tiella™

real light, real simple

Rail 6-23
Hand-bendable
low-voltage Rail.

MonoPoint 24-31
Low-voltage canopy
and element options.

Real Lighting For Better Living

Looking for a way to easily add light, shape and color to a space? Searching for quality and affordability in the same package? Choose tiella™. We offer premium design possibilities, and we make them simple.

Our product offering includes Rail, a low-voltage system that offers design flexibility. Hand-bend your Rail system, then customize by choosing from a full line of colorful Pendants or Heads. Or, select from the same elements and display them from canopies using the MonoPoint systems. Complete the look by adding a matching Wall Sconce or Ceiling fixture. Dress up your bathroom with a Vanity Bar. The possibilities are endless. Add your own sense of style to virtually any space.

tiella is one of North America's best low-voltage architectural lighting brands. All tiella products are very easy to install, and we have you covered with world-class customer service and support.

tiella…real light, real simple

Elements 32-55
Pendants and directional heads.

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tiella™ Easy Kits 68-81
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Technical information.

Index 87

Satin Nickel MonoPoint Flush Canopies / Taos Pendants, Blue Frit / Bi-Pin Lamps

Photographer: Kirk Gittings Photography

How to Use This Catalog

Begin by choosing the product best suited for your project. The "Product Offering" section on pp. 2-3 provides an overview. Then each section of the catalog describes a product category in detail.

Our "Rail" section contains step-by-step instructions on how to put a system together and a quick overview of its compatible elements.

All pendants and heads in the "Elements" section have a key illustrating the type of lamp and maximum wattage—use this information to determine the total wattage needed for your Rail system to help you choose a transformer. Refer to pp. 32-55 for detailed information about elements, including dimensions and color options.

The "Rail" section emphasizes the most common Rail system components. For more complex applications, our "Special Installations" pages give you more options so virtually any layout you imagine can be achieved with standard, readily available components.

This catalog also features item number grids for ease of ordering. For example, here is the grid for a Sola head:

800	SYSTEM	**SLH**	LENGTH (A)	FINISH
	MP MonoPoint		**03** 3"	**Z** Bronze
	RL Rail		**06** 6"	**S** Satin Nickel
			12 12"	
			18 18"	

Note: The default characters of the item number are bold. Select from the choices below each option field to build the complete item number.

About Finishes

tiella™ products are available in three standard finishes:

Bronze: Plated or powder coat finish featured on select Rail, MonoPoint, Wall, Ceiling and Easy Kit based products.

Satin Nickel: Brushed nickel plated finish, featured on Rail, MonoPoint, Wall and Ceiling products.

Matte Nickel: Nickel powder coat finish, featured on many of our Easy Kit based products.

Some canopy housings are also available in Black and White. Some Easy Kits are also available in White.

How to Buy tiella

For the Consumer-

Our products are available through lighting showrooms throughout North America. For showrooms in your area, please visit our website: **www.tiella.com**.

For the Lighting Professional-

Our products are available through a network of knowledgeable sales representatives. For a representative in your area, please visit our website, **www.tiella.com**, or call us at **(847) 410-4400**.

Meets 2008 NEC STANDARDS

Certain products shown in this catalog have patent protection or patents pending. © 2008 tiella. All rights reserved. The "tiella" graphic is a registered trademark of tiella. tiella reserves the right to change specifications for product improvements without notification.

Rail

Showcase the best parts of your space with a Rail system.

8-11, 23 Applications
12-13 Rail Basics
14 Pendants
15 Heads
16 Rail
17 Connectors & Standoffs
18 Remote Transformers & Power Feed Canopies
19 Surface Transformers
20-21 Special Installations
22 Rail Packs

Satin Nickel Rail / Dual-Feed 600 Watt Surface Transformer / 24" Power Extenders / 24" Rigid Standoffs / End Caps / Sola Pendants / Glass Shade Accessories, Amber / MR16 Lamps / Focus Heads / MR16 Lamps

Photographer: ©2007 denmarsh photography
Location: Litchfield Dining Hall, University of Pittsburgh
Lighting Designer: LaFace & McGovern
Architect: MacLachlan Cornelius & Filoni, Inc

Satin Nickel Rail / 300 Watt Remote Transformer / Single-Feed Canopy / 2" Rigid Standoffs / End Caps / Calypso Pendants, Latte / Bi-Pin Lamps / Aries Heads / Metal Shade Accessories / MR16 Lamps

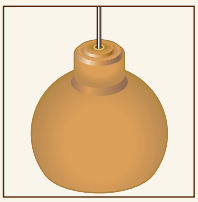
Bronze Rail / 300 Watt Remote
Transformer / Single-Feed Canopy /
2" Rigid Standoffs / End Caps /
Taos Pendants, Amazon Frit /
Bi-Pin Lamps

Photographer: Terry Wieckert
Location: Mojo's on 86th - Johnston, IA
Designer: Rebecca Cartwright

Bronze Rail / 300 Watt Remote Transformer / Single-Feed Canopy / 2" Rigid Standoffs / End Caps / Cara Pendants, Amber / Bi-Pin Lamps / Aries Heads / Glass Shade Accessories, White / MR16 Lamps

Basics

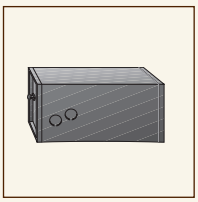
1 Design Your Rail System



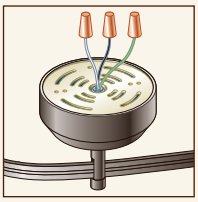
The first step in designing your Rail system is to determine what you are trying to light. You will need to decide where the heads or pendants should be installed to put light where you want it. See Compatible Elements on pp. 14-15 for thumbnails of all available elements with lamp type and maximum wattage. Refer to indicated pages for detailed specifications.

