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

Nexxus Lighting, Inc.

(Exact Name of Registrant as Specified in Its Charter)

Delaware
(State or Other Jurisdiction of Incorporation)

0-23590	**59-3046866**
(Commission File Number)	**(IRS Employer Identification No.)**
124 Floyd Smith Drive, Suite 300, Charlotte, North Carolina	**28262**
(Address of Principal Executive Offices)	**(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

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

NEXXUS™ LIGHTING

August 2009

CONNECTING ADVANCED TECHNOLOGY WITH LIGHT NEXXUS LIGHTING

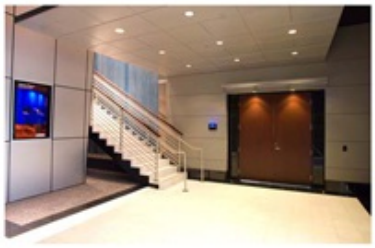
Safe Harbor Statement

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.

CONNECTING ADVANCED TECHNOLOGY WITH LIGHT NEXXUS LIGHTING

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

CONNECTING ADVANCED TECHNOLOGY WITH LIGHT NEXXUS LIGHTING

Broad, Innovative Portfolio

CONNECTING ADVANCED TECHNOLOGY WITH LIGHT NEXXUS LIGHTING

Representative Applications / Installations

NEXXUS LIGHTING

CONNECTING ADVANCED TECHNOLOGY WITH LIGHT

Representative Applications / Installations

CONNECTING ADVANCED TECHNOLOGY WITH LIGHT NEXXUS LIGHTING

Representative Applications / Installations

CONNECTING ADVANCED TECHNOLOGY WITH LIGHT NEXXUS LIGHTING

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

CONNECTING ADVANCED TECHNOLOGY WITH LIGHT

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

CONNECTING ADVANCED TECHNOLOGY WITH LIGHT NEXXUS LIGHTING

Array 2009 Product Family Launch

Array Lighting

Official Launch Announcement

CONNECTING ADVANCED TECHNOLOGY WITH LIGHT NEXXUS LIGHTING

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 LED's 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's 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 PAR30

CONNECTING ADVANCED TECHNOLOGY WITH LIGHT NEXXUS LIGHTING

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

CONNECTING ADVANCED TECHNOLOGY WITH LIGHT NEXXUS LIGHTING

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

CONNECTING ADVANCED TECHNOLOGY WITH LIGHT NEXXUS LIGHTING

Target Industry Case Studies – Speaking Their Language

CONNECTING ADVANCED TECHNOLOGY WITH LIGHT

NEXXUS LIGHTING

Bottom Line Profit Improvement

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.

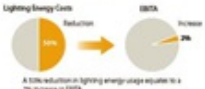
The average US hotel consumes 23 percent of all energy by interior lighting. By utilizing Array LED Lamps in accent and down lighting applications, this percentage can be significantly reduced. Array LED lamps also help facilitate in reducing monthly kilowatt demand charges which may be incurred. These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

April 2009 US Hotel Industry Snapshot	
Revenue per Available Room	$93.68
Occupancy Rate	56.4%
Industry Average Profit Margin	29%

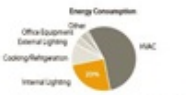
Source: Smith Travel Research

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%.

Increase your profit by 2%



A 50% reduction in lighting energy usage equates to a 2% increase in EBITA



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

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 2,000 hours, while CFL's 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 5.7 YEARS (24 Hr/day applications)

PAR30 Lamp Type	Rated Life	Lamps Required
Array LED	50,000 hours	1 Lamp
Typical CFL	8,000 hours	7 Lamps
Typical Incandescent	2,000 hours	25 Lamps

Lighting fixtures in hotel rooms, lobbies, conference rooms, elevators, hallways and stairwells can contribute greatly to overall building energy use

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 Averages of 9.95 cents per kWh. Lobby, elevators, and hallway operating hours of 24 hours a day/8760 hours per year, room operating hours of 8 hours a day/2920 hours per year and a 45 cent re-lamping maintenance cost per lamp. The hotel is equipped with (14) Stairwell Wallpacks, (336) 60 Watt 'A' lamps, (224) 100 Watt Table lamps, and the hotel has been retrofitted with (136) 7.8 Watt Array PAR30 lamps, (346) 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.

Lamp	Halogen PAR30	Array LED PAR30
Wattage	75 watts	7.8 watts
Color (kNVD)	3000K	3000K
Lumens/Watt	17 lumens/watt	70 lumens/watt
Lifetime	2,000 hours	50,000 hours
Weight	9 oz	6.8 oz

Lamp	Halogen PAR30	Array LED PAR30
Wattage	50 watts	5.5 watts
Color (kNVD)	3000K	3000K
Lumens/Watt	17 lumens/watt	65 lumens/watt
Lifetime	2,000 hours	50,000 hours
Weight	9 oz	6.8 oz

Lamp	Halogen MR16	Array LED MR16
Wattage	35 watts	3.3 watts
Color (kNVD)	3000K	3000K
Lumens/Watt	17 lumens/watt	70 lumens/watt
Lifetime	2,000 hours	50,000 hours
Weight	4 oz	1.2 oz

