

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549

FORM 8-K

**CURRENT REPORT PURSUANT
TO SECTION 13 OR 15(D) OF THE
SECURITIES EXCHANGE ACT OF 1934**

Date of report (Date of earliest event reported) August 12, 2009

Nexus Lighting, Inc.

(Exact Name of Registrant as Specified in Its Charter)

Delaware

(State or Other Jurisdiction of Incorporation)

0-23590

(Commission File Number)

59-3046866

(IRS Employer Identification No.)

124 Floyd Smith Drive, Suite 300, Charlotte, North Carolina

(Address of Principal Executive Offices)

28262

(Zip Code)

(704) 405-0416

(Registrant's Telephone Number, Including Area Code)

N/A

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (*see* General Instruction A.2. below):

- ☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- ☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- ☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- ☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 7.01 Regulation FD Disclosure.

The information contained in this Current Report on Form 8-K, including the accompanying Exhibit 99.1, is being furnished pursuant to Item 7.01 of Form 8-K and shall not be deemed to be “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), or otherwise subject to the liability of that section. The information contained in this Current Report on Form 8-K, including the accompanying Exhibit 99.1, shall not be incorporated by reference into any filing under the Securities Act of 1933, as amended, or the Exchange Act, whether made before or after the date hereof, except as shall be expressly set forth by specific reference in such a filing.

On August 12, 2009, Nexxus Lighting, Inc. will give a presentation at Canaccord Adams’ 29th Annual Global Growth Conference. The presentation will be available by live webcast at: <http://www.wsw.com/webcast/canaccord/>

The text of the material accompanying the presentation is furnished herewith as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.**(d) Exhibits**

<u>Exhibit No.</u>	<u>Description</u>
99.1	Text of Presentation Material (furnished pursuant to Item 7.01).

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

August 12, 2009

NEXXUS LIGHTING, INC.

/s/ Michael A. Bauer

Name: Michael A. Bauer

Title: President and Chief Executive Officer

EXHIBIT INDEX

Exhibit Number	Description
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August 2009

Safe Harbor Statement

Certain statements contained in this presentation are forward-looking statements that involve a number of risks and uncertainties. Such forward-looking statements are within the meaning of that term in Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Reference is made to Nexxus Lighting's filings under the Securities Exchange Act for factors that could cause actual results to differ materially. Nexxus Lighting undertakes no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events, or otherwise. Readers are cautioned that any such forward-looking statements are not guarantees of future performance and involve risks and uncertainties, and that actual results may differ materially from those indicated in the forward-looking statements as a result of various factors. Readers are cautioned not to place undue reliance on these forward-looking statements.

Company Overview

A leading provider of advanced lighting solutions, including LED lighting and fiber optic lighting



Corporate Facts

- Headquartered in Charlotte, NC
- 65 employees
- 2008 40% Growth
 - Revenue of \$14.2m, vs. \$10.2m in 2007
- 30 issued, 40 pending patents
- Distribution:
 - North America:
 - 100 commercial lighting agencies
 - International:
 - 42 distributors serving 35 countries

Focus

Markets

- Commercial / Architectural
- Retrofit / Energy Saving Renovations
- Sign Lighting
- Pool and spa lighting

Technology

- High volume white light
- High performance color lighting
- Specialty white light

Broad, Innovative Portfolio



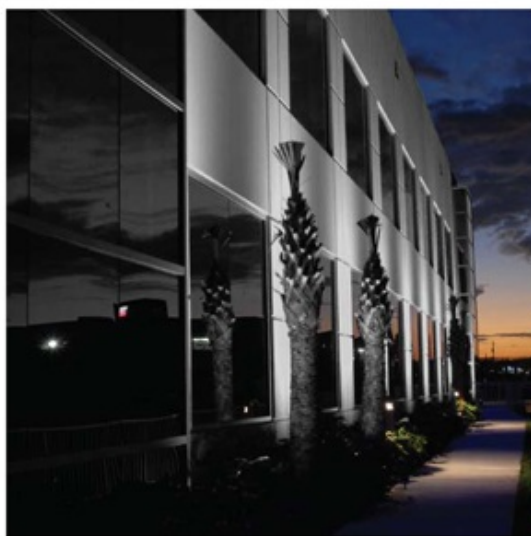
Representative Applications / Installations



