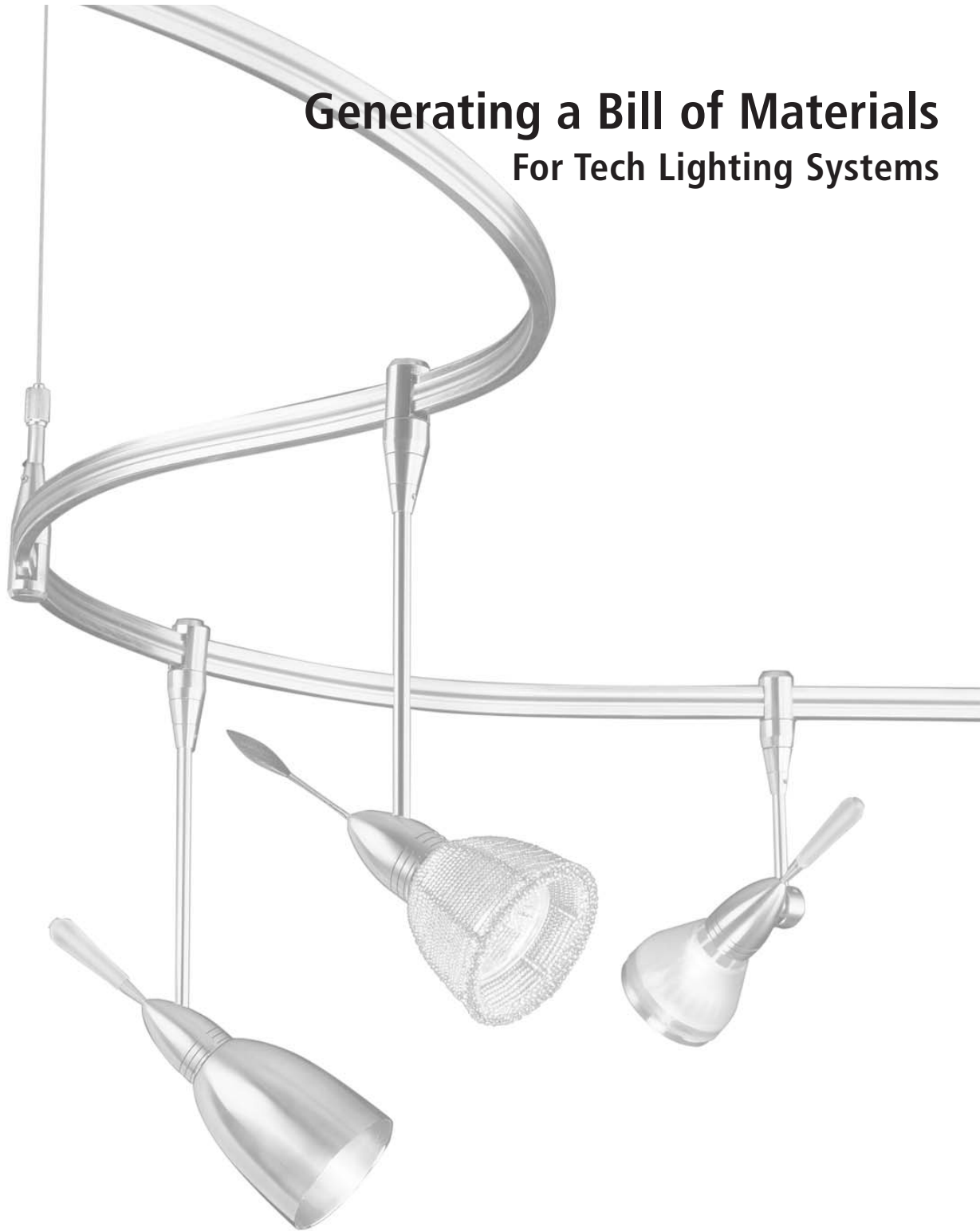


Generating a Bill of Materials For Tech Lighting Systems



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921BOM03

TECH
Lighting[®]

WHAT IS A BILL OF MATERIALS?