Draw your Rail run. Remember, Rail can be shaped by hand to follow architectural details or to create an organic shape. Factory pre-bent shapes are also offered in several configurations. Your Rail must be placed so it runs directly beneath either the junction box with surface transformer or the power feed canopy and intersects the locations of the elements. Determine how many pieces of Rail you will need (p. 16). Add an end cap to each end of the run for a finishing touch (p. 17).

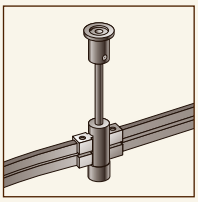
2 Add Power and Hardware to Complete the System



Add up the wattages of the lamps you'll be using on the system; this will help you select a transformer. A remote transformer with power feed canopy provides the cleanest look, but the remote transformer must be installed in an accessible, remote location. A surface transformer simply mounts to a junction box. Use the information on p. 84 to help you choose the right transformer for your installation; see pp. 18-19 for Rail transformers and power feed options.

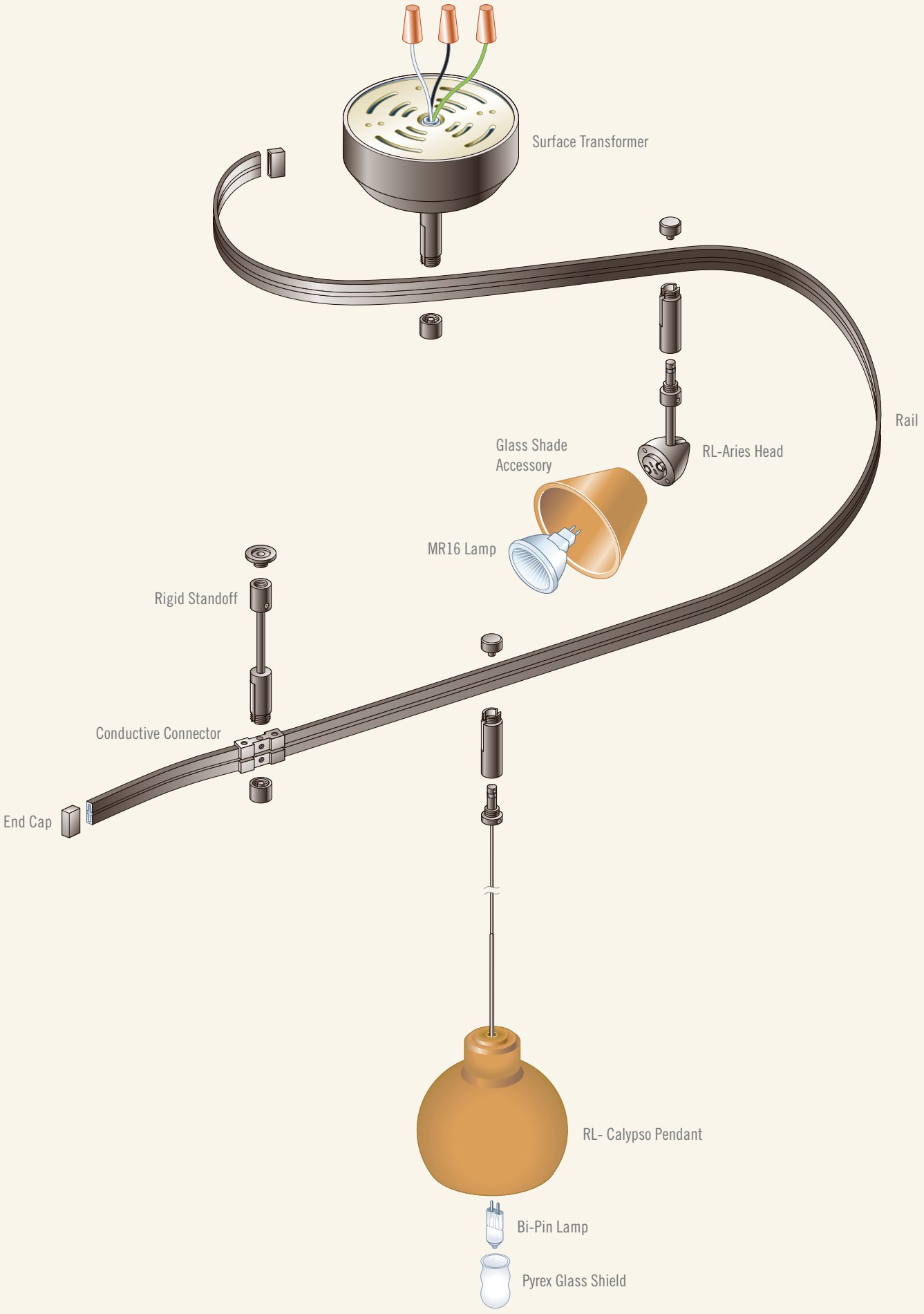


Determine how far from the ceiling you want the system to drop. Power feed canopies place the rail two inches from the ceiling; surface transformers drop it from 3.5 to 5.5 inches, depending on the type of transformer. If this drop is shorter than you require, you'll need to add a power extender (p. 19) to your canopy or surface transformer. The maximum standard drop for a Rail system is eight feet.



Next, add standoffs that match the drop of your power feed to support the system (p. 17). Adjustable standoffs provide a clean look. Choose rigid standoffs for curvy runs, or runs with multiple glass pendants. You will need one standoff for every three feet of rail. The power feed may be considered as a support, so begin adding standoffs three feet from the power feed. Note: Power extenders and standoffs are field-cuttable, so it's easy to achieve a custom drop length.

Rail can do almost anything. For other Rail system options, such as mounting to a vaulted or T-bar ceiling, see Special Installations on pp. 20-21.


Surface Transformer
Rail
Glass Shade
Accessory
RL-Aries Head
MR16 Lamp
Rigid Standoff
Conductive Connector
End Cap
RL- Calypso Pendant
Bi-Pin Lamp
Pyrex Glass Shield

Compatible Elements

Bi-pin MR16 Shows lamp type and maximum wattage.

All of the elements shown on these pages are available for the Rail system. Refer to the indicated pages for color options, specifications, and ordering codes.

*Shown accessorized. Accessories sold separately. For accessory options refer to the indicated pages.

MR16 Shows lamp type and maximum wattage.

All of the elements shown on these pages are available for the Rail system.
Refer to the indicated pages for color options, specifications, and ordering codes.

50 **Aries***
Pg. 52

50 **Axis***
Pg. 53

50 **Focus**
Pg. 53

50 **Sola Head***
Pg. 54

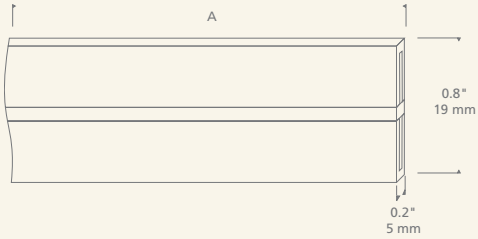
*Shown accessorized. Accessories sold separately. For accessory options refer to the indicated pages.

Rail

Bronze

Satin Nickel

Shown actual size



Rail

Hand-bendable (horizontal only), field-cuttable Rail is rated for 300 watts at 12 volts. Each piece of Rail is shipped with a conductive connector to join Rail pieces end to end. Order additional connectors (p. 17) if cutting and rejoining rails.

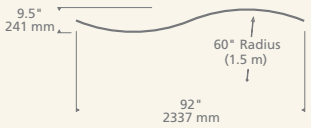
800RLA	LENGTH (A)	FINISH
	48 48"	**Z** Bronze
	96 96"	**S** Satin Nickel

TIP: To calculate the amount of Rail you'll need for an organic shape, draw the Rail run to scale (for example, 1/4" = 1'). Use a piece of string to "trace" the drawing. Measure the length of string, then convert from your scale.

Standard Rail bends horizontally to a radius as small as 6". For custom factory bends, provide degree and radius of curve.

Pre-Bent Rail

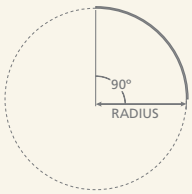
Rail bends very easily by hand to almost any imaginable shape, but we also offer the following pre-bent Rail options to make the most common bends perfectly shaped and even easier to install. For a factory bend not shown below, please call for a custom quotation.



Pre-Bent S Curve Rail

Rail pre-bent into a horizontal S curve. Consult the drawing for approximate dimensions.

800RLBHSC60	FINISH
	Z Bronze
	S Satin Nickel



Pre-Bent 90° Curve Rail

Horizontal 90° curves are sold by radius, or the distance from the center of the circle to the outside edge. Join four 90° curves to create a circle with a diameter (overall width) equal to twice the specified radius.

800RLBH90	RADIUS	FINISH
	12 12"	**Z** Bronze
	24 24"	**S** Satin Nickel
	36 36"	
	48 48"	
	60 60"	

Connectors & Standoffs

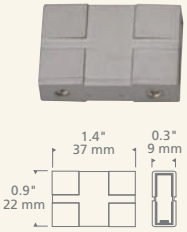
Connectors

End Cap

The decorative end cap fits onto the end of the Rail run for a finished look. Order one for each end.

800RLCCAP FINISH

Z Bronze
S Satin Nickel

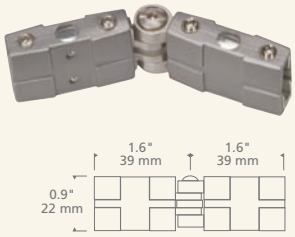


Isolating Connector

This isolating connector joins sections of Rail and isolates power feeds from each other. All dual-feed canopies are shipped with an isolating connector; order isolating connectors if required by layout.

800RLCINC FINISH

Z Bronze
S Satin Nickel

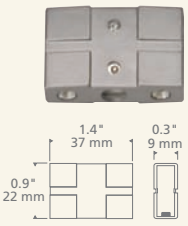


Flexible Connector

This conductive connector joins sections of Rail together end to end at desired sharp horizontal angle from 65° - 295°.

800RLCFXH FINISH

Z Bronze
S Satin Nickel



Conductive Connector

This conductive connector joins sections of Rail together end to end electrically and is included with all Rail pieces. Order separately if cutting and rejoining rails.

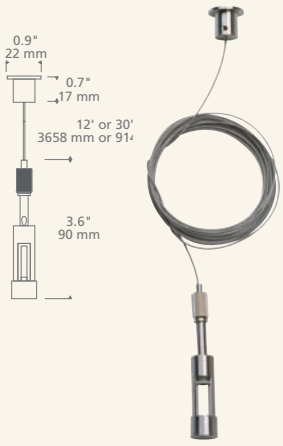
800RLCCNS FINISH

Z Bronze
S Satin Nickel

Standoffs

Use standoff supports every three feet of Rail run and at corners. Standoffs can be positioned over connectors where rails are joined.

TIP: For best appearance, place the last standoff 4-6" from the end of the Rail, and place standoffs symmetrically.



Adjustable Standoff

The adjustable standoff cable virtually disappears for a clean look. It is best used on fairly straight runs with a drop greater than 6". A wire grip allows you to easily shorten or lengthen the cable to size it for use.

800RLSADJ LENGTH FINISH

12' **Z** Bronze
3 30' **S** Satin Nickel

Rigid Standoff

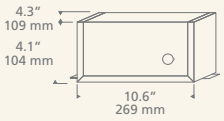
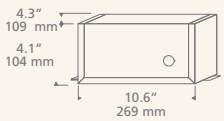
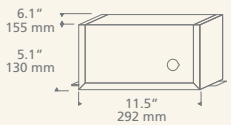
The field-cuttable rigid standoff is recommended for curvy runs or runs with heavier elements, such as glass pendants. Rigid standoffs are compatible with various power feed options: use the chart below to determine the appropriate standoff for your run.

LENGTH	(A)	STANDOFF	FINISH	USED WITH
2"	(1.5")	**800RLS02**	(**Z** or **S**)	-Remote transformer with canopy -Recessed can transformer
3"	(3.5")	**800RLS03**	(**Z** or **S**)	-Surface transformer 150w
4"	(4.5")	**800RLS04**	(**Z** or **S**)	-Surface transformer 300w
5"	(5.5")	**800RLS05**	(**Z** or **S**)	-Surface transformer 600w
6"	(6")	**800RLS06**	(**Z** or **S**)	-Canopy or Surface tran. with 6" power extender
12"	(12")	**800RLS12**	(**Z** or **S**)	-Canopy or Surface tran. with 12" power extender
24"	(24")	**800RLS24**	(**Z** or **S**)	-Canopy or Surface tran. with 24" power extender
36"	(36")	**800RLS36**	(**Z** or **S**)	-Canopy or Surface tran. with 36" power extender
48"	(48")	**800RLS48**	(**Z** or **S**)	-Canopy or Surface tran. with 48" power extender
96"	(96")	**800RLS96**	(**Z** or **S**)	-Canopy or Surface tran. with 96" power extender

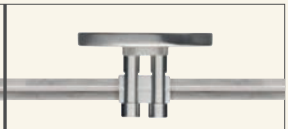
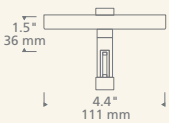
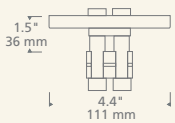
Remote Transformers & Power Feed Canopies

Remote Transformers

Remote transformers install in an accessible location behind the ceiling or wall. For technical information on remote transformers, see p. 85. Requires canopy (below) or special power feed (p. 20).

	Single-Feed		Dual-Feed
	12 volts, 150 watts	12 volts, 300 watts	12 volts, 600 watts
Item Number	**800AT150T**	**800AT300T**	**800AT600T**
Dimensions			
Input Voltage	1 x 120v	1 x 120v	1 x 120v
Output Wattage	1 x 150w	1 x 300w	2 x 300w
Transformer Type	magnetic	magnetic	magnetic
Compatible Dimmer Type	l.v. magnetic, 600 watts	l.v. magnetic, 600 watts	l.v. magnetic, 1000 watts
Compatible Dimming Coil	**800DIM150** (p. 85)	**800DIM300** (p. 85)	**800DIM600** (p. 85)
To Use Special Power Feed	add 1 (p. 20)	add 1 (p. 20)	add 2 (p. 20)
To Plug-In	add plug option (p. 19)	add plug option (p. 19)	add plug option (p. 19)

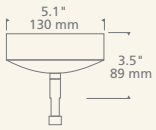
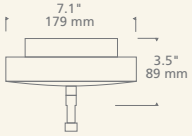
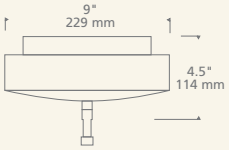
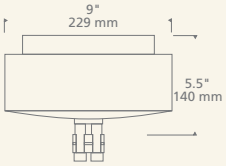
Power Feed Canopies

	Single-Feed Use with single-feed remote transformer	Dual-Feed Use with dual-feed remote transformer
	 single-feed canopy	 dual-feed canopy
Item Number	**800RLP4C02**	**800RLP4C402**
Add Finish	BronZe or Satin Nickel	
Dimensions		
Mounts to	standard 4" square junction box w/ round plaster ring (provided by electrician)	standard 4" square junction box w/ round plaster ring (provided by electrician)
Compatible Rigid Standoff	2" (p. 17)	2" (p. 17)
To Drop System From Ceiling	add 1 power extender (p. 19)	add 2 power extenders (p. 19)

Surface Transformers

Surface Transformers

All surface transformers mount to a standard 4" square junction box with round plaster ring (provided by electrician). For technical information on surface transformers, see p. 85.

	Single-Feed			Dual-Feed
	12 volts, 150 watts, electronic	12 volts, 150 watts, magnetic	12 volts, 300 watts, magnetic	12 volts, 600 watts, magnetic
Item Number	**800RLSRT15E**	**800RLSRT15D**	**800RLSRT30D**	**800RLSRT60D**
Add Finish	BronZe or Satin Nickel			
Dimensions				
Input Voltage	1 x 120v	1 x 120v	1 x 120v	1 x 120v
Output Wattage	1 x 150w	1 x 150w	1 x 300w	2 x 300w
Transformer Type	electronic class 1	magnetic class 1	magnetic class 1	magnetic class 1
Compatible Dimmer Type	incandescent or l.v. electronic, 600 watts	l.v. magnetic, 600 watts	l.v. magnetic, 600 watts	l.v. magnetic, 1000 watts
Compatible Rigid Standoff	3" (p. 17)	3" (p. 17)	4" (p. 17)	5" (p. 17)
To Drop System From Ceiling	add 1 power extender (below)	add 1 power extender (below)	add 1 power extender (below)	add 2 power extenders (below)
To Plug-In	na	add plug option (below)	add plug option (below)	add plug option (below)

Power Extender

Add to power feed canopy or surface transformer to drop power from ceiling. For dual-feed canopies and transformers, order two. Field-cuttable.

800RLP	LENGTH	FINISH
	06 06"	**Z** Bronze
	12 12"	**S** Satin Nickel
	24 24"	
	36 36"	
	48 48"	
	96 96"	

Plug Option

16' cord and plug for standard power outlets.

800PLUG	COLOR
	B Black
	W White

Recessed Can Transformer

Use to retrofit an existing recessed down light to power a Rail system. Mounts to most popular recessed cans that are 6-1/4" to 6-1/2" in diameter and have "C" shaped hooks on the inside can wall (see list below for specific models). Compatible with 2" rigid standoff. Includes white canopy and 150w electronic transformer. Dimmable with a low-voltage electronic dimmer.

800RLREC15E6	COLOR
	Z Bronze
	S Satin Nickel

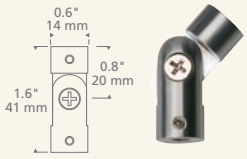
ETL classified for use with the following recessed cans: Juno 1C2, Juno IC22, TC2, and TC2R; Halo H7T and H7RT; Cooper Lighting H27RT; Capri (Thomas) Lighting PR7ASIC/TPR75ASIC/DY6431; Progress Lighting P&TG.

tiella is not affiliated with, nor is it endorsed by, any of the companies listed above. tiella does not distribute or sell any of the products listed above. Call for more information.

Special Installations

Installing a Rail System to a Vaulted Ceiling

To install a Rail system to a vaulted ceiling, add a power vault adapter to each power feed and add a standoff vault adapter to each standoff.

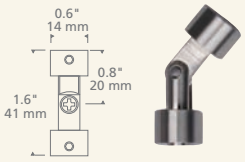


Power Vault Adapter

Installs to the power feed (sold separately) and adjusts to any angle to position Rail parallel to the floor.

800RLPVLT FINISH

- **Z** Bronze
- **S** Satin Nickel



Standoff Vault Adapter

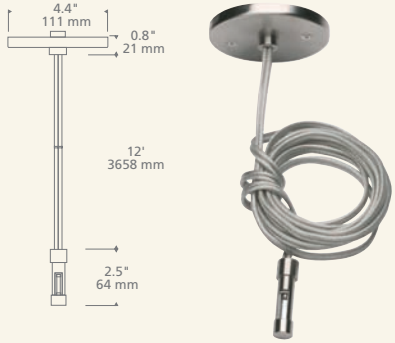
Installs between the rigid or adjustable standoff (sold separately) and the ceiling to position Rail parallel to the floor. Includes several rod lengths to achieve the proper pitch when used with a surface transformer.

800RLSVLT FINISH

- **Z** Bronze
- **S** Satin Nickel

Using a Flexible Center Power Feed with Canopy

To be used with a remote transformer, the flexible center power feed with canopy brings power from a ceiling or wall mounted junction box to the Rail when the junction box is not located directly above the Rail.



