

FLEX II

LED TRACK LIGHTING

Easy as 1, 2, 3

Step-1 *Fixtures & Bulbs*

The easiest—and most fun—part is selecting the quantity and style of and bulbs and fixtures for your Flex II kit.

Identify the type of MR16 bulbs you need.

(See page 2 for available options and page 3 for recommendations).

Choose from our wide selection of satin nickel, glass, and pendant fixtures.

(See pages 4-8 for fixture styles).

Step-2 *Track & Live Feed*

Next, you will map out your track lighting configuration, including where to install the included mounting stems, driver, and live feed. Note that the Flex II track:

- is completely flexible along a horizontal plane.
- may be cut easily using a hack saw.
- comes in 10ft runs, extendable by additional 10ft lengths. Call us for larger/custom runs.

Step-3 *Driver*

Step by step guide to installing your Flex II LED track lighting kit, with your choice of LED power supply:

- REMOTE Highly utilitarian, this unit is designed to be installed and serviced inside a closet or behind the ceiling or wall. See page 5 for installation diagram.
- DECORATIVE This stylish unit is recommended for exposed installations with an existing electrical box in the ceiling or wall. See page 6 for installation diagram.

Please consult with an LED Waves specialist for custom wire lengths from the driver to the track, and to ensure that the wire gauge can accommodate the total Wattage of your lighting system without voltage drop.

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How to select your track lighting



Step 1

Determine where you want to place your track lighting.



Step 2

Select the fixtures you would like to use.

Step 3

Select the bulbs the best fit your needs.

Select the beam angle to best fit your needs.

* SEE LAST PAGE.

Step 4

Select the driver to best fit your needs (remote or decorative)

Select the beam angle to best fit your needs.

* SEE LAST PAGE.

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What's Inside the Kit?

All Flex II LED Track Lighting Kits come standard with the following:

- Track light fixtures (quantity and style of your choice).
- LED MR16 bulbs (one per fixture, CCT and beam spread of your choice).
- 10 feet of cuttable, flexible track.
- 2x end caps.
- 6x 5in. ceiling stems (see following page for more info).
- Dimmable LED power supply.
- Live feed.











Pictured above:

- a. 5in. ceiling stem
- b. flexible track
- c. Omega fixture
- d. LED MR16 bulb

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Additional Mounting Accessories

A wide range of ceiling stems opens a world of possibilities for mounting your Flex II track

<p>0 Stem</p>  <p>0" Stem - Holds the track almost flush with the ceiling</p>	<p>5 inch Stem</p>  <p>5" Stem - Standard, most popular length; holds the track 5" from the ceiling</p>	<p>12 inch Stem</p>  <p>12", 18", 24" Stem - Designed for rooms with higher ceilings</p>	<p>18 inch Stem</p> 
<p>24 inch Stem</p> 	<p>Cuttable Stem</p>  <p>Cuttable Stem - X inches long; can be customized to your desired length</p>	<p>Adjustable Angle Stem</p>  <p>Adjustable Angle Stem - Holds the track horizontally in rooms with pitched ceilings</p>	<p>Wall Mount Stem</p>  <p>Wall Mount Stem - Holds the track straight along the side of a room</p>

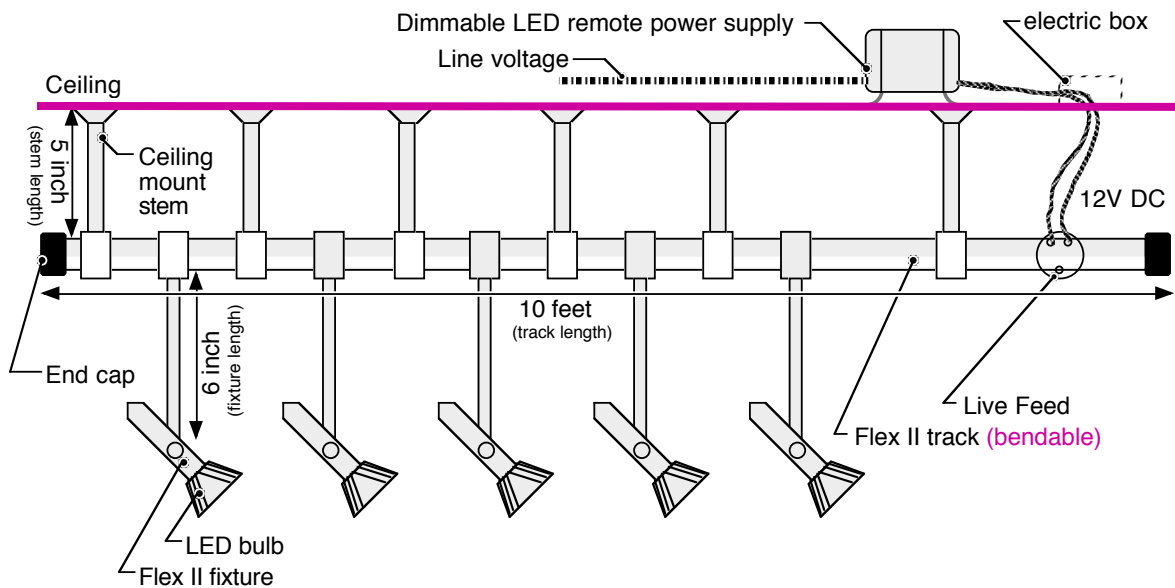


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How to install a Flex II Kit with a REMOTE LED Power Supply-dimmable