Array Lamp	Operation	Lamps	Savings
Array 3.3 Watt MR16	8 Hours/Day	336	$87,072
Array 3.3 Watt MR16	24 Hours/Day	138	$35,867
Array 5.5 Watt PAR30	8 Hours/Day	336	$108,774
Array 5.5 Watt PAR30	24 Hours/Day	50	$5,265
Array 7.8 Watt PAR30	8 Hours/Day	112	$46,980
Array 7.8 Watt PAR30	24 Hours/Day	24	$10,067
		Total Savings	$293,025

$293K Lifetime Savings

By integrating Array LED Lamps into the existing hotel lighting system the hotel experiences a savings of $293,202, equivalent to an $1,011,313 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

Case Summary

Array Payback Period

Array Lamp	Operation	Payback
Array 3.3 Watt MR16	8 Hours/Day	2.7 Years
Array 3.3 Watt MR16	24 Hours/Day	0.7 Years
Array 5.5 Watt PAR30	8 Hours/Day	2.6 Years
Array 5.5 Watt PAR30	24 Hours/Day	0.8 Years
Array 7.8 Watt PAR30	8 Hours/Day	2.7 Years
Array 7.8 Watt PAR30	24 Hours/Day	0.8 Years

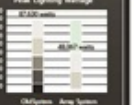
Depending on the hourly operation of each installation payback periods differ, but on average 8 hour installations have a 2.8 year payback period, while 24 hour applications have a 0.8 year payback period.

Total Cost of Ownership

Energy Costs
Lamp Costs
Maintenance Costs
Savings ($293,202)

Total cost of ownership for the halogen lamps is $1,681,839 while the Array LED Lamps' total cost of ownership is $817,637 a total savings of $293,202.

Peak Lighting Wattage



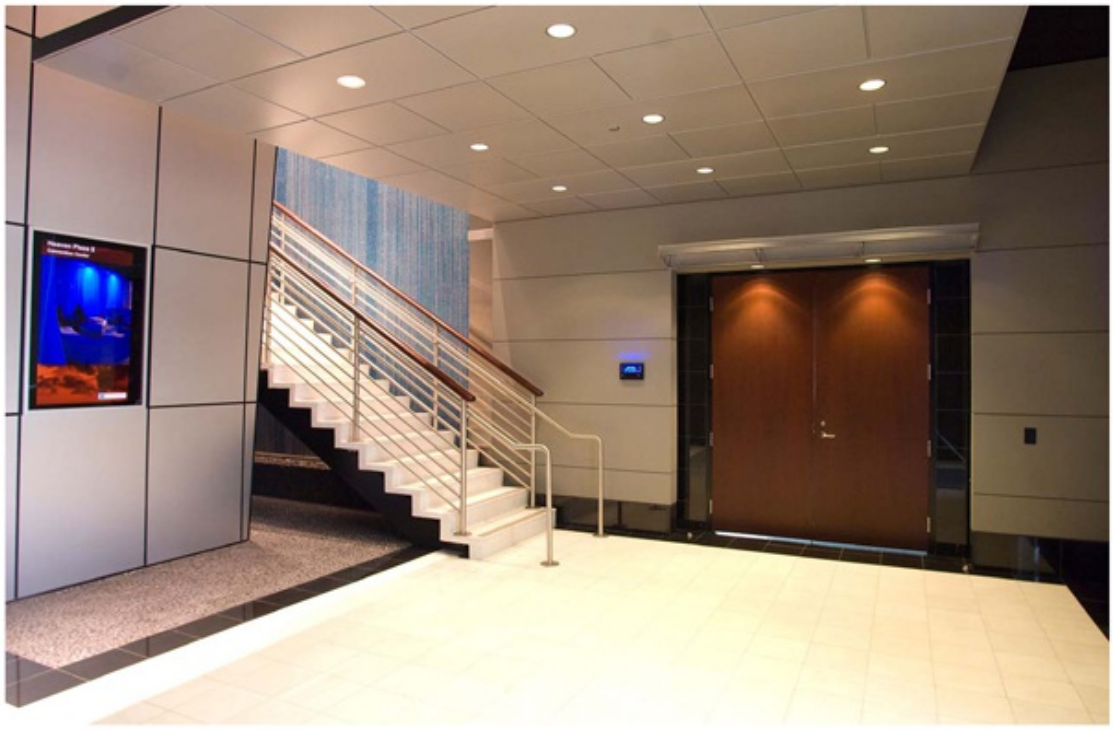
Old System
Array System

(196) 75 Watt PAR30
(196) 7.8 Watt Array PAR30
(474) 35 Watt MR16
(474) 3.3 Watt Array MR16
(346) 50 Watt PAR30
(346) 5.5 Watt Array PAR30
(14) 75 Watt Wallpack
Savings (70.5kW / 44%/45%)
(336) 60 Watt A Lamp
(224) 100 Watt Table Lamp

In Terms the Customer Understands

CONNECTING ADVANCED TECHNOLOGY WITH LIGHT NEXXUS LIGHTING

The Results Speak For Themselves



CONNECTING ADVANCED TECHNOLOGY WITH LIGHT NEXXUS LIGHTING

The Industry is Taking Note

CONNECTING ADVANCED TECHNOLOGY WITH LIGHT NEXXUS LIGHTING

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

NEXXUS™
LIGHTING