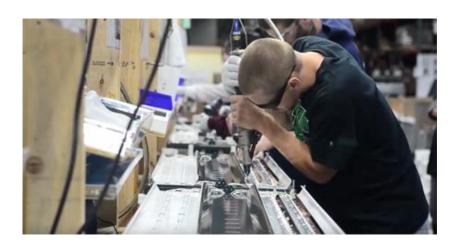
FINANCIAL

Gross Profit Margin

Operating Profit Margin

Free Cash Flow

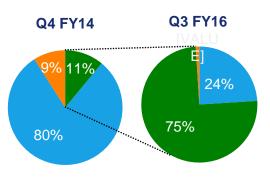




- "Lean" business systems
- Productivity
- Asset utilization
- Superior customer experience
- Rapid product development

ORION AT A GLANCE

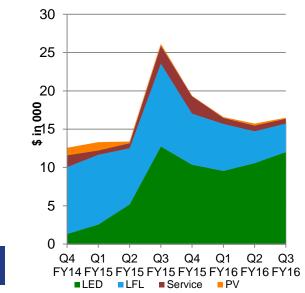
SALES BY PRODUCT (not including Harris)



INCREASING ADOPTION RATE IN LED

\$12.7

SALES BY PRODUCT QUARTERLY



LFL: Linear Fluorescent Lights

LED: Light Emitting Diode

PV: Solar Photovoltaic



Q4 FY14 Q1 FY15 Q2 FY15 Q3 FY15 Q4 FY15 Q1 FY16 Q2 FY16 Q3 FY16

\$32.2 million in	LED = 75% of total lighting
LED revenue YTD in FY16	product revenue in Q3 FY16

QUARTERLY SUMMARY

(\$ in millions)	FY15 – Q3	FY16 – Q3	QTR CHANGE <i>FAV (UNFAV)</i>	
Revenue	\$ 26.1	\$ 16.8	(35.9)%	
Gross Profit \$	\$ 3.8	\$ 4.7	23.1%	
Gross Margin %	14.6%	28.1%	92.5%	
Operating Expenses	\$ 8.5	\$ 6.7	21.5%	
Operating Income (Loss)	\$ (4.7)	\$ (1.9)	58.3%	
Net Income (Loss)	\$ (4.7)	\$ (2.0)	57.0%	
Earnings (Loss) per share	\$ (0.21)	\$ (0.07)	66.7%	
EBITDA*	\$ (3.7)	\$ (0.9)	75.0%	

FISCAL 2016 – THIRD QUARTER HIGHLIGHTS

- LED product sales reaches 75% of total sales
- Gross profit reaches \$4.7 million an increase of 23% over the prior period last year
- Gross margin of 28.1% highest in eight quarters

BALANCE SHEET AND CASH FLOW

(\$ in millions)	SH	ANCE IEET 3/31/15	SH	ANCE IEET 12/31/15	(\$ in millions)	NINE	SH FLOW E MONTHS NG 12/31/14	NINE	H FLOW MONTHS G 12/31/15
Cash	\$	20.0	\$	17.5	Net (loss) income	\$	(27.4)	\$	(9.3)
Total inventory	\$	14.3	\$	18.4	ITDA	\$	(3.2)	\$	(3.4)
	Ψ	1 110	Ŷ	1011	EBITDA*	\$	(12.0)	\$	(5.8)
Total current assets	\$	55.0	\$	51.1	Cash flow from operations	\$	(10.2)	\$	(3.3)
Total debt	\$	5.1	\$	6.5	·				
					Cash flow from investing	\$	(0.7)	\$	(0.3)
Total liabilities	\$	23.3	\$	23.9	Cash flow from financing	\$	(1.9)	\$	1.1
					Net cash flow	\$	(12.8)	\$	(2.5)

2016 ROADMAP AND GUIDANCE

FY 2016 GUIDANCE

REVENUE | relatively flat Y-O-Y growth GROSS MARGIN | significant Y-O-Y improvement, to low-twenties for FY GAAP EPS | continued improvement TTM EBITDA | profitability to trend positively