Flexible Center Power Feed with Canopy

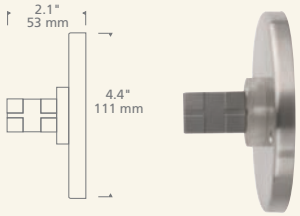
Mounts to a standard 4" square junction box with round plaster ring (provided by electrician). Includes 12' of field-cuttable flexible leads.

800RLP4CEN FINISH

- **Z** Bronze
- **S** Satin Nickel

Using a Direct-End Power Feed

The direct-end power feed brings power from a remote transformer to the Rail at an end of the run and mounts to a wall perpendicular to the run.



Direct-End Power Feed

Mounts to a standard 4" square junction box with round plaster ring (provided by electrician).

800RLP4CD FINISH

- **Z** Bronze
- **S** Satin Nickel

Installing Rail to a T-Bar Drop Ceiling

To install a Rail system to a T-bar drop ceiling, add a T-bar connector to every standoff (sold separately). The T-bar clip twists into the slat. (Use only if local electrical codes allow).

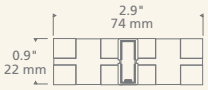
T-Bar Connector

Specify 15/16" or 9/16" slat.

800RLTBAR	SLAT		FINISH	
	C	15/16"	**B**	Black
	9C	9/16"	**W**	White

Using a "T" or "X" Connector

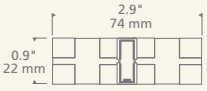
Use the special "T" or "X" connectors to make a clean splice into a straight horizontal Rail run. These connectors are conductive, so you may power the system from any of the runs.



"T" Connector

The "T" connector joins three pieces of Rail. The connector must be supported with three rigid or adjustable standoffs (sold separately, p. 17), each placed within 1' of the connector.

800RLCTT	FINISH
	Z Bronze
	S Satin Nickel



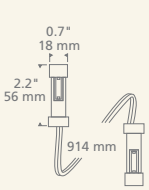
"X" Connector

The "X" connector joins four pieces of Rail. The connector must be supported with four rigid or adjustable standoffs (sold separately, p. 17), each placed within 1' of the connector.

800RLCTX	FINISH
	Z Bronze
	S Satin Nickel

Using a Power Jumper

Use a power jumper to transfer power from one Rail system to another.



Power Jumper

Includes 36" of field-cuttable leads.

800RLPJMP	FINISH
	Z Bronze
	S Satin Nickel

Rail Packs

Packs are the easiest way to order Rail. Each pack comes with all the power and hardware you need for most basic installations.

1 CHOOSE A PACK
2 CUSTOMIZE YOUR PACK
3 SELECT YOUR ELEMENTS (pp. 32-55)

ALL RAIL PACKS INCLUDE:

8' long hand-bendable Rail

Bronze

or

Satin Nickel

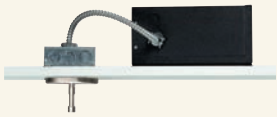
Two decorative end caps

Two rigid standoff supports

150 or 300 watt transformer with power feed

or

or



Surface Transformer Packs

150 Watt Pack

Surface Transformer mounts to a standard 4" square junction box with round plaster ring (provided by electrician), Rail drops 3.5" from ceiling. Add up to three 50 watt elements or up to four 35 watt elements. Specify magnetic or electronic transformer.

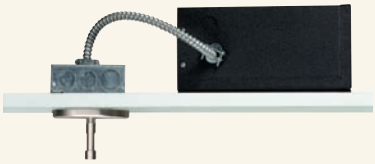
800RLPKS150	TRANSFORMER	FINISH
	M Magnetic	Z Bronze
	E Electronic	S Satin Nickel

300 Watt Pack

Surface Transformer mounts to a standard 4" square junction box with round plaster ring (provided by electrician), Rail drops 4.5" from ceiling. Add up to six 50 watt elements or up to eight 35 watt elements.

800RLPKS300M	FINISH
	Z Bronze
	S Satin Nickel

Remote Transformer Pack



300 Watt Pack

Remote Transformer installs in an accessible location behind the ceiling or wall. Canopy mounts to a standard 4" square junction box with round plaster ring (provided by electrician), Rail drops 2" from ceiling. Add up to six 50 watt elements or up to eight 35 watt elements.

800RLPKR300	FINISH
	Z Bronze
	S Satin Nickel

Customize Your System with These Modification Options

Rail Drop Option

Drop the Rail run farther down from the ceiling. Includes 24" power extender to attach to the transformer or canopy, plus two 24" rods to lengthen the standoff supports. Field-cuttable.

800RLPKDP24	FINISH
	Z Bronze
	S Satin Nickel

Rail Extender Option

Add an additional 8' to your Rail run. Includes 8' Rail and three standoff supports for drops of 2-24".

800RLPKEXT	FINISH
	Z Bronze
	S Satin Nickel

Satin Nickel Rail / 300 Watt Remote Transformer / Single-Feed Canopy / 24" Power Extenders / 24" Rigid Standoffs / Power Vault Adapter / Standoff Vault Adapter / End Caps / Sola Heads, 3" / Sola Heads, 12" / Glass Shade Accessories, Amber and White / MR16 Lamps

MonoPoint

Simply select a canopy (pp. 28-29), then add your choice of colorful pendants or heads to add shape, style and quality light to your space.

