

Introducing Thread™.

Linear LED lighting system.
Simple. Functional. Consistent. Reliable.



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 constant 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.



THREAD™ LINEAR LED SYSTEM



Cove and
under-cabinet

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

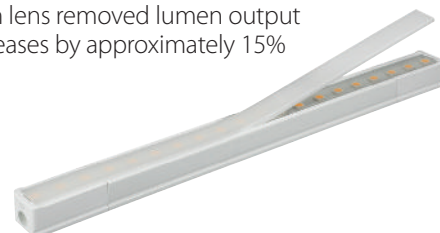
- Custom PCB (printed circuit board) layout and fixture body design maintain LED package spacing as LED fixtures are joined together.

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%

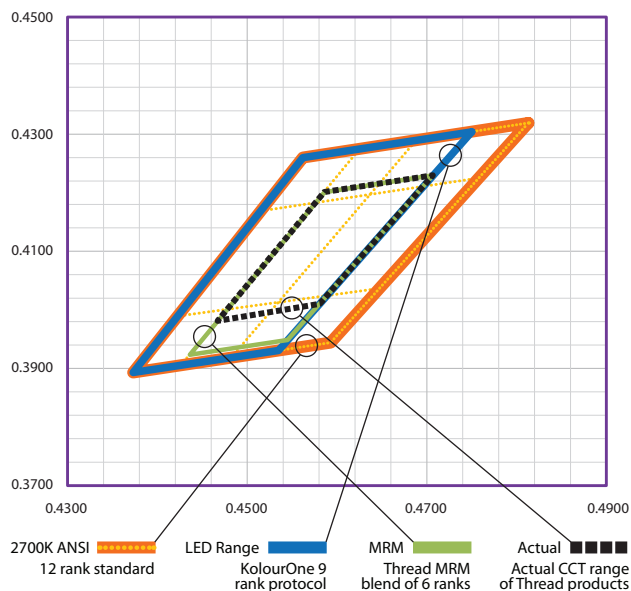


KolourOne advanced color management

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 MacAdam ellipse. Ranking falls within the black dashed diamond.

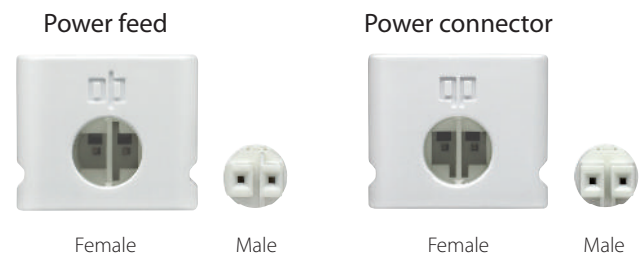
MRM (Multi-Rank Mix) Diagram



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
- 1/2" Knockouts on 3 sides and back of box
- Female power connector located at front end of box

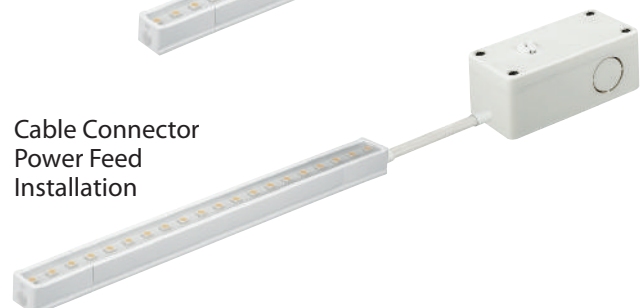


3.5" L x 2" W x 1.5" H (shown cover removed)

Direct Connector Power Feed Installation



Cable Connector Power Feed Installation





Accessories

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

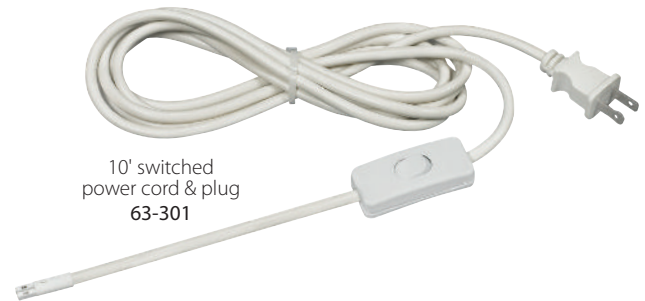


Cable splitter
63-309



Female to female coupler
63-311

Power accessories (optional)



10' switched
power cord & plug
63-301



Hardwire junction box
with switch
63-308



Hardwire junction box
without switch
63-310



Hardwire junction box
(bottom view)



Hardwire junction box
(Female connector view)



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 5050 LED 2700K and 3500K
- Finish: White
- Dimming to less than 5% with electronic low voltage (ELV) dimmers
- Damp location listed

Specifications

Item #	Size Type	Color Temperature	Watts	Voltage	Luminous Flux	Luminous Efficacy	Color Index	Beam Angle	Life Hours	Dimensions
63-101	6"	2700K	2.4W	120V	156	56	80†	110°	50,000	6" L x .826" W x .708" H
63-201	6"	3500K	2.4W	120V	165	59	80†	110°	50,000	6" L x .826" W x .708" H
63-102	10"	2700K	4.2W	120V	260	62	80†	110°	50,000	10" L x .826" W x .708" H
63-202	10"	3500K	4.2W	120V	275	65	80†	110°	50,000	10" L x .826" W x .708" H
63-103	21"	2700K	8.8W	120V	540	61	80†	110°	50,000	21" L x .826" W x .708" H
63-203	21"	3500K	8.8W	120V	570	65	80†	110°	50,000	21" L x .826" W x .708" H
63-104	30"	2700K	13W	120V	800	62	80†	110°	50,000	30" L x .826" W x .708" H
63-204	30"	3500K	13W	120V	840	65	80†	110°	50,000	30" L x .826" W x .708" H



Damp Location

ENERGY STAR, ETL and FCC certification

***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.



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