TRACE★LITE
commercial & industrial lighting

TAKE COMMAND
OF YOUR SPACE

Bluetooth®

litelogic
LIGHTING CONTROLS

Powered by
BARRON
lighting group

SMART & **AFFORDABLE**
CONTROLS BY

litelogic®
LIGHTING CONTROLS

litelogic®
LIGHTING CONTROLS

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

BY HARNESSING THE POWER OF BLUETOOTH TECHNOLOGY

ALL FIXTURES SEAMLESSLY CONNECT AND TRANSMIT INFORMATION TO ONE ANOTHER

Plug & Play Fixture Sensor

Bluetooth Fixture Controller

Smart Phone App (Android & iOS Devices)

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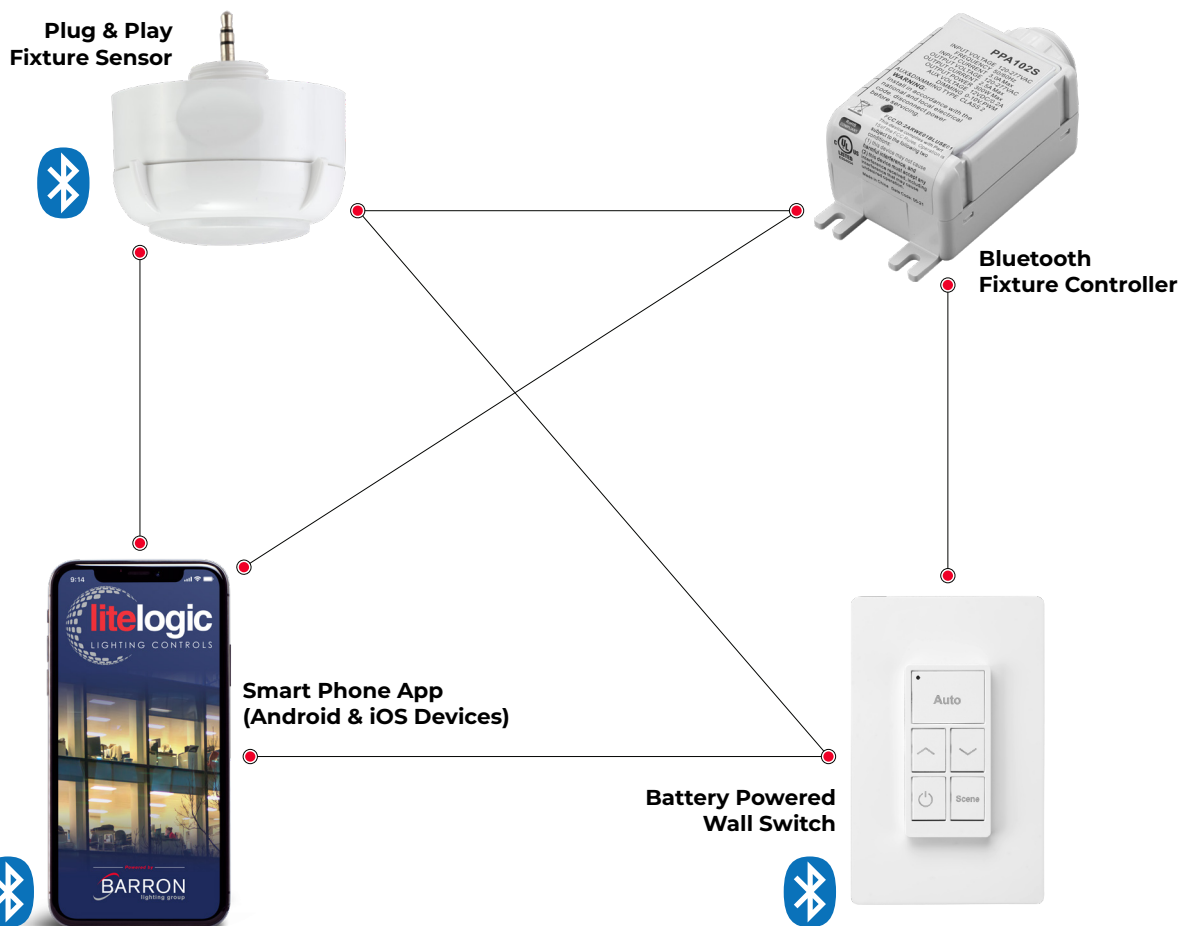
Bluetooth mesh wireless technology is specially **optimized for commercial lighting requirements**, highly reliable, robust, low latency, high uniformity, easy-to-use and gateway-free.
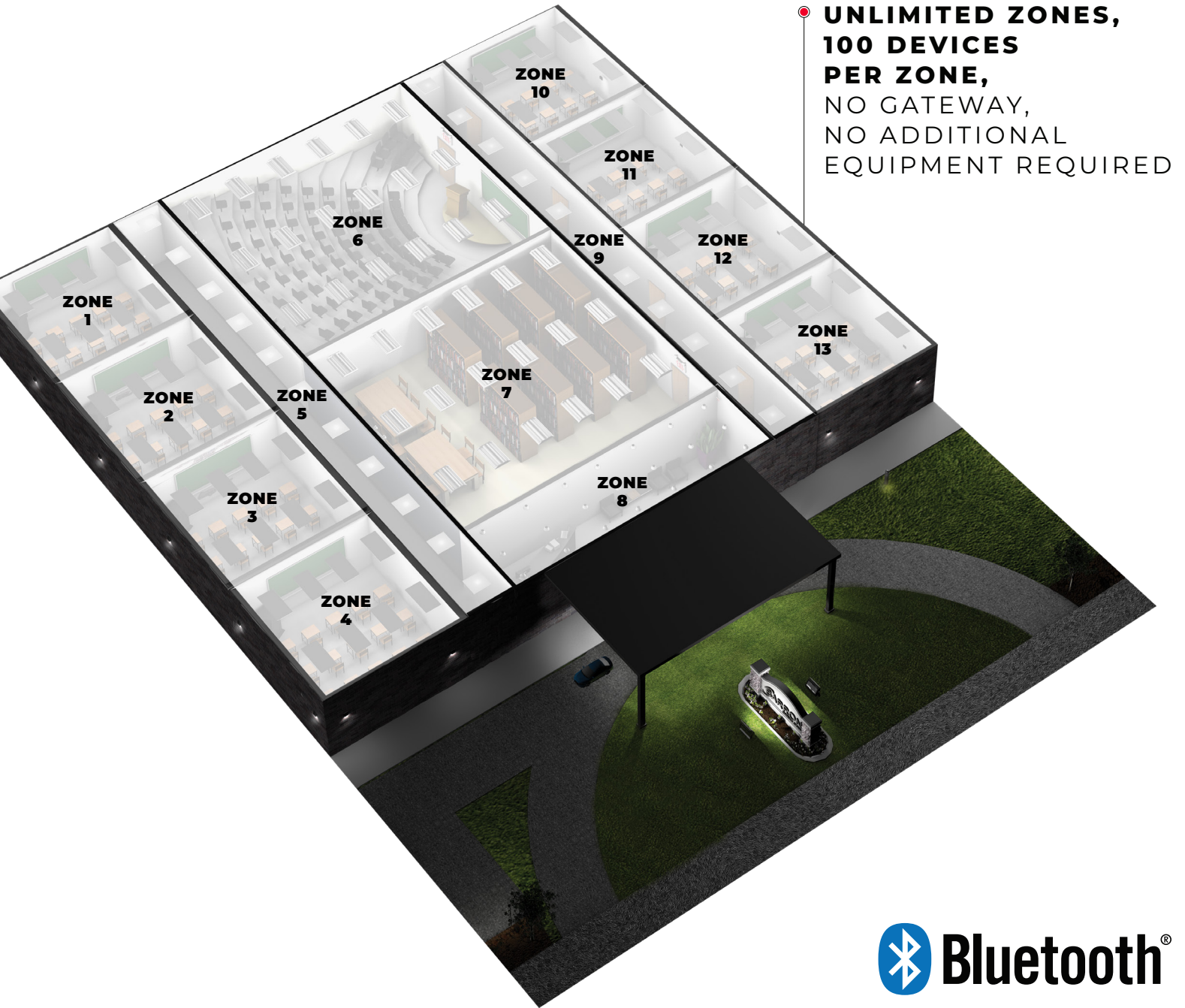
LEARN MORE