26-27 Applications
28-29 Canopies
30 Pendants
31 Heads

Satin Nickel MonoPoint Flush Canopies / Taos Pendants, Amazon Frit / Bi-Pin Lamps

Photographer: Bill Kutchinsky
Location: Private Residence
Designer: Divine Kitchens

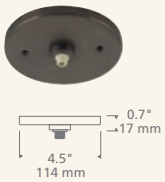
Satin Nickel MonoPoint Flush Canopies / Terra Pendants, Blue / Bi-Pin Lamps

Location: Crust - Chicago, IL

Canopies

MonoPoint Single Port Canopies

Select a MonoPoint Single Port Canopy, then select your element (pp. 32-55).



Flush Canopy

Mounts to a standard 4" square junction box with round plaster ring (provided by electrician). 12 volt, 50 watt electronic transformer (included) fits in junction box. For ceiling or wall.

800MP4RF FINISH

- **B** Black
- **Z** Bronze
- **S** Satin Nickel
- **W** White

Surface Canopy

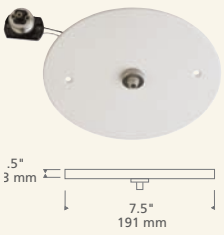
Mounts to a standard 4" square junction box with round plaster ring (provided by electrician). 12 volt, 50 watt electronic transformer inside 2" high, 4.5" diameter housing. For ceiling or wall.

800MPSF4 FINISH

- **B** Black
- **Z** Bronze
- **S** Satin Nickel
- **W** White

TIP: All MonoPoint canopies are dimmable with a standard incandescent dimmer.

MonoPoint Recessed Can Adapter



Recessed Can Adapter

Use to retrofit existing 6" recessed down light for use with a MonoPoint element. Includes 12 volt, 50 watt electronic transformer and white canopy. Dimmable with a standard incandescent dimmer. Mounts to most popular recessed cans (see list below for specific models).

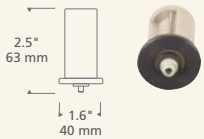
800MPREC6 FINISH

- **Z** Bronze
- **S** Satin Nickel

ETL classified for use with the following recessed cans: Juno 1C2, Juno IC22, TC2, and TC2R; Halo H7T and H7RT; Cooper Lighting H27RT; Capri (Thomas) Lighting PR7ASIC/TPR75ASIC/DY6431; Progress Lighting P&TG.

tiella is not affiliated with, nor is it endorsed by, any of the companies listed above. tiella does not distribute or sell any of the products listed above. Call for more information.

MonoPoint Single Port Alone



Port

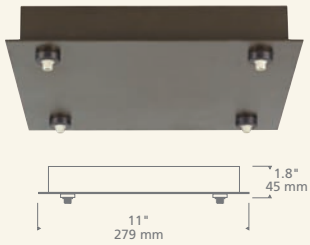
Used individually or in multiples to power elements from a remote transformer (sold separately; see p. 18). Minimal 1-1/2" diameter, 2-1/2" deep, can be installed in a range of locations. Access to back of ceiling is not needed.

800MPPRT FINISH

- **Z** Bronze
- **S** Satin Nickel

MonoPoint Multi Port Canopies

Select a MonoPoint Multi Port Canopy, then select your elements (pp. 32-55).

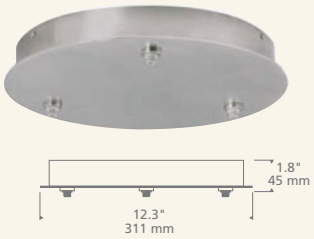


4-Port Square Canopy

Mounts to a standard 4" square junction box with round plaster ring (provided by electrician). Includes 12 volt, 200 watt electronic transformer inside an 11" square housing. Four 50 watt ports; for ceiling only.

800MPS4 FINISH

- **Z** Bronze
- **S** Satin Nickel

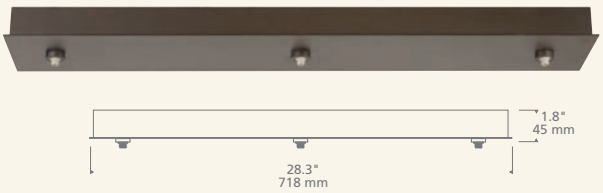


3-Port Round Canopy

Mounts to a standard 4" square junction box with round plaster ring (provided by electrician). Includes 12 volt, 150 watt electronic transformer inside a 12" diameter housing. Three 50 watt ports; for ceiling only.

800MPR3 FINISH

- **Z** Bronze
- **S** Satin Nickel



3-Port Linear Canopy

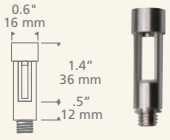
Mounts to a standard 4" square junction box with round plaster ring (provided by electrician). Includes 12 volt, 150 watt electronic transformer inside a 28" by 4" housing. Three 50 watt ports; for ceiling only.

800MPL3 FINISH

- **Z** Bronze
- **S** Satin Nickel

TIP: All MonoPoint canopies are dimmable with a standard incandescent dimmer.

System Connector



Rail MonoPoint Connector

Use to adapt a MonoPoint head or pendant to a tiella Rail system.