A bill of materials is the list of product computer numbers that are required to accurately price and supply a lighting system.

Before you begin, you will need a rough plan of the lighting required for your project or a list of the pieces your client has requested.

Process overview

1. Use the catalog to help you select the appropriate system, elements, and options for your job.
2. Use the layout worksheet to gather information.
3. Use the detailed steps in this booklet to determine the exact part numbers of the Tech Lighting products required for the project.

Tools



Full Line Catalog



Layout Worksheet



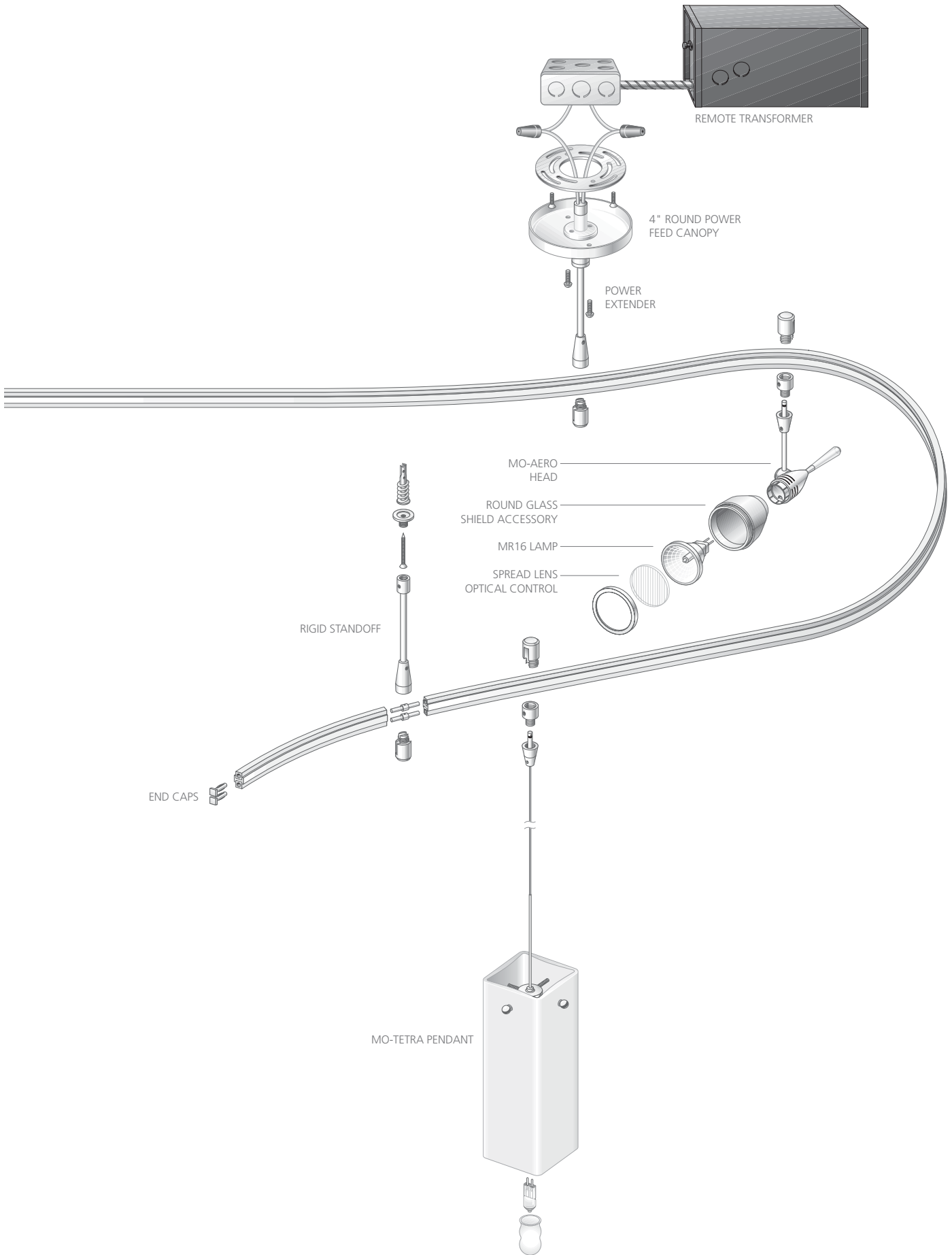
This Booklet

Additional resources

Your local Tech Lighting sales representative can provide you with product information and pricing. For the name and phone number of your local rep, visit our website: www.techlighting.com.

