Introducing Thread™.
Linear LED lighting system.
Add dramatic LED lighting to any space, simply.
Thread™ fixtures are designed not to attract attention – except for the dramatic lighting effects they help you achieve. This easy to install system includes a variety of convenient lengths and connection options that allow you to link uninterrupted runs to almost any length you need.

Quality you can see
Thread linear LEDs are self-driven making them sleek and easy to install – no external drivers are required. They provide continuous, efficient LED light with consistent color temperature of either 2700K or 3500K from fixture to fixture thanks to the KolourOne binning process of each LED package. Thread fixtures are available from 2.8 to 13 Watts, and in 6”, 10”, 21” and 30” lengths and can be easily connected to achieve a maximum of 65’ runs off one power feed. The combination of convenient lengths, wattages, color temperatures and connection options make Thread the most versatile system available.
No more dreary spaces
Thread can add drama to unnoticed details and serve as useful task lighting at the same time. Open soffits, countertops, toe-kicks, coves and architectural ceiling details in homes, and retail or commercial spaces, become design opportunities using dramatic, yet functional lighting.

In the home
Thread can illuminate kitchen countertops and vanities, add reflected light from open soffits and accent the base cabinets all while out of view.

Hospitality suddenly gets more inviting
Long, uninterrupted runs of efficient LED light can make even the most uninteresting spaces impressive. Architectural details in lobby ceilings and walls, seating areas and guest rooms can be easily accentuated to create added dimension and interest.

Restaurants and lounges come alive
Add drama to bars and dining areas in the most creative ways with this versatile LED lighting system. Showcase top-shelf products in bars, private dining alcoves, even floral displays.

Thread Linear LED System
Technical Overview

Thread internals
• Advanced on-board IC direct drive technology
• No external driver required
• No capacitor = greater reliability and longer life
• Reduced size

KolourOne LED Packages

Patented IC Direct Drive Circuitry

Linear lighting continuity
• Custom PCB (printed circuit board) layout and fixture body design maintain LED package spacing as LED fixtures are joined together.

Consistent 0.5" LED Package Spacing

Removable diffuser lens (included)
• Softens visual glare
• Reduced reflectivity of LEDs from polished surfaces
• With lens removed lumen output increases by approximately 15%
KolourOne advanced color management

It’s what makes Thread different.
• The ANSI range of 2700K is divided into 12 ranks.
• KolourOne LED Packages only use 9 of the 12 ranks within the ANSI standard.
• Without the MRM procedure, the CCT may be spread over the range inside the blue diamond.
• After MRM, the range of CCT will shrink to within the green diamond.
• The Thread system, uses only 6 ranks and blends those ranks, so that the actual CCT range is much smaller and is similar to a 5-step McAdam ellipse. Ranking falls within the black dashed diamond.

Connections are quick and easy

Keyed connectors
• Assures proper current flow
• Makes connections simple

Non metallic closed junction box
• Available with and without on/off rocker switch on cover plate
• ½" Knockouts on 3 sides and back of box
• Female power connector located at front end of box

3.5" L x 2" W x 1.5" H (shown cover removed)
Each Thread linear LED system comes with:

- Flat mounting clips
- 45° Mounting clips
- Closed end cap
- Removable diffuser

Connection accessories (optional)

- Direct connector 63-302
- Connecting cable 2" 63-303, 6" 63-304, 12" 63-305, 18" 63-306, 24" 63-307
- Cable splitter 63-309
- Female to female coupler 63-311

Power accessories (optional)

- 10' switched power cord & plug 63-301
- Hardwire junction box 63-308
- Hardwire junction box without switch 63-310
- Hardwire junction box (bottom view) 63-308
- Hardwire junction box (Female connector view) 63-310
Key features

- Available in 6”, 10”, 21” and 30”
- On board IC driver—no external driver required
- 2700K or 3500K
- 312 Lumens per foot at 2700K
- 330 Lumens per foot at 3500K
- CRI 80+
- Diffuser lens for even light – eliminates hot spots and glare – included
- Flat mounting clips, 45° mounting clips, removable diffusing lens and closed end cap included with each unit
- Very low heat, no UV or IR radiation
- Direct-wire or portable installations – various connection accessories available
- Up to 65’ continuous runs off one power feed

- Exact spacing of LEDs, including fixture to fixture for consistent, even lighting
- 50,000 hours rated life
- ENERGY STAR certified for under-cabinet and cove applications
- 5 year warranty*
- Construction: Extruded polycarbonate body and diffuser lens
- Power: 120V AC
- Light source: KolourOne S050 LED 2700K and 3500K
- Finish: White
- Dimming to less than 5% with electronic low voltage (ELV) dimmers
- Damp location listed

Specifications

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<th>Item #</th>
<th>Size</th>
<th>Type</th>
<th>Color Temperature</th>
<th>Watts</th>
<th>Voltage</th>
<th>Luminous Flux</th>
<th>Luminous Efficacy</th>
<th>Color Index</th>
<th>Beam Angle</th>
<th>Life Hours</th>
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**Warranty** The Thread LED Under-Cabinet and Cove Linear LED System is warranted by Satco Products, Inc. when delivered in new condition and in its original package against defects in material and workmanship for a period of 5 years from the original date of purchase. All warranty claims should be returned to Satco. Contact Satco to obtain return authorization. Once returned, and product is proven to have manufacturing defect upon inspection by Satco, product will be repaired or exchanged as determined by Satco.