

# TAKE COMMAND OF YOUR SPACE



**SMART &  
AFFORDABLE**  
CONTROLS BY





## YOU HAVE THE POWER

TO CREATE SMART  
BUILDINGS WITH THE  
HELP OF **LITELOGIC**  
**BY BARRON**



**Experience the limitless possibilities of Bluetooth wireless technology**, where automation becomes effortless, energy, labor and material costs are significantly reduced, and setting up lighting control becomes a breeze.

Introducing **LiteLogic Bluetooth controls**, **designed to seamlessly manage multiple zones within any space**. With a **user-friendly** interface that can be programmed within minutes using just your smartphone, **LiteLogic** is the ideal choice for a wide range of environments, including warehouses, offices, medical centers, schools, and auditoriums, whether they are newly constructed or undergoing retrofitting. **LiteLogic** sensors are **easily installed on-site** and are compatible with a variety of **Trace-Lite** fixtures.

Unlock the ultimate lighting controls solution with **LiteLogic by Trace-Lite**.

**TRACE**  **LITE**





## HI, WE'RE BARRON, THRILLED TO MEET YOU.

Founded in 1973 as an electronics manufacturer, **Barron Lighting Group** has enjoyed five decades of growth built on its core values of integrity and innovation. In 1992, **Barron** added **Trace-Lite** to our product offering, bringing indoor and outdoor commercial lighting to customers across North America.

**LiteLogic Bluetooth controls are the next evolution in lighting controls.** Giving you the ability to fully control your lighting fixtures remotely via app on your smart device.

**Barron has quality products,** a very broad offering, and their pricing is very competitive. Barron has many many products that comply with BAA, which helps us out very much.

**Tom Curtis**  
Resource Lighting



# TABLE OF CONTENTS

**5** How it's  
Different

**6** Unlimited  
Zones

**7** Ultimate  
Security

**8** LiteLogic  
Features

**9** Bluetooth  
Benefits

**10** Using  
the App

**12** Energy  
Efficiency

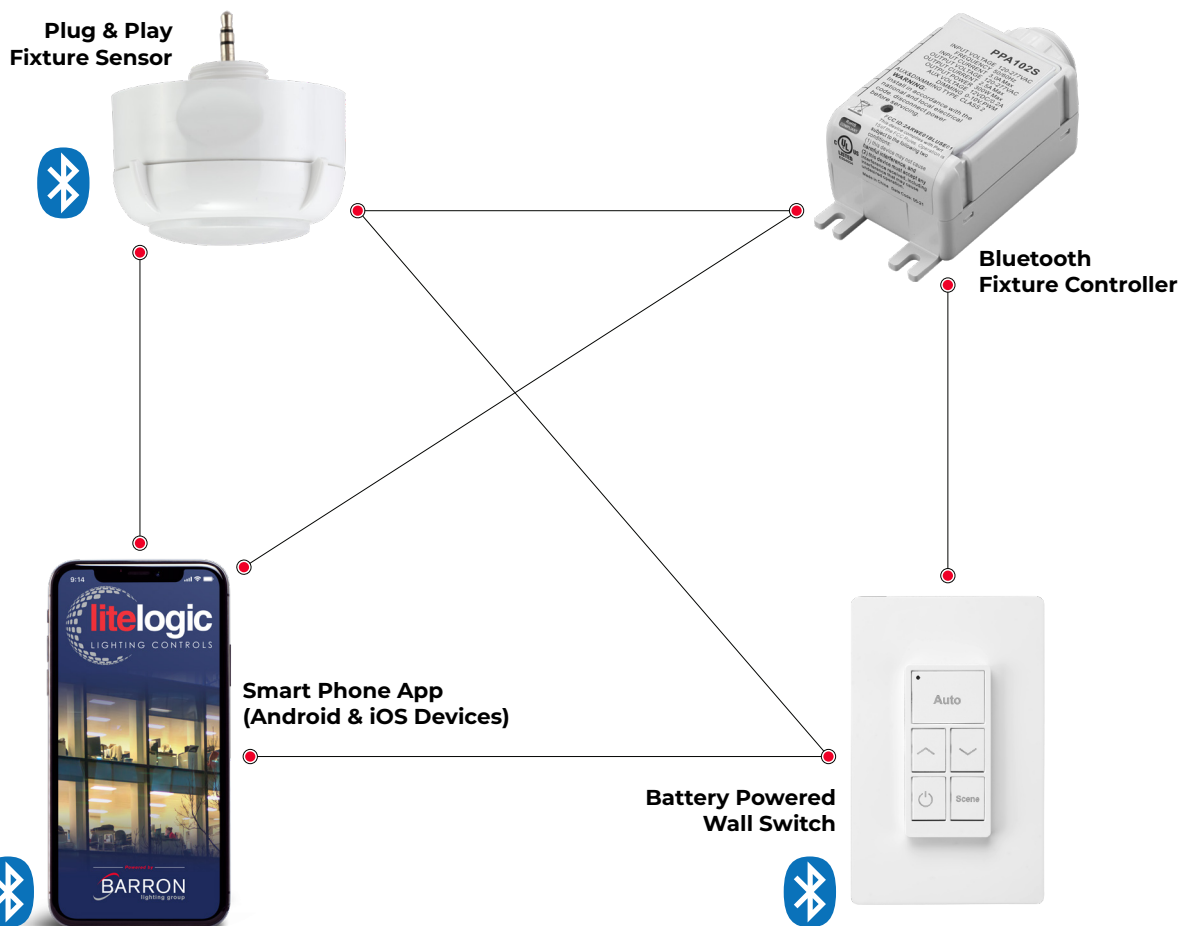
**13** Nodes & Controls  
Compatibility





BY HARNESSING THE POWER OF  
BLUETOOTH TECHNOLOGY

# ALL FIXTURES SEAMLESSLY CONNECT AND TRANSMIT INFORMATION TO ONE ANOTHER



Bluetooth mesh wireless technology is specially **optimized for commercial lighting requirements**, highly reliable, robust, low latency, high uniformity, easy-to-use and gateway-free.

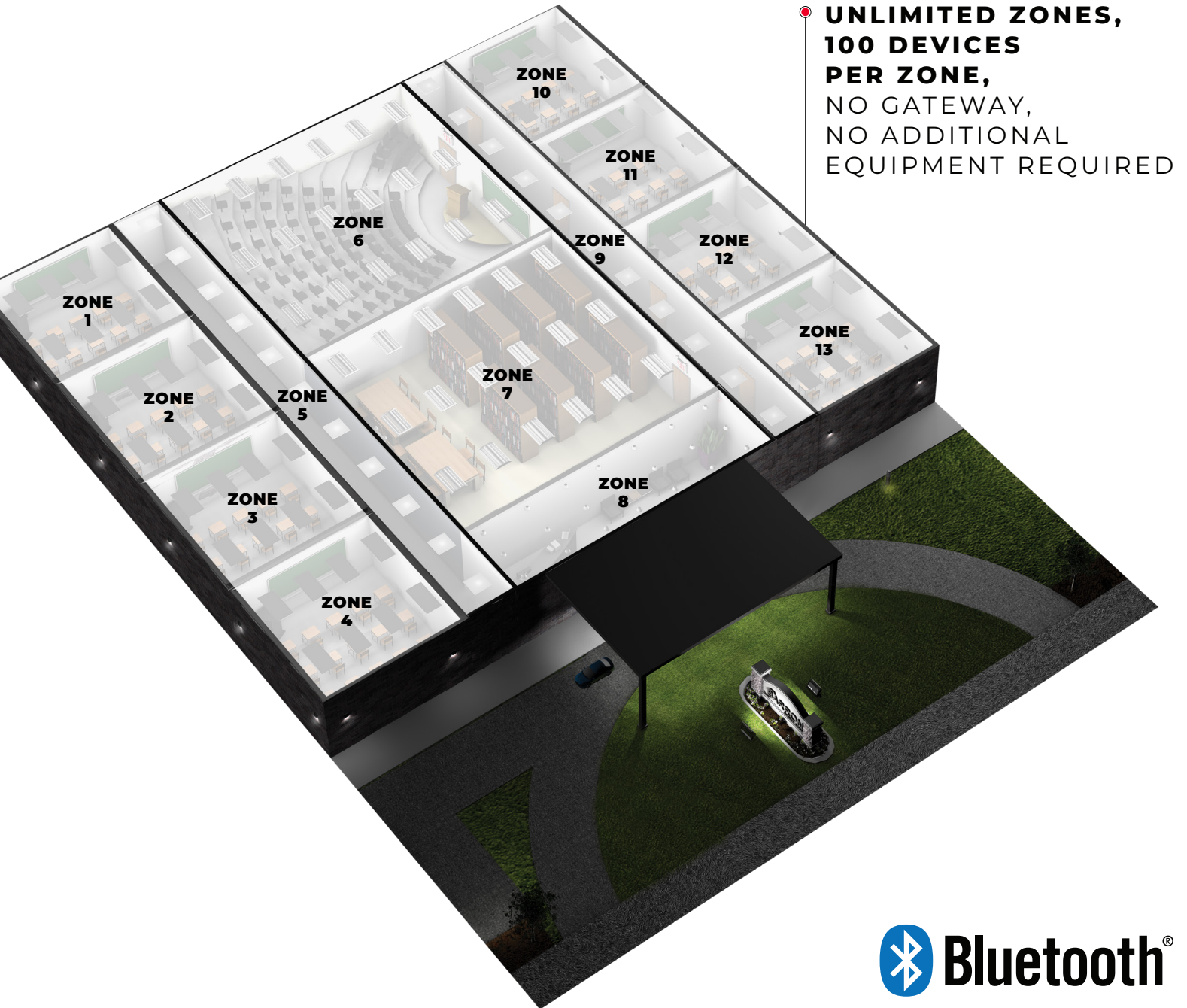
LEARN MORE

888.533.3948 | [barronltg.com](http://barronltg.com)

**TRACE LITE**  
commercial & industrial lighting

# BLUETOOTH® MESH V4.2 & 5.0 PROTOCOLS

TRANSMISSION UP TO 150 FEET





# CREATE PERMISSION LEVELS FOR DIFFERENT USERS

128-BIT DATA ENCRYPTION



## ULTIMATE SECURITY

User permissions are assigned via the app by scanning **encrypted QR codes**. Network devices cannot be accessed without the QR code, giving you ultimate security.

LEARN MORE

888.533.3948 | [barronltg.com](http://barronltg.com)

 **TRACE LITE**  
commercial & industrial lighting

YOU ASKED FOR IT

# LITELOGIC DELIVERED



**SIMPLE PLUG AND PLAY**  
*IN THE FIELD*



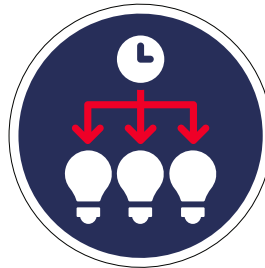
**SECURE COMMISSIONING**  
*SCAN QR CODE FOR EASY  
INSTALLATION INSTRUCTIONS*



SET-UP DONE DIRECTLY  
ON YOUR SMART PHONE  
IN MINUTES



INDIVIDUAL OR  
GROUP SENSOR  
ADDRESSABILITY



SCHEDULING FOR  
INDIVIDUAL LIGHTS,  
GROUPS OR SCENES



CROSS LINK  
SENSORS BETWEEN  
GROUPS



SCENE  
CONTROL  
127 PER ZONE



# ADVANTAGES OF BLUETOOTH® PROTOCOLS

CONNECT WIRELESSLY



LEARN MORE

888.533.3948 | [barronltg.com](http://barronltg.com)

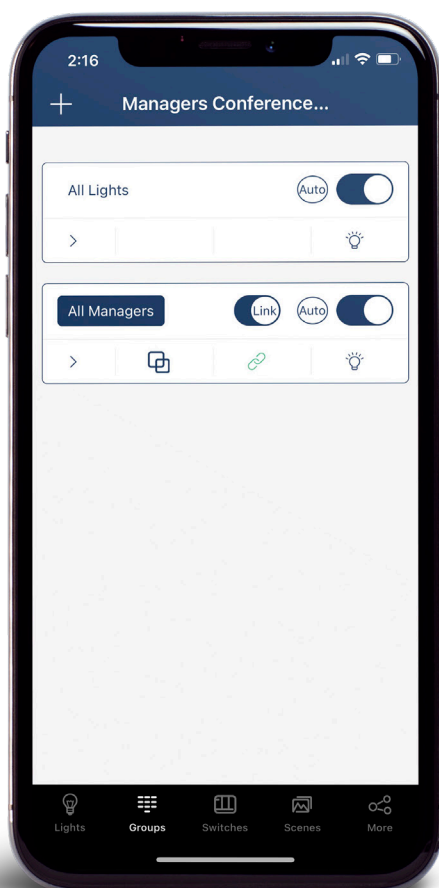
# SIMPLE APP SETUP

EASY PAIRING, COMMISSIONING,  
AND OPERATION

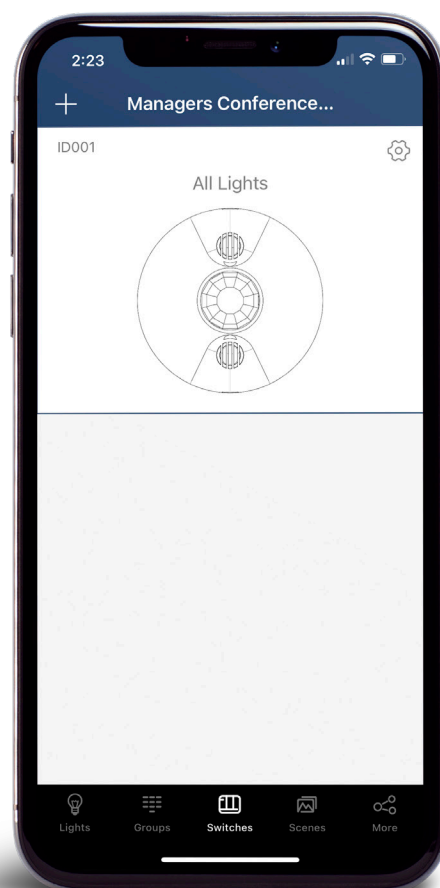
ADD  
LIGHTS



CREATE  
GROUPS



ADD  
KEYPADS



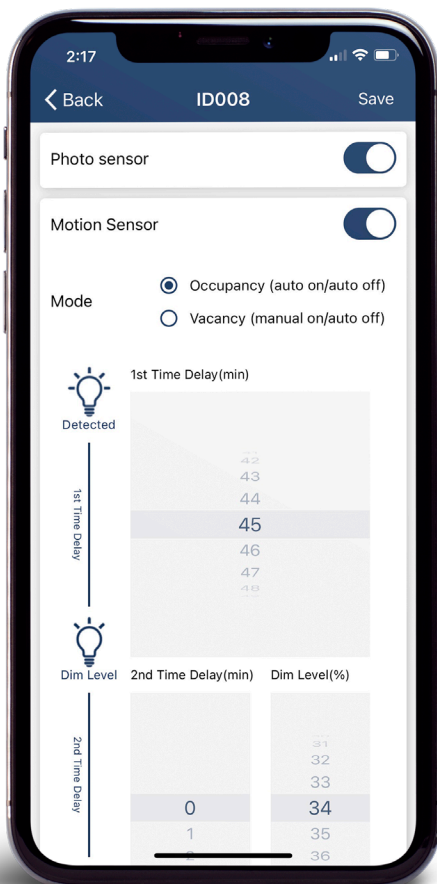
**Experience optimized spaces with LiteLogic!** Our Auto mode utilizes sensors, automatically adjusting light levels for the **ultimate illumination.**



# ADDITIONAL FUNCTIONALITY

**QUICK AND EASY SETUP  
COMPLETED IN MINUTES**

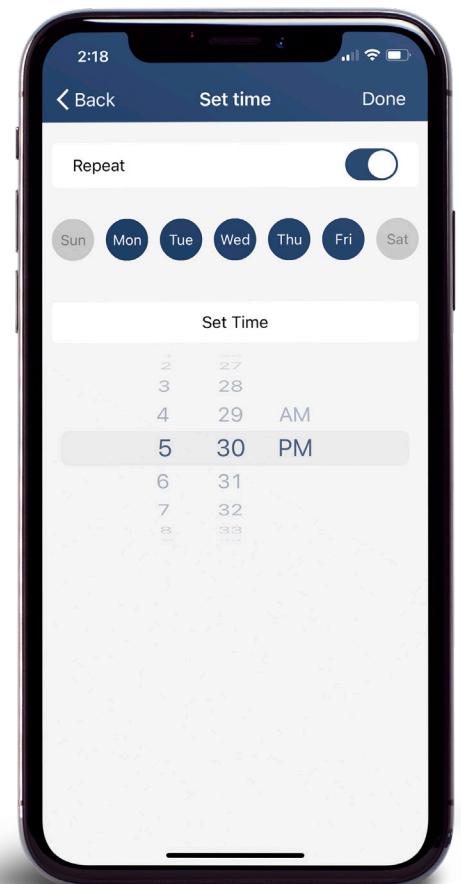
## ADJUST SENSOR SETTINGS



## CREATE SCENES



## CREATE SCHEDULES



**Customize lighting effortlessly with LiteLogic.** Tailor lighting levels, schedules, and layouts to any space. **Take full control** of your lighting with LiteLogic.



**LEARN MORE**

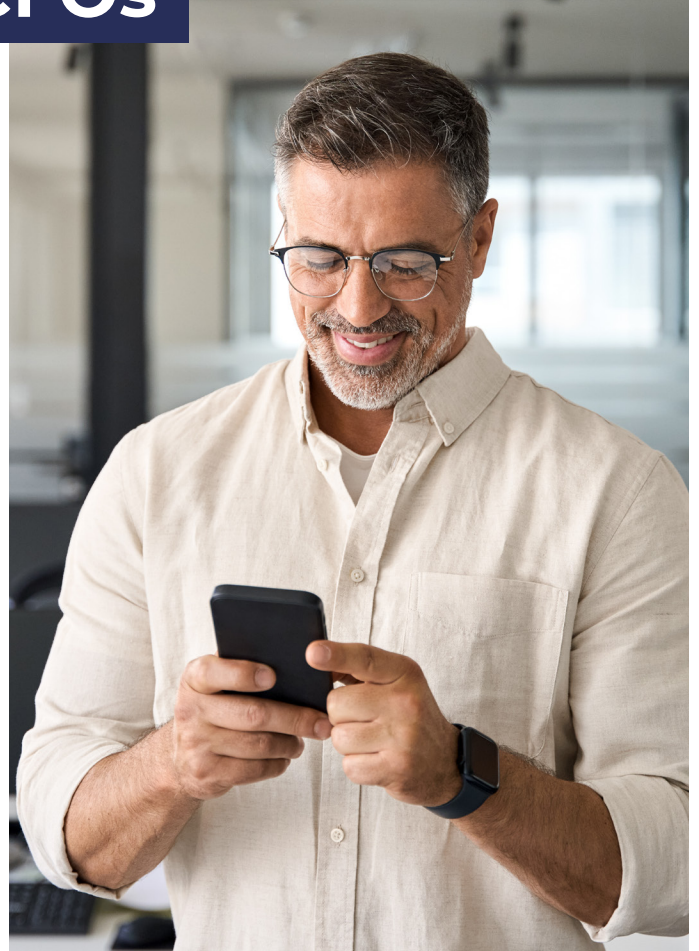
888.533.3948 | [barronltg.com](http://barronltg.com)

**TRACE LITE**  
commercial & industrial lighting

# ENERGY EFFICIENCY MAKES FOR HAPPY CFOs

AND A HEALTHY PLANET

TITLE  
24  
COMPLIANT












- Meets government and state code **compliance requirements**
- Earn installation **energy rebates**
- Daylight harvesting with continuous adjustment mode **saving up to 40% in energy costs**
- LiteLogic products can help you address requirements in **LEED® building certification**, and help you to capitalize on government rebates
- Title 24 compliance