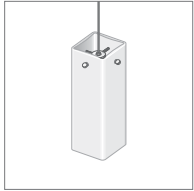
Also visit our website for technical and product information, including spec sheets and instructions.

Our toll-free Quotation and Technical Support Hotline, 800.522.5315 is available Monday-Friday, 8:30 a.m.-5:00 p.m. Central Standard Time.



GENERATING A BILL OF MATERIALS

Step One: Design Your MonoRail System



ELEMENTS (Pendants, Heads, and Functional Art):
 Choose elements from system thumbnail. (pp. 30-31)
 Determine part number(s). (pp. 116-175)

Choose Accessories and Optical Controls, if required or desired.
 (pp. 116-175)
 Determine part number(s). (pp. 228-231)

Choose lamps, 12 or 24 volt, that do not exceed
 maximum wattage of element or accessory.
 (may be included; pp. 116-175).
 Determine part number(s). (pp. 220-225)

Add up total lamp wattage on system.

FINISH:

Choose finish of system and make sure all components
 are specified as such.

DRAWING:

Use scaled drawing as a reference.

LENGTH:

Measure length of MonoRail run; determine quantity
 and length of MonoRail pieces required. (p. 32)

Specify one pair of End Caps for each open end of run. (p. 33)

Determine number of Standoffs, one for every three feet of run.

Does the run include a sharp angle or turn?
 If so, specify a Flexible Connector to make the turn. (p. 33)

Would you like the rail to be custom bent at the factory? If so, please
 provide the degree and radius of each curve by fax to the quotes
 department, 847.410.4720, for a quotation.

QTY. PART NUMBER

700MO _____

700MO _____

700MO _____

700 _____

700 _____

300BLV _____

300BLV _____

_____ watts

(C) CHROME
 (G) GOLD
 (S) SATIN NICKEL

700MOA _____

700MOA _____

700MOCCAP _____

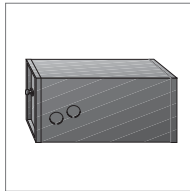
of standoffs _____

700MOCFXH _____

Step Two: Add Power and Hardware to Complete the System

QTY. PART NUMBER

TRANSFORMER:



Remote Transformer (p. 34)

Choose:

Magnetic or electronic

12 volt or 24 volt

*Output wattage _____

Single or dual-feed

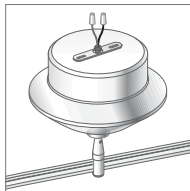
700AT _____

AND

Specify a Power Feed Canopy, single or dual-feed. (p.14)

AND
700MOP _____

OR



Surface Transformer (p. 35)

Choose:

Magnetic or electronic

12 volt or 24 volt

*Output wattage _____

Single or dual-feed

OR

700MOSRT _____

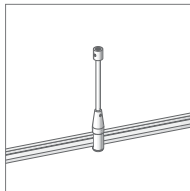
**Wattage of the transformer must meet or exceed wattage of lamps calculated on previous page.*

If powering system with more than one transformer, add Isolating Connectors (p. 33) to isolate the feeds from each other.

700MOCINC

If dropping system a distance below ceiling, add one Power Extender (p. 35) to each power feed (add two when using dual-feed).

700MOP _____



MOUNTING:

Select Standoffs (p. 33) that match or exceed drop of the Surface Transformer or Power Feed. Refer to Length section on previous page for quantity.

700MOS _____

Is the ceiling vaulted? If so, specify one Power Vault Adapter (p. 36) for each power feed (add two when using dual-feed).