Installation diagram (with dimmable LED remote power supply)

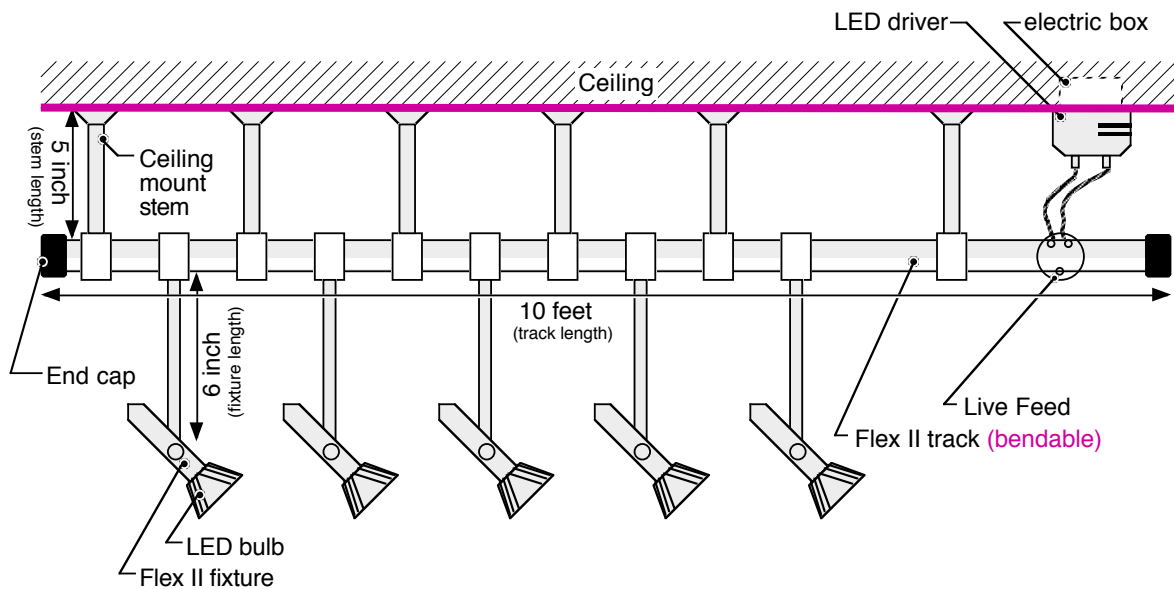


FLEX II

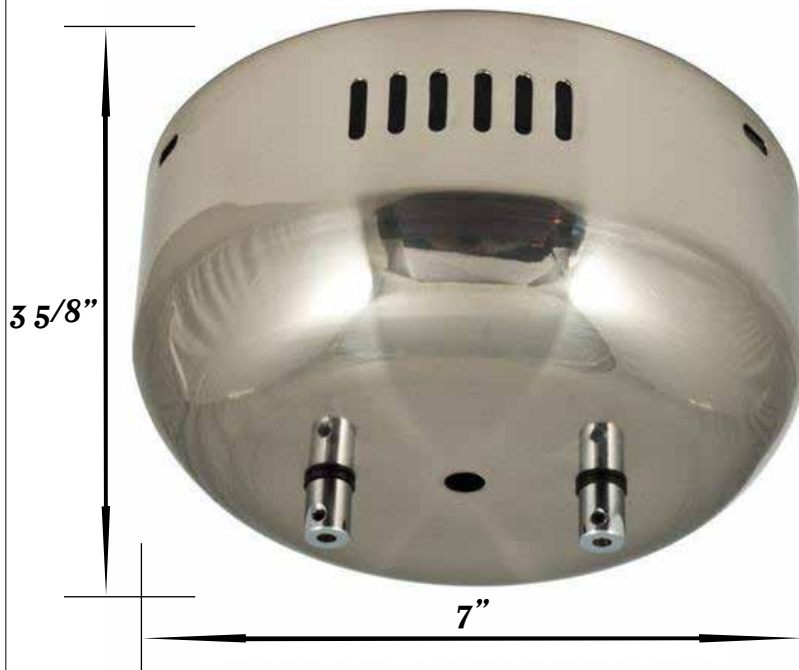
LED TRACK LIGHTING

How to install a Flex II Kit with a DECORATIVE LED Power Supply-dimmable

Installation diagram (with dimmable LED power supply in decorative housing)



Dimmable LED power supply in decorative housing



LIVE FEED



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Track extension 10 FT modules

Flex II™
system
Do It Yourself!



