

SESSION SUMMARY

Session Title:	Transforming the Patient Experience with Intelligent Light
Abbreviated (Tagline) Title:	McLaren Health Care Case Study
Session Length (Multiple can be selected):	60 Minute Session 90 Minute Session
Session Level:	Foundational
Pre-Requisites:	None
Track (Multiple can be selected):	Inspiration Intelligent Lighting and Connectivity
Teaching Method:	Panel
Target Audience (Multiple can be selected):	Architect / Interior Designer / Landscape Lighting Designer / Engineer Manufacturer / Sales Representative Sustainability Officer Owner / Facility Manager / End User / IT Manager Healthcare Sector Contractor / Distributor Integrator / Aggregator
A/V Needs:	Standard equipment is fine.

SESSION DESCRIPTION

Short Course Description (250 Max Char): Healthcare settings pose unique challenges for design and implementation. Hear directly from the end user how McLaren Health Care implemented intelligent lighting system-wide providing patients of Michigan the best experience and saving \$1.6M yearly.

Long Course Description (650 Max Char): McLaren Health Care is a fully integrated healthcare network serving the state of Michigan, made up of over 350 facilities including 12 hospitals. McLaren recently upgraded to intelligent LED lighting from Cree across their 5-million sqft. system to support better patient experiences, improve safety and security, sustainability, and provide a modernized environment for patients and staff alike – all to the tune of \$1.6M in annual savings.

This panel provides an in depth look at the project, from consideration through to post-implementation, directly from the perspectives of the end customer, the turnkey implementer, and the manufacturer.

- Learning Objective #1 (200 Max Char):** Hear first-hand from the end-customer about the unique regulations and environments found within hospitals which pose challenges to lighting manufacturers, designers, and specifiers alike.
- Learning Objective #2 (200 Max Char):** Hear first-hand from both the end-customer and implementer all of the considerations, and ultimately, the solutions that go into a successful large-scale intelligent LED lighting upgrade.
- Learning Objective #3 (200 Max Char):** Learn about the evolution of better light in healthcare applications including a review of the latest research on lighting's impact on patient experience, productivity, and HCAHPS ratings.
- Learning Objective #4 (200 Max Char):** Learn how intelligent lighting systems open the doors to many operational benefits that affect the bottom line and the safety and comfort of employees and patients in healthcare facilities.

SPEAKER INFORMATION #1

Role: Moderator
Name: John Casadonte
Company: Cree, Inc.
Job Title: Product Marketing Manager
Address: 4600 Silicon Drive Durham, NC 27703
Daytime Phone: 919-407-4225
Cell Phone: 919-608-0888
Email: john.casadonte@cree.com

Bio (200 Max Words): John Casadonte is a Product Marketing Manager at Cree, a market-leading innovator of lighting-class LEDs, LED lighting, and semiconductor solutions. With over 20 years of technology marketing experience, John leverages his knowledge and understanding of vertical markets to position the Technical, Operational and Business benefits of LED Lighting. In his current role at Cree, John drives thought leadership through the participation of many conferences, tradeshow and webinar activities. John also works closely with agents and end-customer to position the correct product and to stay ahead of market development trends.

Profession: Marketing

What qualifies you to speak on this topic? John has been a key project partner on the Cree side throughout the McLaren installation. He is familiar with all aspects of the project, from selection through installation. John is a talented and very seasoned speaker, hosting regular webinars and engagements with various industry publications.

Why are you knowledgeable about this topic? (Note: Please do not write "See Bio") This topic is an inspirational examination of the McLaren Healthcare installation and John has first-hand knowledge of all of the different components of the story as well as great working relationships with each speaker, thus, he will easily be able to guide them through engaging conversation.

Profile Picture:



Have You Previously been a LFI speaker? No

Do you have webinar experience/Have you presented a webinar previously? Yes

Have you presented this course before? No

Reference #1: Using LEDs for Parking Lighting – Better Safety & ...
1/26/2016
<http://foresternetwork.com/calendar/free-webinar-u...>
Beth Thompkins - Executive Director, Events & Education
Business Energy (Forrester Network)

Reference #2: Lighting Joins the IoT—Simplification and Energy E...
6/28/2016
<http://www.ecmag.com/news-announcements/webinar-re...>
Timothy Johnson – NECA
Electrical Contractor Magazine

Reference #3: How Can LED Lighting Effect Profitability in High-Bay...
5/5/2016
[http://register.manufacturing.net/20151217_cree le...](http://register.manufacturing.net/20151217_cree_le...)
Anna Wells – Executive Director
IMPO Magazine (Industrial Maintenance & Plant Oper...

SPEAKER INFORMATION #2

Role: Speaker
Name: Keith Miller
Company: McLaren Health Care
Job Title: Director, Corporate Facilities
Address: G-3231 Beecher Road Flint, MI 48532
Daytime Phone: 810-342-3600
Cell Phone: 810-342-3600
Email: keith.miller@mclaren.org

Bio (200 Max Words): Keith Miller is a leader in facility management in the health care industry. With over 25 years of experience, he has positioned himself as a thought leader in corporate sustainability and brings a vast wealth of knowledge in facility management. At his current role, Keith is a Corporate Facilities Manager for McLaren, a fully integrated healthcare network serving entire lower peninsula of Michigan and portion of upper peninsula, made up of more than 350 facilities including 12 hospitals. He has excelled

in his career with his humble beginnings in the housekeeping department to Director of Facilities at McLaren Macomb and now to being part of Corporate Facilities management at McLaren. Currently, Keith is also a Board Member for the Michigan Society for Healthcare Engineering (MiSHE), a state affiliate chapter of American Society for Healthcare Engineering (ASHE).