MARGIN

Manufacturing efficiency Supply chain Design Pricing

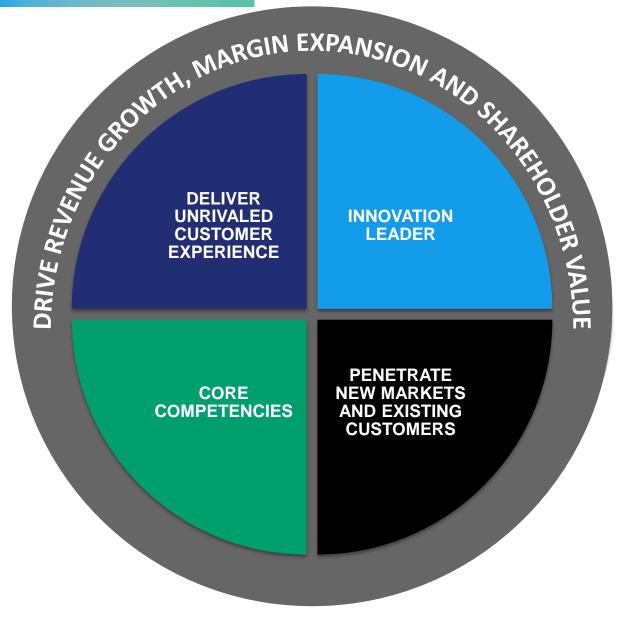
INNOVATION

Speed to market Lead industry performance Modular platforms Uniquely retrofit

DRIVE LED SALES

Focus on core competencies Leverage installed base Expand into new markets Channel strategy

LONG-TERM STRATEGY



STRONG GROWTH STRATEGY IN PLACE TARGET OPERATING MODEL

	TARGET	ASSUMPTIONS
Revenue	\$200M - \$250M	Distribution channel expansionNat'l accounts high-bay growth
LED % of Total Product Revenue	90%+	 Pace of customer LED adoption Company rationalization of fluorescent products Pace of new LED product expansions/launches
Gross Margin	36% - 40%	Variable cost modelNew products greater than 40% GP
Operating Margin	15% - 20%	 R&D growth investment Bonus / commission expense growth

Target represents management's objectives only and does not constitute a financial forecast or projection of future company performance. These management objectives are for the company's annual operating model after a period of approximately 3-5 years from current fiscal year.

Orion

THANK YOU!

CONTACT INFO Bill Hull bhull@oesx.com (312) 660-3575



APPENDIX

NON-GAAP RECONCILIATION

	THREE MONTHS ENDED		NINE MONTHS ENDED			
(\$ in millions)	QTR 12/31/14 GAAP	QTR 12/31/15 GAAP	QTR 12/31/14 GAAP	QTR 12/31/15 GAAP		
Revenue	\$ 26.1	\$ 16.8	\$ 52.8	\$ 49.1		
Gross Profit \$	\$ 3.8	\$ 4.7	\$ (4.1)	\$ 11.4		
Gross Margin %	14.6%	28.1%	(7.8)%	23.2%		
Operating Loss	\$ (4.7)	\$ (1.9)	\$ (15.2)*	\$ (9.1)		
Diluted Shares	21.9	27.7	21.8	27.6		
EPS	\$ (0.21)	\$ (0.07)	\$ (0.70)*	\$ (0.34)		
	EBITDA RECONCILIATION	EBITDA RECONCILIATION	EBITDA RECONCILIATION	EBITDA RECONCILIATION		
Operating Loss	\$ (4.7)	\$ (1.9)	\$ (15.2)*	\$ (9.1)		
Depreciation & Amortization	\$ 1.1	\$ 1.0	\$ 3.2	\$ 3.3		
Total EBITDA	\$ (3.6)	\$ (.9)	\$ (12.0)*	\$ (5.8)		
EBITDA %	(13.8%)	(5.4%)	(22.7%)*	(11.8%)		

* Elimination of \$12.1 impairment charges related to wireless controls

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