Representative Applications / Installations



Representative Applications / Installations



Key Industry Trends

- Technology innovation / declining LED costs driving demand
 - Lighting Industry is embracing LED as the next great light source
 - LightFair 2009 – “The Great Awakening”
- Energy efficiency and regulatory influence
 - Lighting is the single largest Electrical Load in the US
 - California Lighting Technology Center
 - Stimulus Act of 2009 provides \$16.8 billion for DOE programs to promote energy efficiency
 - 2007 U.S. Energy Act: All new bulbs must use 25% to 30% less energy than incandescent starting in 2012
 - Time of Use Rate Structures & Critical Peak Pricing by Utilities will dramatically increase the costs of energy as demand on our existing energy load continues to rise
 - SDGE Tariff for Critical Peak Pricing Days can exceed \$1.0 /KWH!
 - The largest opportunity for customers is to conserve
 - Largest opportunity for conservations is LED lighting

Nexxus Advantage

- 30 Issued Patents – 40 Combined Patents Pending Globally
- Superior Design and Thermal Management
- Selective Heat Sink[™] (SHS) method and a large array of low current / high efficacy LEDs
 - Enables achievement of unmatched performance in a much smaller package
- LED trade secrets
 - Array die and phosphor package design
 - Line voltage and dimming control programming
 - Assembly methodology

Array 2009 Product Family Launch



Array Lighting
Official Launch Announcement



Superior Design and Performance

Selective Heat Sink Technology

Array lamps have been designed and engineered to utilize patent pending, Selective Heat Sink Technology™ (SHS), a ground breaking approach to thermal management. Correct thermal management is a key factor in creating a high quality LED lamp and we have addressed this in a unique way so as to maximize lamp life and ensure consistent color quality. No longer will quality of light be sacrificed to appease sustainability demands.

- 
Selective Heat Sink Technology. Metal rods are placed at key junction points where LEDs are connected to the circuit board maximizing lamp life, and ensuring consistent color quality for the rated 50,000 hours.
- 
Dimmability. Array LED lamps have unique dimming circuitry which allows them to dim smoothly from 100% to 10% on most standard commercial dimmers.
- 
Color Consistency. Array LED lamps utilize an array of high efficacy, low power LEDs to create a smooth layering of color with unmatched color consistency.
- 
Recycled Plastic Housings. SHS Technology allows Array lamp housings to be made from Bayer MaterialScience, Bayblend recycled plastic resin. 
- 
Lightweight. Injected molded, recycled plastic lamp housings and minimal metal content make Array LED lamps the lightest weight LED lamps on the market.
- 
Automated Production. High standards of consistency due to an automated manufacturing process, which includes no hand soldering or screws in the design.
- 
Traditional Lamp Sizes. Array lamps are designed as a direct replacement for standard incandescent lamps. Simply remove your existing lamp and replace it with our state of the art, Array LED lamp.





Array Lighting Advantage

- Highest efficacy LED lamp in the market
- 20% more lumens per watt than competitive products
- 75% maintained vs. initial lumens at 50,000 hours
- Lightest weight LED lamp line in the industry
 - No large, clunky aluminum heat sinks, fins or housing
- Automated manufacturing
 - No hand soldering / screws
- All lamp types dimmable on standard commercial dimmers



Array PAR30
8.0 Watt or 6.0 Watt



Array MR16
3.0 Watt



Array GU10
3.0 Watt



Array PAR16
3.0 Watt



Array G4
1.2 Watt

Summer 2009 Introductions

- 230V 50 Hz Par 30-7 Offering
- Par 30-7 25° Beam Spread Narrow Optics
- MR16 / Par 16 25° Beam Spread Narrow Optics



Target Industry Case Studies – Speaking Their Language

Restaurant Industry • Array

Energy savings à la carte.

On average, restaurant owners spend 4 percent of their gross revenue on energy costs and only 4 percent of gross revenue becomes profit. Lighting energy usage accounts for 19% of all energy costs. Replacing incandescent lamps with Array LED Lamps will reduce lighting costs by 86 percent thus increasing profit from 4.0 to 4.8 percent of revenue, which translates to a 15% increase in profit.

Array LED Lamps not only save energy, but the lamps last much longer, leading to a significant savings on maintenance costs. If one restaurant were to replace 75 PAR30 75 watt incandescent recessed down lights with the Array 7.8 watt PAR30 the restaurant would save more than \$1800 per year. The Array LED PAR30 is available in 3000K warm white which produces a warm color tone similar to that of incandescent lamps, 5000K natural white, and 6500K cool white. Array LED lamps are dimmable giving you complete control over the look and feel of the dining experience which extends the lamp life while reducing energy costs even further.

On average restaurants operate 16 - 20 hours a day. Retrofitting a restaurant that operates 16 hours per day with Array LED Lamps would result in a return on investment of 466% over the expected Array lamp life of 7.6 years.