1



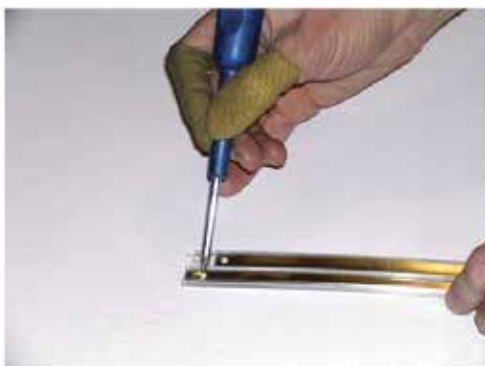
2 Remove connectors



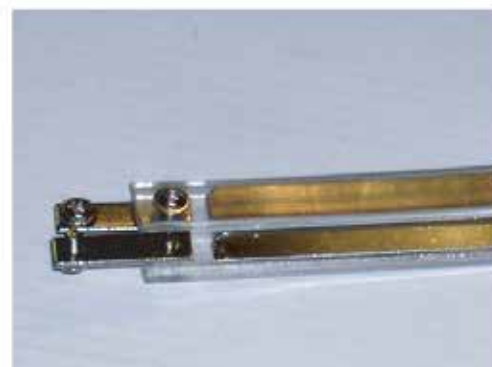
3 Pull out conductors



4 Cut OFF 3/4"



5 Align holes on other end



6 Reconnect

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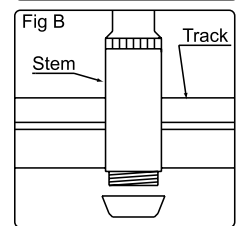
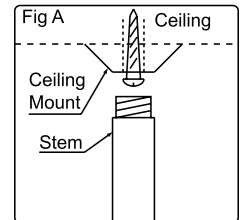
Mechanical Installation Instructions

When installing or using this track system, basic safety precautions should always be followed, including the following:

- Read all instructions.
- Disconnect electrical power before installing this track system.
- Do not install this track in damp or wet locations.
- Do not install any part of a track system less than 5 feet above the floor.
- Do not install any fixture assembly closer than 6 inches from any curtain, or similar combustible material.
- Disconnect electrical power before adding to or changing the configuration of the track.
- Do not attempt to energize anything other than Flex II Track Lighting fixtures on the track.
- Do not connect a track to more than one branch circuit unless the track is constructed so that it can be used with more than one branch circuit.

Installing ceiling stems

1. Based on your desired design, determine where approximately your track will run on the ceiling.
2. A stem should hold up each end of the track, and the remaining stems should have no more than 2 feet of track between them.
3. After you have mapped the locations of the stems on your ceiling, drill a 1/8" hole and insert a plastic wall insert at each of the desired stem locations.
4. Attach the base with ceiling mount and secure with screwdriver for each hole location. (Fig. A)

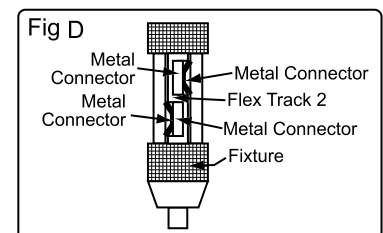


Inserting track through stems

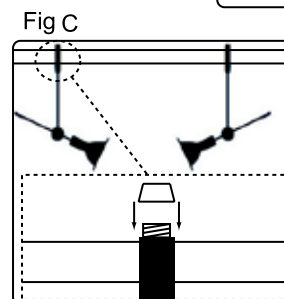
1. Unscrew bottom of stem mount (cap), insert track.
2. Close the stem mount by screwing the cap back on. (Fig. B)

Installing the Flex II fixtures

1. When inserting the fixture make sure the metal connectors align properly. The metal connectors on the fixture should touch the metal connectors on the flex track. (Fig. D)



2. Remove the cap from the fixture and place fixture on the track.
3. Replace the cap and tighten. (Fig. C)



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SELECT THE BULBS THE BEST FIT YOUR NEEDS

How to select the Flex II MR16 LED light bulb that best fits your needs

Color Temperature:

2700 Kelvin – Very Warm White.

- Sometimes called incandescent yellow, this is effectively a true incandescent replacement as it is not the color typically associated with LED lighting.
- Ideal for areas where soft lighting is desired, including bedrooms, bathrooms, and entertaining areas.
3000 Kelvin – Warm White.
- While still in the warm range of the Kelvin scale, this bulb is slightly brighter than its 2700K counterpart.
- Perfect in-between choice for bedrooms, living rooms, hallways, and other shared spaces.
4000 Kelvin – Neutral White.
- Also known as daylight white, this bright bulb mimics the quality of light from the sun.
- Excellent for spaces requiring high visibility, including kitchens, studies, and other work stations.

SELECT THE BEAM ANGLE TO BEST FIT YOUR NEEDS

Beam Angle:

22° – Narrow.

- This beam angle is best used as a spotlight or for task lighting in a work station.
- Recommended for kitchens, work stations, and wherever artwork is on display.

40° – Flood.

- This beam angle delivers a wide spread for wall washing or general overhead lighting.
- Recommended for bedrooms, bathrooms, and entertaining areas.