700MOPVLT _____

Then specify one Standoff Vault Adapter for each Standoff. (p. 36)

700MOCVLT _____

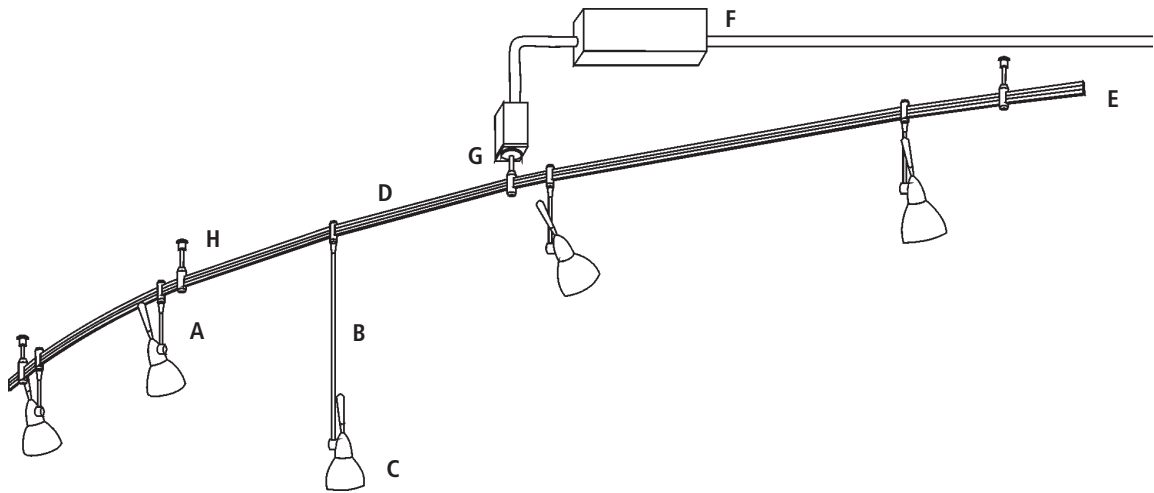
SPECIAL:

This outline covers only the most common MonoRail applications, but MonoRail can do almost anything. For other MonoRail system options, see Special Installations on pp. 36-37 of the catalog, or call your local representative or Tech Lighting quotes department (800.522.5315).

SAMPLE BILL OF MATERIALS

MONORAIL SYSTEM

As seen on p. 38 of the Full Line Catalog



Item	Quantity	Computer Number	Description
A	4	700MOAE3S	MO-Aero 3", satin nickel
B	1	700MOAE12S	MO-Aero 12", satin nickel
C	5	300BLV138	12v 50w MR16 lamp, GE EXZ 27°
C	5	700MR16GF	Round Glass Shield Accessory, frost
D	1	700MOA96S	MonoRail, 96", satin nickel
D	1	700MOA48S	MonoRail, 48" satin nickel
E	2	700MOCCAPS	End Caps, pair, satin nickel
F	1	700AT300T	Remote Magnetic Transformer, 12v 300 watts
G	1	700MOP2C02S	Single Feed Canopy, 2" square, satin nickel
H	3	700MOS02S	Rigid Standoff, 2", satin nickel

CHECKLIST

Make sure your Bill of Materials includes:

- Transformer (pp. 34-35)
 - Power Feed Canopy (for remote transformer; p. 34)
 - Power Extender (if necessary; p. 35)
 - Isolating Connectors (if necessary; p. 33)
 - Standoffs—one for every three feet of run (p. 33, standoff lengths must match power feed length)
 - MonoRail (p. 32)
 - End Caps (one pair for each open end; p. 33)
 - Elements (pp. 30-31)
 - Accessories and Optical Controls (pp. 228-231)
 - Lamps—if not included with elements; (pp. 220-225, lamps must not exceed maximum wattage of element or accessory)
- Make sure all finishes match and computer numbers end with C (Chrome), G (Gold) or S (Satin Nickel)