888.533.3948 | barronltg.com

TRACE LITE
commercial & industrial lighting

BLUETOOTH® MESH
V4.2 & 5.0 PROTOCOLS

TRANSMISSION UP TO 150 FEET

UNLIMITED ZONES, 100 DEVICES PER ZONE, NO GATEWAY, NO ADDITIONAL EQUIPMENT REQUIRED

Bluetooth®

TRACE LITE
commercial & industrial lighting

LEARN MORE
888.533.3948 | barronltg.com

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

TRACE*LITE
BARRON
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
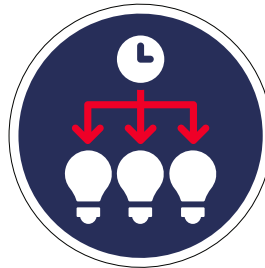
SCHEDULING FOR INDIVIDUAL LIGHTS, GROUPS OR SCENES

CROSS LINK SENSORS BETWEEN GROUPS

SCENE CONTROL 127 PER ZONE

TRACE★LITE
BARRON
commercial & industrial lighting

LEARN MORE

888.533.3948 | barronltg.com

ADVANTAGES OF
BLUETOOTH® PROTOCOLS

CONNECT WIRELESSLY

NO INTERNET
REQUIRED

NO
GATEWAYS

NO IT NETWORK
INFRASTRUCTURE

NO CAT5
CABLES

NO CABLE
PANELS

LEARN MORE

888.533.3948 | barronltg.com

TRACE LITE
BARRON
commercial & industrial lighting

SIMPLE
APP SETUP

EASY PAIRING, COMMISSIONING, AND OPERATION

ADD
LIGHTS

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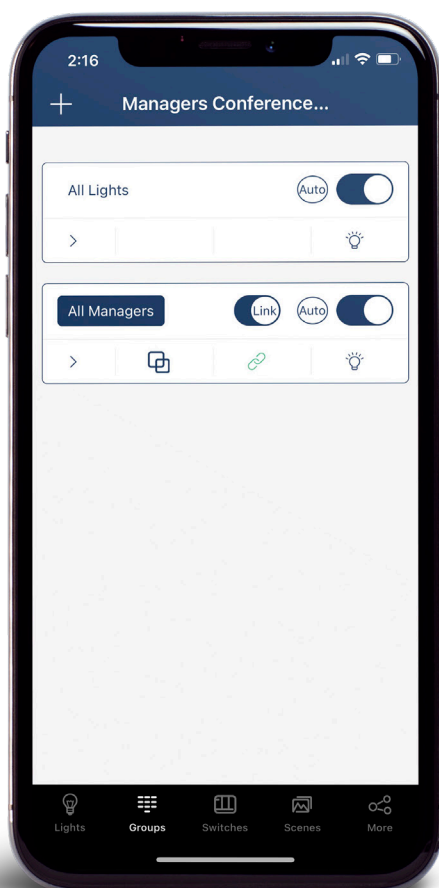
ADD
KEYPADS
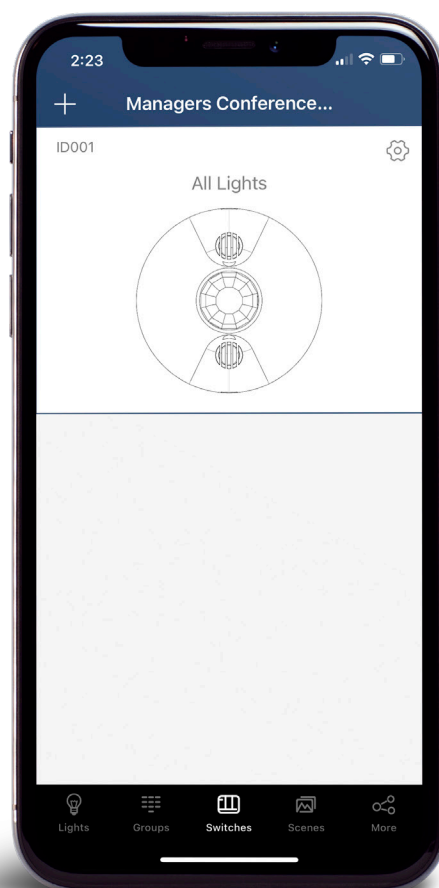
Experience optimized spaces with LiteLogic! Our Auto mode utilizes sensors, automatically adjusting light levels for the **ultimate illumination**.

lite logic

BARRON TRACE★LITE
commercial & industrial lighting

LEARN MORE
888.533.3948 | barronltg.com

ADDITIONAL
FUNCTIONALITY

QUICK AND EASY SETUP
COMPLETED IN MINUTES

ADJUST SENSOR SETTINGS

2:17
Back   ID008   Save
Photo sensor
Motion Sensor
Mode
  ● Occupancy (auto on/auto off)
  ○ Vacancy (manual on/auto off)
Detected   1st Time Delay(min)
1st Time Delay
  42
  43
  44
  45
  46
  47
  48
Dim Level   2nd Time Delay(min)   Dim Level(%)
2nd Time Delay
  31
  32
  33
  0   34
  1   35
     36

CREATE SCENES

2:17
+   Managers Conference...   —
Full Light   All off   Auto Light

Lights   Groups   Switches   Scenes   More

CREATE SCHEDULES

2:18
Back   Set time   Done
Repeat
Sun   Mon   Tue   Wed   Thu   Fri   Sat
Set Time
  2   27
  3   28
  4   29   AM
  5   30   PM
  6   31
  7   32
  8   33

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

lite logic®

LEARN MORE
888.533.3948 | barronltg.com

TRACE*LITE
BARRON
commercial & industrial lighting

ENERGY EFFICIENCY MAKES FOR HAPPY CFOs

AND A HEALTHY PLANET

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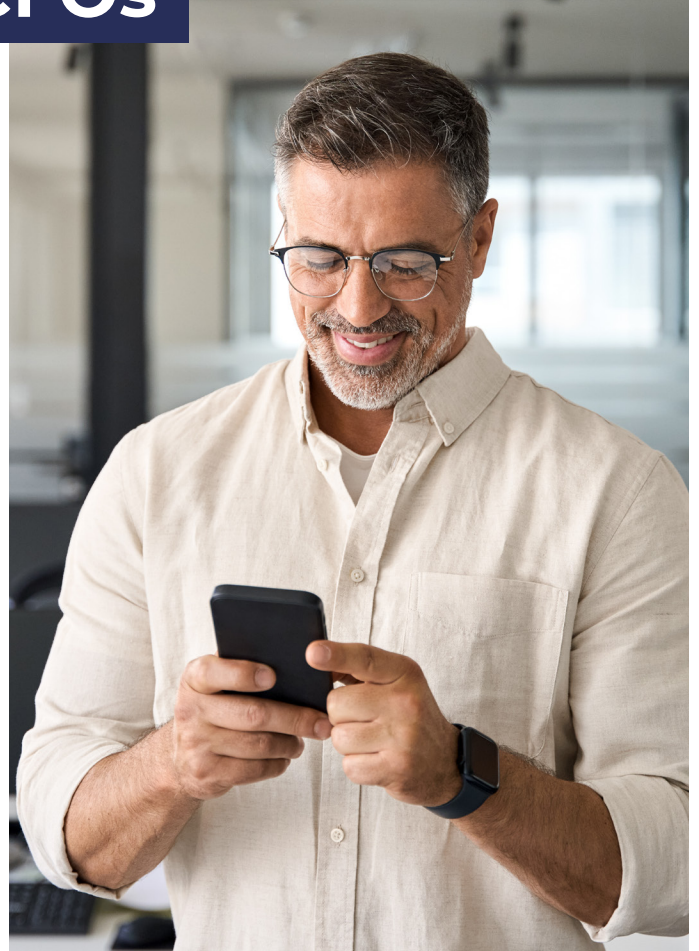
- Meets government and state code **compliance requirements**
- Earn installation **energy rebates**
- Daylight harvesting with continuous adjustment mode **saving up to 40% in energy costs**
- LiteLogic products can help you address requirements in **LEED® building certification**, and help you to capitalize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