Environmental Advantage.

Another significant advantage of Array LED lamps compared to incandescent and CFL lamps is that they create a minimal carbon footprint. If each of the over 945,000 restaurants in the United States replaced only one 75 watt incandescent PAR30 lamp with an Array 7.8 watt PAR30 LED lamp, 607,890,000 pounds of CO₂ emissions could be avoided each year. A decrease of 607,890,000 pounds of CO₂ is equivalent to 52,600 trees planted or 50,500 cars taken off the road per year.

It is also important to note that LED lamps are well suited for food preparation areas. Unlike CFLs, Array LED lamps contain absolutely no mercury and have no breakable parts.

Increase your profit by 15%

Lighting Energy Costs

Reduction: 86% (from 19% to 2.7%)

EBITA

Profit Increase: 15% (from 4.0% to 4.8%)

Energy Consumption

Lighting: 19% (reduced to 2.7%)

Other Company: 1%

HVAC: 1%

Refrigeration: 1%

Energy consumed by lighting accounts for 19% of energy costs.

Array (CFL) Array Lamps contain no mercury and no breakable parts which makes them ideal for food prep areas.

Restaurant Case Study

The following case study is based on a typical restaurant layout with 2600 square feet. Energy costs are equivalent to US Averages of 9.35 cents per kWh, restaurant operating hours of 16 hours a day/400 hours per year and a 40 cent re-lamping maintenance cost per lamp. The restaurant is equipped with (9) 2x4 T8 fluorescent fixtures, (2) 1x4 T8 fluorescent fixtures, and the restaurant has been retrofitted with (81) 7.8W Array PAR30 track mounted lamps and (44) 7.8W Array PAR30 recessed down lights in exchange for (125) 75W Halogen PAR30 lamps.

Old Lighting System - 75W Halogen PAR30 Lamps

Restaurant/Gross Revenue	\$888,000
Re-lamping Costs	\$10,000
Lighting Energy Costs	\$5,796
Operating Lighting Mortgage	\$1,000
Utilities	\$10,000

New Lighting System - 7.8W Array PAR30 Lamps

Restaurant/Gross Revenue	\$888,000
Re-lamping Costs	\$1,000
Lighting Energy Costs	\$734
Operating Lighting Mortgage	\$1,000
Utilities	\$10,000

EPA Act 2005 Savings

Building owners can reduce operating costs and increase profitability and competitiveness by investing in the highest levels of energy-efficient lighting—now with the added benefit of deducting up to the entire expense of new interior lighting in the tax year that it is placed in service. Ask an Array representative today for detailed information on how you can take advantage of EPA's tax credits and how much you can expect to qualify for.

15% Increase in Profit

By retrofitting the interior lighting system with (125) 7.8 watt Array LED PAR30 lamps an 81.3% reduction in lighting energy costs can be observed as well as a reduction in overall energy costs of 15%.

In the above scenario, you will experience a 15% increase in profit, the equivalent to a 15% increase in sales (\$137,000) after just one year.

Building System Savings

Building System Savings	260 sq. ft.
Energy Payback (EPA Act 2005)	1.2 years
New/Existing Lighting Payback	1.0 years
Lighting/Power Density (W/sq. ft.)	26 W/sq. ft.
Power usage reduction (%)	15%
Reduction per square foot	\$1.50
Total Reduction for Restaurant	\$1,500.00

Case Summary

Payback and Lifetime Savings

Payback period: 1.2 years

Lifetime savings: \$137,000

The total initial investment is \$10,000, with an annual total savings of \$2,000 and the payback period is only 1.2 years. Over 7.6 years the total savings is \$15,200, which reduces lighting energy usage by 86%.

Total Cost of Ownership

Old System: \$10,000

New System: \$1,000

The total cost of ownership for the Old System (CFL) is \$10,000, while the Array LED lamps total cost of ownership is \$1,000, a total savings of \$9,000.

Total Operating Mortgage

Old System: \$1,000

New System: \$1,000

Bottom Line Profit Improvement

Hotel Industry + Array

Five Star Energy Savings.

The hotel industry is the third largest industry in the United States, and there are a total of 49,000 hotel properties and 4,476,000 guest rooms in the US alone. Lighting fixtures in hotel rooms, lobbies, conference rooms, elevators, hallways and stairwells can contribute greatly to overall building energy use. The majority of hotels within the United States continue to utilize incandescent lamps, greatly increasing operating costs and reducing net operating income significantly.

