



# Light Integrated Trim™ (LIT)

Modular Lighting Strip System



# *Functional. Decorative. Efficient.*

## Highlight and Illuminate Spaces Using Light Integrated Trim (LIT)

This modular lighting strip system is designed for multiple applications where design, finish and lighting functionality are essential to the decorative element. LIT was created to enhance home décor and ambiance through lighting, combined with decorative trim, which provides:

- Enhanced decorative accent
- Coordinated decorative hardware style and finish
- Functional and/or decorative illumination using LED technology

### **Applications:**

- ✓ Crown & Ceiling Molding
- ✓ Under Cabinet Lighting
- ✓ Backsplash
- ✓ Baseboard Trim
- ✓ Railing & Staircases
- ✓ Cove & Recessed Ceiling Lighting
- ✓ Walkway & Stair Lighting
- ✓ Art Showcase
- ✓ Mantles & Shelving
- ✓ Decking
- ✓ Architectural Details



Unlike plain LED strip applications, which are very labor intensive and limited in home décor use, the LIT system gives the designer unprecedented flexibility and options while eliminating field-application issues for the installer. Special housing strips and strip connectors can be used to achieve a contiguous strip of any length while maintaining uniform light intensity, similar to neon lighting strips. The system's modularity, safe low voltage, highly efficient light and 50,000 hours of life at a fraction of the cost of neon lighting strips make it unique.



## *Modular. Versatile.*



### **Simple Assembly**

- ✓ Create custom looks by snapping components together
- ✓ Slim profile—installs anywhere you can imagine
- ✓ Can be used with multiple materials such as wood, tile and glass
- ✓ Can be integrated into any decor

### **System Modularity**

- ✓ LED strip connectors (linear, exterior and interior 90° corners); no soldering required
- ✓ Any length and contour with 90° turns
- ✓ Few components; multiple combinations; many applications

### **Installation Ease**

- ✓ Easy to add or replace sections of any length
- ✓ Components can be cut to any length
- ✓ Covers and decorative elements snap in place
- ✓ Fast and low cost installation