## INDOOR

## FIXTURE COMPATIBILITY

		SENSOR AND ACCESSORIES										
		Integral Factory Installed (-LE)	LE-MS2- HB1	LE-MS3- AUX-HB1	LE-MS- ECO3 (1 per room)	LE-C1 (1 per fixture)	LE-C6	LE- DC4CH	LE-SW2	LE-SW3	LE-SW4	LE-WP
				✓					✓	✓	✓	✓
				✓					✓	✓	✓	✓
					✓	✓			✓	✓	✓	✓
					✓	✓			✓	✓	✓	✓
			✓						✓	✓	✓	✓
			✓						✓	✓	✓	✓
		✓							✓	✓	✓	✓
								✓				
								✓				
EMERGENCY EQUIPMENT							✓					















LEARN MORE

888.533.3948 | [barronltg.com](http://barronltg.com)

# OUTDOOR

## FIXTURE COMPATIBILITY

		Available as kits, see product specification sheets for details						
		LE-MS3W-BL AUX-HB1	+	LE-ADAPTERW- BL-AUX	+	LE-RECPTW- BL-AUX	+	LE-C3
			+		+		+	
ECX		✓	+	✓	+	✓		
FxA 70-350W		✓	+	✓	+	✓	+	✓
RxAR		✓						
PKR KIT		✓						
ETIOS		✓	+	✓				
WLZ4-10		✓	+	✓	+	✓	+	✓
RWE		✓	+	✓	+	✓	+	✓
WTA		✓	+	✓	+	✓	+	✓



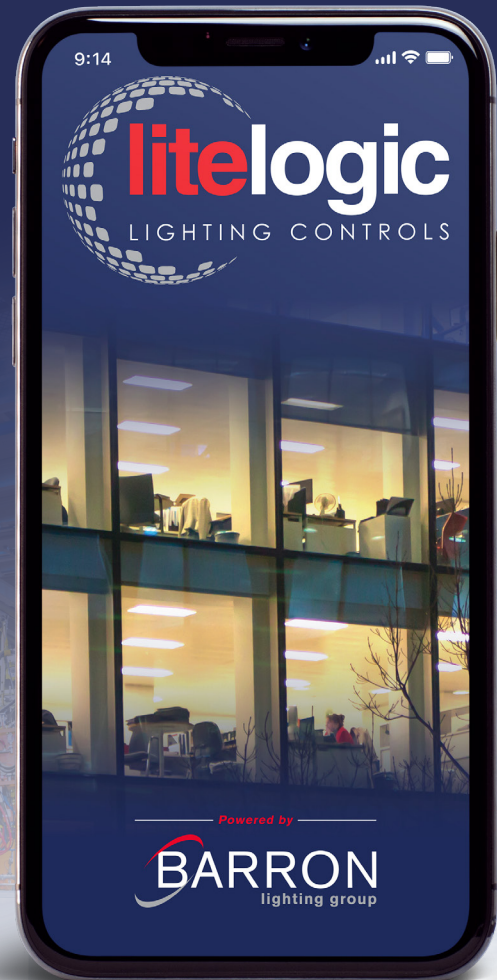





# LIGHTING THE WORLD

FOR A BETTER FUTURE

Experience the cutting-edge innovation of **LiteLogic by Trace-Lite**, revolutionizing energy efficiency, enhancing occupant comfort, and ensuring code compliance for indoor and outdoor applications. With Luminaire Level Lighting Controls (LLLC) seamlessly integrated into Trace-Lite controls ready fixtures, facilities can effortlessly **save energy** and improve occupancy comfort. What sets LiteLogic Bluetooth controls apart is its **user-friendly app** and **hassle-free field installation** of sensors and network nodes. With the innovative LiteLogic app, nodes can be commissioned without the requirement of a gateway or internet access. Stay ahead of the curve and under budget with LiteLogic.



 Get it from the  
App Store

 Get it from  
Google Play



 **TRACE LITE**  
commercial & industrial lighting

10840486 Rev 12

888.533.3948 | barronltg.com