Profession: Director, Corporate Facilities

What qualifies you to speak on this topic? Keith Miller is the head of facilities of McLaren Health Care, the inspirational project to be examined in this panel discussion. He is the true voice of the customer.

Why are you knowledgeable about this topic? (Note: Please do not write "See Bio") Keith Miller and his staff evaluated many lighting options and weighed them against the overall objectives of his healthcare organization. He has first-hand knowledge of all decision factors and can provide a detailed account of the entire process.

Profile Picture:



Have You Previously been a LFI speaker? No

Do you have webinar experience/Have you presented a webinar previously? No

Have you presented this course before? No

Reference #1:

Reference #2:

Reference #3:

SPEAKER INFORMATION #3

Role: Co-Speaker
Name: Gary Trott
Company: Cree, Inc.
Job Title: VP, Marketing – Intelligent Lighting
Address: 4600 Silicon Drive Durham, NC 27703
Daytime Phone: 706-819-3772
Cell Phone: 706-819-3772
Email: gary.trott@cree.com

Bio (200 Max Words): Gary Trott is a product development innovator and technologist for Cree Lighting. His passion for lighting was fully inspired while receiving his B.S. in Architectural Engineering – Illumination Emphasis from the University of Colorado at Boulder.

During his 20 plus year career, he has developed products for the most respected brands in the industry in the largest indoor and outdoor categories. He holds numerous patents covering some of the most significant new product releases in the past 15 years. For the past ten years, Gary has focused on developing solid state lighting products and served as a key leader in the team that commercialized the first viable SSL fixture for general illumination. He drove the vision behind Cree SmartCast® technology, the first intuitively simple lighting intelligence platform. Gary is the VP of Marketing, Intelligent Lighting where he leads the product and marketing strategy of Cree's connected intelligent lighting platforms.

Profession: VP, Marketing - Intelligent Lighting

What qualifies you to speak on this topic? As a product developer and technologist, Gary is a Cree subject matter expert on intelligent lighting and the SmartCast Technology platform employed in the McLaren project. He has also been a key project partner on the Cree side throughout the McLaren installation. Gary is a talented and very seasoned speaker, hosting regular engagements at various industry events.

Why are you knowledgeable about this topic? (Note: Please do not write "See Bio") This topic is an inspirational examination of the McLaren Healthcare installation and Gary has first-hand knowledge of all of the different components of the story, intimate knowledge of intelligent lighting platforms, as well as great working relationships with each speaker, thus, he will easily be able to contribute engaging dialogue to the topic overall.

Profile Picture:



Have You Previously been a LFI speaker? Yes

Do you have webinar experience/Have you presented a webinar previously? Yes

Have you presented this course before? No

Reference #1:

Reference #2:

Reference #3:

SPEAKER INFORMATION #4

Role: Co-Speaker

Name: Sam DiNello

Company: Future Energy Group, LLC

Job Title: Co-Founder

Address: 6400 Sterling Drive North Suite 2-B Sterling Heights, MI 48312

Daytime Phone: 586-782-4000 ext. 15
Cell Phone: 586-876-1665
Email: dinello@futureenergygrp.com

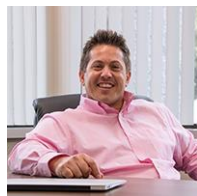
Bio (200 Max Words): As a life-long entrepreneur, Sam DiNello is passionate about disrupting antiquated processes and providing innovative solutions rooted in high-level results and service as a pledge to the clients he serves. Sam utilizes his 15+ years of profitable business ownership to make a positive contribution to the environment all while having fun doing it. He co-founded Future Energy Group to provide a full-service approach to corporate sustainability and to create a more energy efficient planet for his children and future generations. At Future Energy Group, Sam brings the most innovative technologies, products including LED intelligent lighting to his clients in an organized and thorough turnkey concierge-style service model. Sam specializes in designing Corporate Programs for his clients, which includes an energy analysis, design, project management, installation, recycling and financing.

Profession: Entrepreneur, LED Enthusiast

What qualifies you to speak on this topic? Under Sam’s management, Future Energy Group provided many LED lighting solutions for the McLaren Health Care network as part of their turnkey energy management services. With this, Sam managed the project from selection to installation and has intimate knowledge of all aspects of the process.

Why are you knowledgeable about this topic? (Note: Please do not write “See Bio”) As the implementer and turnkey partner for the customer, Sam has intimate knowledge of the project and all considerations. In addition, Sam is a charismatic speaker and passionate for all sustainable and intelligent lighting solutions.

Profile Picture:



Have You Previously been a LFI speaker? No

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Have you presented this course before? No

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Reference #2:

Reference #3: