



2014 CANDLES AND LIGHTING



# INNOVATIONS

## LIGHTING TOMORROW

### The Inventor of the LED Candle, Reinventing LED Candles.

Liown focuses on product development, full service manufacturing and global distribution services. We believe there are no boundaries in the pursuit of creativity and, in fact, we create marketing demand through innovation in every layer of the birth of a new product.

We serve customers who need end-to-end production of their product from concept development and schematic electro circuit design to component production and systematic product assembly.

By achieving our core beliefs on a daily basis, we are able to enjoy a global reach that influences the world. With an understanding of our customers, consumers and the marketplace we build long lasting relationships and together we enjoy a better life through innovation.

# Design

When we begin a new product design, we take into account the entire lifecycle of the product. From the birth of a concept, through design, manufacturing, utilization of the product to finally the disposal or recycling of the product, we consider how best to achieve innovation and the market demand for it as well as lessening the environmental impact of the product.

We focus on collaborative thinking to achieve the highest level of creativity as possible. We combine science and technology with society and nature to create products that are practical, useful, beautiful and meet the demands of consumers.



We start by listening to our customers to learn what it is they want to produce and then we propose creative solutions that will fulfill the needs of consumers as well as ensure market share for our customers. We offer only the newest technology for unique products that never sacrifice function. Further capabilities include product troubleshooting, market analysis, mock-up samples (tooled and hand made) and much more.

We own more than 230 Chinese and Global patents in a variety of technologies that we use in new product development.

- Electronic/Flameless candles
- LED lighting technology
- Electromagnetic technology
- Wireless technology
- Solar technology and more



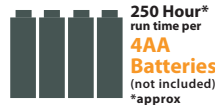
# Candles

## SMART FLAME® PILLARS – INDOOR

Enjoy the beauty of a real candle without any of the mess. Our Smart Flame® pillars capture the essence of a real wick burning candle, emulating the dancing nature of the flame and providing the fragrance of a real wax candle. Our Smart Flame® pillars are made with 100% refined paraffin wax, it looks so incredibly realistic you'll try and put it out! Perfect for home decor with our line of colors and textures to match any style.

Smart Flame® technology creates a visible realistic faux flame that dances like a real flame. The random movement is virtually indistinguishable from a real wick burning candle.

- 150+ Hours of run time (2AA batteries); option to upgrade to 4AA batteries with 250+ Hours of run time
- On/Off and 5 hours auto timer feature
- Plastic pillar option is available
- Multitude of texture and color options
- Remote feature add-on available
- Safe near children and pets



## Indoor Smart Flame®



Global patented moving flame technology.

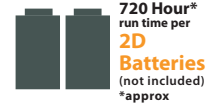
# Outdoor Smart Flame®



## SMART FLAME® PILLARS – OUTDOOR

With our New Outdoor Smart Flame® pillars, you can now enjoy realistic candle lighting outdoors without worrying about the elements. It is built to endure any climate without malfunction. Smart Flame® Outdoor Pillars feature a drainage system to reroute water away from the LED within a certified plastic shell.

- 720+ Hours of run time (2D batteries)
- On/Off and 8 hours auto timer feature
- Remote feature
- Water and weather resistant (IPX4 certified)



Global patented moving flame technology.

# Indoor Smart Flame®

## SMART FLAME® TAPERS - INDOOR

Enjoy the beauty of a real candle without any of the mess. Our Smart Flame® Tapers capture the essence of a real wick burning taper, emulating the dancing nature of the flame. Our Smart Flame® Tapers are available in plastic and wax dipped versions, perfect for home decor with our line of colors and textures to match and style.

Smart Flame® technology creates a visible realistic faux flame that dances like a real flame. The random movement is virtually indistinguishable from a real wick burning taper.

- 150+ Hours of run time (2AA batteries)
- On/Off and 5 hours auto timer feature
- Available in either plastic or wax dipped version
- Safe near children and pets



Taper holders also available.



Global patented moving flame technology.

# Indoor Smart Flame®



Global patented moving flame technology.

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## SMART FLAME® NIGHTLIGHT

Using the same Smart Flame® technology, the Smart Flame® nightlight is a plug in lighting solution with the same realistic movement. It utilizes the electromagnetic performance found in our moving flame candles but with the convenience of 110V wall socket. Perfect to illuminate hallways and rooms needing automated ambiance provided by a nightlight. Integrates beautifully in any home décor with a variety of finish colors to match any style.

- Plugs into wall socket
- Auto on/off light sensor and master on/off switch
- Safe near children and pets

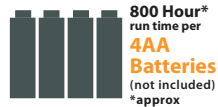


# Candles

## TruFlame® PILLARS – INDOOR

Our TruFlame® technology creates a rolling effect of light, emulating the natural flickering of a real burning flame. The way our light dances is indiscernable to any pattern or program with the naked eye. Our design maximizes lux output and minimizes our battery consumption for latent functions such as timer or remote features.

- Utilizes Truflame® technology for a realistic flickering light, and a soothing candle-like glow
- 800+ Hours of Run Time (Uses 4AA Batteries)
- 500+ Hours of Run Time (Uses 2AA Batteries)
- On/Off and 4, 6 or 8 hour auto timer features
- 100% refined paraffin wax
- Multitude of texture options



Patented TruFlame® LED Technology



Outdoor



Patented TruFlame® Technology

## TruFlame® PILLARS – OUTDOOR

With our new outdoor pillars you can now enjoy realistic candle lighting outdoors without worrying about what mother nature has in store. Our outdoor pillars feature a drainage system to reroute water away from the LED.

- Available in TruFlame® or Single LED
- 1000+ Hours of Run Time (TruFlame using 2D Batteries)
- 300+ Hours of Run Time (Single LED using 2AA Batteries)
- On/Off and 8 hour auto timer feature
- Remote control optional
- Water and weather resistant (IPX4 certified)



8 Hour  
Timer



REMOTE  
READY



300 Hour\*  
run time per  
**2AA  
Batteries**  
(not included)  
\*approx



1000 Hour\*  
run time per  
**2D  
Batteries**  
(not included)  
\*approx



IPX4  
certified

# Create Your Own Candle

## PICK AND CHOOSE, MIX AND MATCH

Because of our excellence in product development and innovation, we can provide our customers with endless options of creative designs. We can cater any design with any color to match the technology. We pride ourselves in keeping up to date with market trends and the current interests of consumers. The candle textures and colors shown here are examples of what we can offer in order to customize the perfect product.



SMART FLAME	TRUFLAME	SINGLE LED
<b>Indoor Wax</b>	<b>Indoor Wax</b>	<b>Indoor Wax</b>
Pillars	Pillars	Figurines
Tapers	Glass	Pillars
Glass		Glass
<b>Indoor Plastic</b>	<b>Outdoor Plastic</b>	<b>Outdoor Plastic</b>
Pillars	Pillars	Pillars
Tapers	Lanterns	Lanterns
Taper Holders		
<b>Outdoor Plastic</b>		
Pillars		

Pillar Styles:	Wax Shapes:	Glass Shapes:	Figurines:
Oblique	Cylinder	Cup	Sealife
Flat	Square	Oval	Pinecone
Melted	Cup	Wide Pillar	Tree
	Sphere	Pillar	Ornament
			Pumpkin
			Ghost

# Crete Your Own Candle

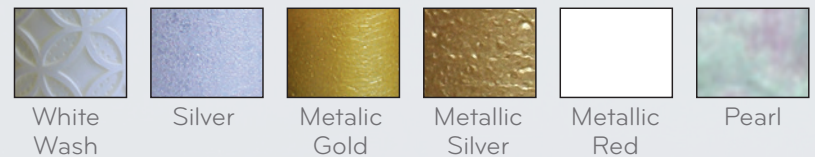
## COLOR, TEXTURE, AND FINISH

We can accommodate what you can imagine.

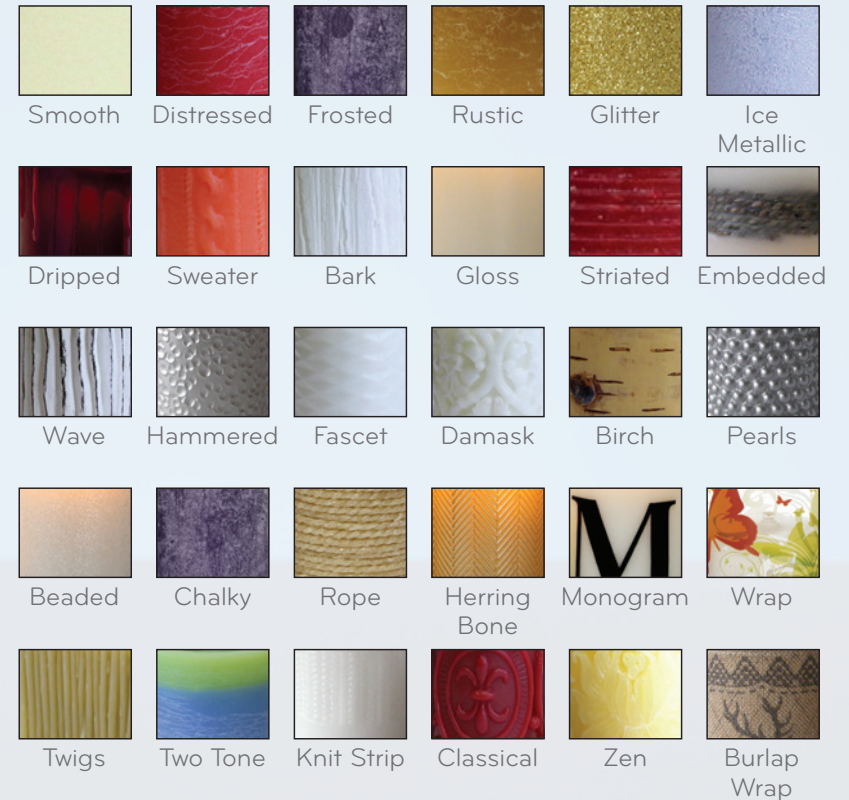
### WAX COLORS



### PAINT COLORS



### WAX TEXTURES



# Commercial



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## RECHARGEABLE SYSTEMS

The rechargeable systems that changed everything. For over 6 years our Commercial systems have been at the core of what we represent. Tried and true, these systems provide reliability, quality and durability all while providing that safe flickering ambience you'd expect from Liown.



## LOW VOLT CANDLE SYSTEMS

Our flameless LED candles find a home in a wired version that offers you the ability to run up to 96 candles in succession using a standard wall outlet. With three built in timer settings and easy wiring, the possibilities are endless.



# Lighting

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Soft comforting light for every room in your home.

Liown Electronics Co. is an exclusive licensee of Energizer brand products. Utilizing our LED technology to further compliment the trusted Energizer brand, we develop and manufacture nightlights to the same quality expected with Energizer's leadership in the portable lighting industry that spans over 110 incredible years.



***Energizer***<sup>®</sup>  
Exclusive Licensee



# Candles



## ENERGIZER® CANDLES

Safe and beautiful light for every room in your home.

See for yourself the LED Energizer® collections that we offer. From combining technology with sophisticated and clean design to creating family-friendly lighting with energy-saving features, there is something to accommodate a variety of occasions.

***Energizer***  
Exclusive Licensee





liown.com



**Liown**

No.7 Gongye 3rd Road,  
Nanshan District, Shenzhen,  
Guangdong, China

Tel: +86-755-86271000

Fax: +86-755-86271029