The average US hotel consumes 23 percent of all energy by interior lighting. By utilizing Array LED Lamps in accent and down-lighting applications, this percentage can be significantly reduced. Array LED lamps also help facilitate in reducing monthly kilowatt demand charges which may be incurred. These can range from a few dollars to more than \$20 giving you added savings immediately.

Real 2009-10 Hotel Industry Statistics	
Revenue per Available Room	\$115.45
Occupancy Rate	86.4%
Industry Average Profit Margin	23%

Source: Smith Travel Research

In the past few years the hotel industry has seen a reduction in occupancy rates, average profit margin, and revenue per available room. By retrofitting a typical 112 room hotel with Array LED Lamps you can reduce lighting costs by 50% and increase net operating income by 2%.

Reduce Maintenance Costs.

Array LED Lamps not only save energy but the lamps last much longer meaning a significant savings on maintenance costs. Incandescent lamps are rated to last 1,000 hours, while CFLs on average last up to 8,000 hours. In contrast, Array LED Lamps have a rated life of 50,000 hours. Retrofit your facility today to start seeing maintenance savings immediately.

LAMPS REQUIRED OVER 17 YEARS (without replacement)		
LED/Lamp Type	Rated Life	Lamps Required
Array LED	50,000 hours	1 Lamp
Standard CFL	8,000 hours	7 Lamps
Standard Incandescent	1,000 hours	50 Lamps

Hotel Case Study

The following case study is based on a typical hotel layout including an entrance lobby and seven floors with 16 rooms located on each floor. Energy costs are equivalent to US Average of 9.55 cents per kWh. Lobby, elevator, and hallway operating hours of 24 hours a day/1680 hours per year, room operating hours of 8 hours a day/2000 hours per year and a 40 cent replacement cost per lamp. The hotel is equipped with (14) Standard Wallpacks, (336) 60 Watt '9" lamps, (224) 100 Watt Table lamps, and the hotel has been retrofitted with (135) 7.8 Watt Array PAR30 lamps, (348) 5.5 Watt Array PAR30 lamps and (474) 3.3 Watt Array MR16 lamps, in exchange for 75 Watt Halogen PAR30 lamps, 50 Watt Halogen PAR30 lamps, and 35 Watt Halogen MR16 lamps, respectively.

Lighting Energy Costs

Lighting Energy Costs

A 10% reduction in lighting energy usage equates to a 2% increase in EBITDA.

Energy Consumption

Energy consumed by interior lighting accounts for 23% of overall hotel energy costs.

Case Summary

Array Payback Period

Array Lamp	Operation	24hr/yr
Array 3.3 Watt MR16	8 hours/Day	112 hrs/yr
Array 5.5 Watt PAR30	24 hours/Day	2,176 hrs/yr
Array 7.8 Watt PAR30	24 hours/Day	2,176 hrs/yr
Array 12 Watt PAR30	24 hours/Day	2,176 hrs/yr
Array 17 Watt PAR30	24 hours/Day	2,176 hrs/yr

Depending on the hourly operation of each individual lighting fixture, the total savings is \$293,302 over the 17 year payback period, while 24 hour applications last a 60 year payback period.

Total Cost of Ownership

Category	Incandescent	Array Lamps
Energy Costs	\$148,000	\$148,000
Maintenance Costs	\$148,000	\$148,000
Lamp Costs	\$148,000	\$148,000
Total Cost of Ownership	\$444,000	\$444,000

Peak Lighting Wattage

Category	Incandescent	Array Lamps
Energy Costs	\$148,000	\$148,000
Maintenance Costs	\$148,000	\$148,000
Lamp Costs	\$148,000	\$148,000
Total Cost of Ownership	\$444,000	\$444,000

\$293K Lifetime Savings

By integrating Array LED Lamps into the existing hotel lighting system the hotel experiences a savings of \$293,302, equivalent to an \$5,011,305 increase in revenue over the lifetime of the Array LED Lamps. In this scenario, the hotel not only reduces its lighting energy costs by 45% but also reduces its peak wattage use by 45%.

Lifetime Lighting Savings Equivalency to Revenue

\$293,302 Lighting Savings = \$5,011,305 Increase in Revenue

In Terms the Customer Understands



Retail Industry + Array

Display Your Savings.

The Retail Industry is the second largest industry in the United States, with total retail sales for 2008 weighed in at \$3.8 trillion. The retail industry spends approximately \$20 billion per year on energy according to the Department of Energy. Every dollar saved on energy is pure profit, so replace your incandescent lamps with Array LED lamps today to easily reduce your energy costs and increase your bottom line.

Energy is the largest expense for a retailer after payroll, so even a one percent reduction in energy consumption can have a significant impact on your bottom line. Energy Star states that a 10 percent reduction in energy costs can increase profit margins by 1.55 percent. Within a retail environment, on average 37% of energy costs are directly related to lighting. Replacing incandescent lamps with Array LED Lamps can reduce lighting energy costs by 80% correlating to a 5% overall increase in profit for your facility.

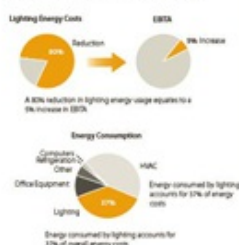
In addition to pure cost savings, a lighting retrofit can improve the work environment and provide your organization the opportunity to make your commitment to sustainability and the environment.

Best of Both Worlds.

Quality of light doesn't have to be sacrificed in order to be energy efficient when you retrofit your facility with Array LED lamps. Designers and retail owners can feel confident that they are installing a high-quality light source with high-quality color rendering. It truly is the best of both worlds.

Through our unique design, Array LED lamps utilize an array of high efficacy, low power LEDs which create a smooth, toasty of color making your products the center of attention. Array LED lamps come in a variety of color temperatures including warm white (3000K), natural white (3500K) and cool white (5000K). Our automated manufacturing process ensures all Array lamps will have best in class, lamp to lamp color consistency.

Increase your profit by 5%



Designers and retail owners can feel confident that they are installing a high-quality light source with high-quality color rendering. It truly is the best of both worlds.



Retail Case Study

The following case study is based on a typical retail store layout with 1170 square feet. Energy costs are equivalent to US averages of 9.95 cents per kWh, retail operating hours of 18 hours a day/552 hours per year and a 45 cent re-lamping maintenance cost per lamp. The store is equipped with 90, 2x4 18 Watt incandescent fixtures, and has been retrofitted with 852 7.8W Array PAR30 lamps track mounted and 42 7.8W Array PAR30 recessed down lights in exchange for 1100 75W Halogen PAR30 lamps.

Lamp	Incandescent PAR30	Array LED PAR30
Wattage	75 watts	7.8 watts
Color (CRI)	90CRI	90CRI
Lumen/Watt	11 Lumen/Watt	100 Lumen/Watt
LifeSpan	1,000 Hours	70,000 hours
Weight	1.0 lb	0.1 lb



Less is More

In the scenario above, retrofitting your store with Array LED lamps will result in a total operating wattage reduction of 6,922 watts or 81.5%. This reduction in operating wattage would be like reducing the number of 75W Halogen PAR30 lamps in use from 1105 to 11. Factor in maintenance savings and your total cost of ownership savings is \$47,886.

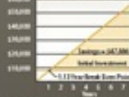
EPAct 2005 Savings

Building owners can reduce operating costs and increase profitability and competitiveness by investing in the highest levels of energy efficient lighting—now with the added benefit of deducting up to the entire expense of new interior lighting in the tax year that it is placed in service. Ask an Array representative today for detailed information on how you can take advantage of EPAct tax credits and how much you can expect to qualify for.

Building Square Footage	1170 sq. ft.
Fixed A/C/HRG (Btu) (FPM)	122,700
New Operating Lighting Wattage	1,071 watts
Lighting Fixture Quantity (852 7.8W)	261 FPM
Percentage below ASHRAE 90.1	47%
Deduction per square foot	\$560
Total Deduction for Restaurant	\$1,492,200

Case Summary

Array Payback and Savings

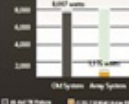


Total Cost of Ownership



The total cost of ownership for the 75W Halogen is \$10,200 while the Array 7.8W lamps total cost of ownership is \$10,200, a total savings of \$47,886.

Total Operating Wattage



The Results Speak For Themselves









The Industry is Taking Note



Nexxus Growth Strategy

- **Rapidly Ramp New Array Lighting Brand**
 - Broad Praise at LightFair 2009 – May
 - NY Times and AP Coverage
 - Growing Pipeline of RFQ / National Account Opportunities
 - On-Line Distribution Expansion
 - New Narrow Optics – Available Now
- **Expand White Light LED Product Portfolio**
 - Continued R&D and New Product Development of Selective Heat Sink Technology
 - New Lumificient Products – Hyperion Accent / R2 Series
 - Detailed Product Road Map for 2009-2010
- **Capitalize on the Opportunities in our Target Markets**
 - Retail / Hospitality (Hotels / Casinos) / Restaurants
 - ESCO's / Utilities / Municipalities

