



BRIGHTENING THE FUTURE

WITH EFFICIENCY
AND CONTROL

EXECUTIVE SUMMARY

Rapid advancements in lighting technology usher in an era of high efficiency, smart control systems that are revolutionizing the way facilities manage their lighting needs. The success story of the **Friendship Celebration Lutheran Church** in Meridian, Idaho illustrates the exceptional **benefits of transitioning to LiteLogic LED solutions** – highlighting significant energy savings, enhanced lighting quality, and customizable control options that align with modern demands for sustainability and functionality.

INTRODUCTION

Lighting plays a crucial role in setting the ambiance of a space, impacting functionality, productivity, and even the wellbeing of occupants. Traditional lighting solutions like fluorescent fixtures have dominated the market for years, but with growing energy costs and ecological concerns, institutions are now seeking smarter, more sustainable options. **LiteLogic** emerges as a game-changer in this realm, leveraging LED technology and Bluetooth controls to deliver **superior illumination** and **energy efficiency**.



Friendship Celebration Lutheran Church
Meridian, Idaho



THE CHALLENGE: OUTDATED LIGHTING SYSTEMS

The Friendship Celebration Lutheran Church, constructed in the early 2000s, faced the challenge many organizations encounter: aging lighting systems that are costly to maintain, fall short in illumination quality, and consume excessive energy. Annual lift rentals for lamp replacements and the struggle with color matching as lamps aged or were replaced with varying LED tube retrofits also outlined the demand for a modern lighting solution.



“The dimming capability, the uniformity, **the color and the warmth of the light is so much better** than what we had. I like the controllability to turn down or change the tone of the lights.

Dave R, IT Manager
Friendship Celebration Lutheran Church

BARRON'S SOLUTION

MH lighting, through Katie Smith's consultation, presented Trace-Lite's line of sustainable and high-performing lighting fixtures to the church. By replacing existing 4-lamp T8 fluorescent fixtures with Barron's Trace-Lite LPX-24-CP4 luminaires equipped with LiteLogic LED controls on a one-for-one basis, the church achieved:

- Approximately **25% increase in foot candle levels**, enhancing the brightness and ambiance of the space.
- Around **40% reduction in energy consumption**, translating to cost savings and environmental benefits.
- Integration of LiteLogic's Bluetooth control package permitting **easy dimming and scene control** adjustments through a user-friendly app.

The LPX-24-CP4 fixtures were vital in facilitating these improvements, with the additional user convenience of single-gang switches making operation intuitive for all age groups and technical abilities.

IMPLEMENTING LITELOGIC

Adoption of LiteLogic's integrated LED lighting and control system was not only simple but also minimally disruptive to church operations. The **easy-to-perform programming** facilitated various configurations that catered to diverse activities – from worship to presentations.



TRACE LITE
commercial & industrial lighting

BENEFITS REALIZED

Energy and Cost Efficiency

Trace-Lite's LiteLogic LED solutions significantly slashed energy use, yielding considerable **cost savings** while fulfilling the church's commitment to sustainability.

Improved Lighting Quality

The **improved lighting levels** delivered by Trace-Lite ensured better visibility and comfort for the churchgoers and staff.

Advanced Controls for Customization

LiteLogic's Bluetooth controls are an integral feature, offering **effortless scene changes and dimming options** that could be tailored to any event or activity held within the church's premises.

CONCLUSION

The LiteLogic installation at the Friendship Celebration Lutheran Church exemplifies the profound impact advanced LED lighting solutions can have on institutions. The project was a testament to the tangible benefits of quality, control, energy savings, and the ease of transitioning to a smarter lighting system.

Any facility manager or lighting engineer witnessing the remarkable transformation at the Friendship Celebration Lutheran Church would understand the significant stride LiteLogic represents for future lighting solutions. It's not just about lighting up a space; it's about embracing technology that allows us to see clearer, work smarter, and live better.

For further information about Trace-Lite's LiteLogic solutions and to discuss upgrading your facility's lighting, **contact your local Barron Lighting Rep** or visit **barronltg.com**.

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