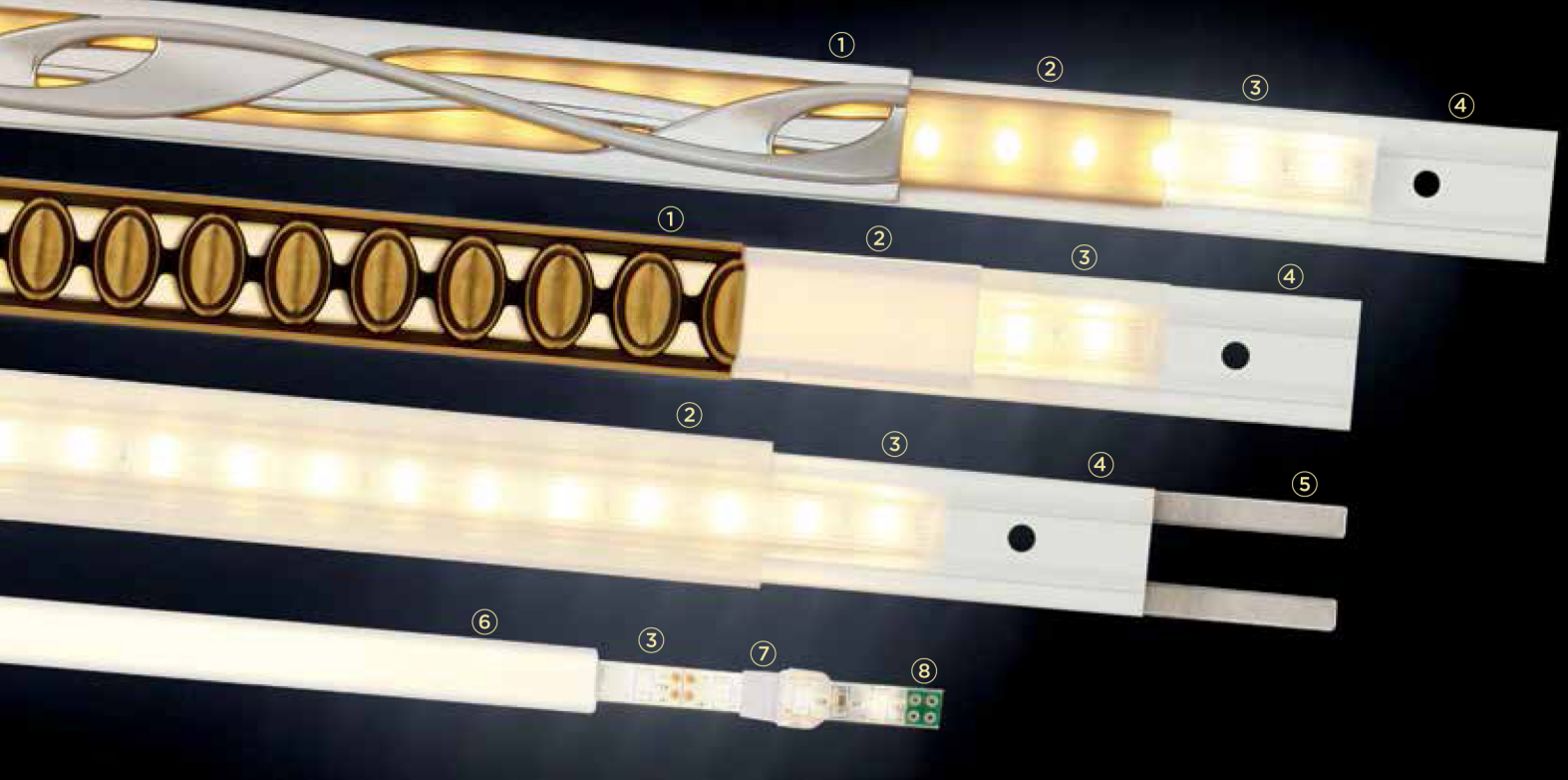
### **Safety & Environment**

- ✓ Energy-efficient LED lighting
- ✓ Light efficiency 90%+
- ✓ Light output 55-73 lumens/ft
- ✓ Energy consumption 1.1-1.4 watts/ft
- ✓ Low voltage 12V
- ✓ Power adapter rated for continuous use, 4Amp, UL Listed
- ✓ Very long life—50,000 hours
- ✓ No burn danger
- ✓ No ultraviolet heat radiation

### **Patent Pending**



*Spectacular Designs.  
Stunning Results.*



The LIT system is designed to provide maximum modularity and application flexibility. Several design aspects of this innovative system are protected under patent pending applications. The system is comprised of the following major components:

### ① Decorative Trim

- Made in 12" metal pieces
- Coordinates with a variety of decorative hardware designs and finishes

### ② Light Diffuser/Channel Cover

- The light diffuser provides smooth, continuous background light, enhancing the decorative visual effect
- The channel cover is used in place of a diffuser and decorative trim for functional, bright lighting applications

### ③ LED Strip

- In standard reels of 16'-long strip
- Shielded strip is encased in transparent rectangular silicone tube
- Available in two light colors, pure white and warm light
- Shielded LED Strip is recommended for use with Housing Channel applications
- Non-Shielded LED Strip is required for Utility Housing application

### ④ Housing Channel

- Holds LED strip
- Semi-rigid plastic, can be mounted in multiple ways

### ⑤ Housing Channel Alignment Connectors

- Thin aluminum strips that provide fine directional alignment when joining two sections
- Available for three types of connections: 90° interior/exterior corner, 90° flat corner and linear

### ⑥ Utility Housing

- Rectangular diffuser and LED holder combination
- Designed to work with non-shielded LED strip
- White translucent plastic

### ⑦ End Cap

- End caps with power wiring opening

### ⑧ LED Strip Connectors

- Connect and conduct electricity between LED strip segments
- Maintain the center-to-center distance between LEDs for light consistency and uniform appearance

### Power Adapter (not shown)

- Plugs into standard 120V outlets
- Available in 12V/4A - UL Listed
- Powers up to 32' of LED strips per 4A on a continuous basis

### Strip Wire (not shown)

- Used to connect LED strip to a power adapter (or other LED strip sections) over long distances
- Flexible, easy to conceal, 2 conductor Flat Wire (0.025" thickness)
- Standard reels of 16'-long strip (black color, can be easily secured with tape, and even painted onto a wall)

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