TRACE LITE®
BARRON
commercial & industrial lighting

LEARN MORE
888.533.3948 | barronltg.com

FIXTURE COMPATIBILITY

		Integral Factory Installed (-LE)	LE-MS2-HB1	LE-MS3-AUX-HB1	LE-MS6-AUX	LE-MS-ECO3 (1 per room)	LE-C1 (1 per fixture)	LE-C6	LE-DC4CH	LE-SW2	LE-SW3	LE-SW4	LE-WP
SENSOR AND ACCESSORIES													
NHBL				✓									
MQHB				✓						✓	✓	✓	✓
RSHL				✓						✓	✓	✓	✓
LPX & LPX-CP4						✓	✓			✓	✓	✓	✓
RKCB & RKLP					✓					✓	✓	✓	✓
CBLQ						✓	✓			✓	✓	✓	✓
SLS			✓							✓	✓	✓	✓
VPA			✓							✓	✓	✓	✓
SSF-LE		✓								✓	✓	✓	✓
RGB-WFP									✓				
RGB-WRD									✓				
EMERGENCY EQUIPMENT								✓					

Bluetooth®

LEARN MORE

888.533.3948 | barronltg.com

TRACE★LITE
BARRON
commercial & industrial lighting

OUTDOOR

FIXTURE COMPATIBILITY

|		SENSOR AND ACCESSORIES						
		Available as kits, see product specification sheets for details						
		LE-MS3W-XX AUX-HB1	+	LE-ADAPTERW-XX-AUX	+	LE-RECPTW-XX-AUX	+	LE-C3
ECX		✓	+	✓	+	✓		
FxA 70-350W		✓	+	✓	+	✓	+	✓
RXAR		✓						
PKR KIT		✓						
E110S		✓	+	✓				
WLZ4-10		✓	+	✓	+	✓	+	✓
RWE		✓	+	✓	+	✓	+	✓
WTA-CP		✓	+	✓	+	✓	+	✓

Bluetooth®

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.
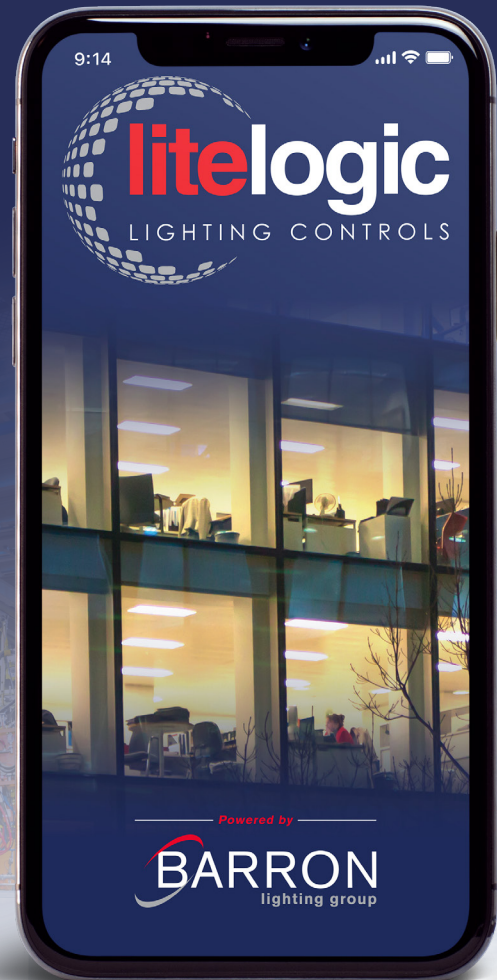
Get it from the **App Store**

Get it from **Google Play**

888.533.3948 | barronltg.com

10840486 Rev 16