




STEP 4. CHOOSE YOUR TRANSFORMER + CANOPY SEE PAGE 359 FOR TRANSFORMER TECHNICAL INFO

FUSION TRANSFORMERS

All monorail lighting systems require a transformer to convert standard 120 voltage to a safe-to-touch 12 volts. Fusion 2-Circuit Monorail can be powered with surface mounted transformers or with remote transformers.

SURFACE MOUNTED TRANSFORMERS All Fusion 2-circuit surface mounted transformers are encased in a satin nickel metal housing and mount to any standard ceiling electrical box. Typically, you use a surface transformer when an accessible location above the ceiling or in a utility closet is unavailable for installing a remote transformer. *Please refer to the technical info on page 359 for important transformer information and performance specs.*

300W (2x150W) and 500W (2x250W) surface mount transformers are available to power your system. 10 AWG flexible coaxial feeder (patent pending) and 2-circuit wire cleanly and attractively sends power to your system. 36" length is standard for our coaxial feeder. It is easily shortened in the field. Consult factory for longer lengths.

CHOICES	WATT & TYPE	MODEL #	INPUT	OUTPUT	COMPATIBLE DIMMER
 <p>6" 3" (36" standard length)</p>	12 volt/ 300 watt AC Electronic	TRANS-SFE300-2 <i>Best suited for short runs of 12' or less.</i>	2x120VAC/2x1.25A <i>Consists of two independent primaries.</i>	2x150W	Electronic Low Voltage Dimmer <i>Lutron is recommended.</i>
 <p>7.56" 3.51" (36" standard length)</p>	12 volt/ 300 watt Magnetic Toroidal/ Integral Dimming Coil	TRANS-SFM300-2	2x120VAC/2x1.25A <i>Consists of two independent primaries.</i>	2x150W	Magnetic Low Voltage Dimmer <i>Lutron is recommended.</i>
 <p>10" 5.75" (36" standard length)</p>	12 volt/ 500 watt Magnetic Toroidal/ Integral Dimming Coil	TRANS-SFM500-2	2x120VAC/2x2.08A <i>Consists of two independent primaries.</i>	2x250W	Magnetic Low Voltage Dimmer <i>Lutron is recommended.</i>

OUR UNIQUE COAXIAL FEEDER mimics a solid satin nickel stem when straight. The braided steel outer jacket and the rail adapter beautifully complement the entire Fusion system! You can leave it wavy, too! *NOTE: Because a two-circuit flexible feeder has an additional wire, we recommend ordering a solid stem cover (FDRCVR-48"-2 or FDRCVR-96"-2) to achieve the best look.*

ALL Remote Transformers must be accompanied by a Remote Canopy. The Remote Canopy covers the ceiling/wall electrical box and is equipped with a 36" flexible coaxial power feeder (patent pending; see bottom of this page).

HOW TO CALCULATE YOUR WATTAGE NEEDS 150, 250, 300 or 600 watt transformer options are available. 4" remote canopies are available for ceiling and wall remote transformer applications. To find which is right for your system, add up the total wattage of the pendants or heads you'll be using (the number of pendants or heads times the total lamp wattage per fixture = total wattage). A combination of wattages may be chosen as long as the maximum wattage allowed by the transformer is not exceeded. For example (6) 50 watt, (8) 35 watt, or (14) 20 watt elements can be specified per 300 watt transformer. (12) 50 watt, (16) 35 watt, or (30) 20 watt elements can be specified per 600 watt transformer. Double a 600 watt limit when using (2) 600 watt transformers and a dual-feed canopy.

ADDITIONAL IMPORTANT TRANSFORMER INFORMATION: Aside from wattage requirements and accessibility, the other important factor to consider when choosing a transformer is "voltage drop". The further a light source (pendant/head) is located from the transformer, the lower its voltage and brightness. Certain Fusion transformers are better suited to handle longer rail runs and distances from the transformer to the furthest light source. Please refer to the technical info page 359 for more transformer information and performance specifics to choose the best model for your application.