800RLCHED FINISH

- **Z** Bronze
- **S** Satin Nickel

Compatible Elements

Bi-pin MR16 Shows lamp type and maximum wattage.

All of the elements shown on these pages are available for the MonoPoint system. Refer to the indicated pages for color options, specifications, and ordering codes.

50 Adobe Pg. 34

50 Calypso Pg. 34

50 Cara Pg. 36

50 Celine Pg. 36

50 Cha-cha Pg. 38

50 Disc Pg. 38

50 Fiero Pg. 40

50 Fossa Pg. 40

50 Honey Pg. 41

50 Maya Pg. 41

50 Pint Pg. 42

50 Razzo Pg. 42

50 Sari Pg. 46

50 Sola Pendant* Pg. 44

50 Sonya Pg. 46

50 Strata Pg. 46

50 Taos Pg. 48

50 Terra Pg. 48

*Shown accessorized. Accessories sold separately. For accessory options refer to the indicated pages.

MR16 Shows lamp type and maximum wattage.

All of the elements shown on these pages are available for the MonoPoint system. Refer to the indicated pages for color options, specifications, and ordering codes.

50 **Aries***
Pg. 52

50 **Focus**
Pg. 53

50 **Sola Head***
Pg. 54

*Shown accessorized. Accessories sold separately. For accessory options refer to the indicated pages.

Elements

PENDANTS

34 Adobe
34 Calypso
36 Cara
36 Celine
38 Cha-Cha
38 Disc
40 Fiero
40 Fossa
41 Honey
41 Maya
42 Pint
42 Razzo
46 Sari
44 Sola Pendant
46 Sonya
46 Strata
48 Taos
48 Terra

HEADS

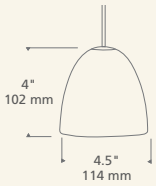
52 Aries
53 Axis
53 Focus
54 Sola Head

Pendants

Adobe

Dome shaped glass shade, washed in soft amber or white. Includes 12 volt, 50 watt halogen bi-pin lamp with Pyrex glass shield and six feet of field-cuttable suspension cable.

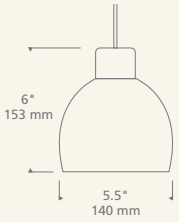
800	SYSTEM	ADB	COLOR	FINISH
	MP MonoPoint		**A** Santa Fe Amber	**Z** Bronze
	RL Rail		**W** White	**S** Satin Nickel



Calypso

Tiered glass shade. Includes 12 volt, 50 watt halogen bi-pin lamp with Pyrex glass shield and six feet of field-cuttable suspension cable.

800	SYSTEM	CAL	COLOR	FINISH
	MP MonoPoint		**A** Amber	**Z** Bronze
	RL Rail		**B** Blue	**S** Satin Nickel
			L Latte	
			W White	



Bronze 3-Port Linear Canopy /
Adobe Pendants, White / Bi-Pin Lamps

Location: Private Residence -
Tinley Park, IL

Pendants

Cara

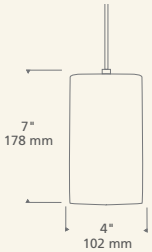
Gracefully tapered glass shade with metal detail. Includes 12 volt, 50 watt halogen bi-pin lamp with Pyrex glass shield and six feet of field-cuttable suspension cable.

800	SYSTEM	CAR	COLOR	FINISH
	MP MonoPoint		**A** Amber	**Z** Bronze
	RL Rail		**L** Latte	**S** Satin Nickel
			W White	

Celine

Cylinder shaped case glass shade. Includes 12 volt, 50 watt halogen bi-pin lamp with Pyrex glass shield and six feet of field-cuttable suspension cable.

800	SYSTEM	CEL	COLOR	FINISH
	MP MonoPoint		**A** Amber	**Z** Bronze
	RL Rail		**R** Red	**S** Satin Nickel
			W White	



Bronze MonoPoint Flush Canopy /
Celine Pendant, White / Bi-Pin Lamp

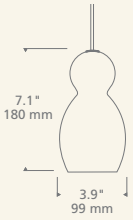
Location: Private Residence -
Woodridge, IL

Pendants

Cha-Cha

Fire-polished, brilliant colored glass. Includes 12 volt, 50 watt halogen bi-pin lamp with Pyrex glass shield and six feet of field-cuttable suspension cable.

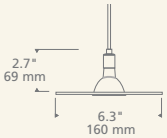
800	SYSTEM	CHA	COLOR	FINISH
	MP MonoPoint		**A** Amber	**Z** Bronze
	RL Rail		**G** Granny Apple Green	**S** Satin Nickel
			W Pacific White	



Disc

Clear glass disc floats around the exposed, secured MR16 lamp. Includes 12 volt, 50 watt MR16 flood lamp and six feet of field-cuttable suspension cable.

800	SYSTEM	DSC	FINISH
	MP MonoPoint		**Z** Bronze
	RL Rail		**S** Satin Nickel



Satin Nickel Rail / Surface Transformer Dual-Feed 600 Watt / 24" Power Extenders / 24" Rigid Standoffs / End Caps / Disc Pendants / MR16 Lamps / Focus Heads, 12" / MR16 Lamps

Photographer: ©2007 denmarsh photography
Location: Litchfield Dining Hall, University of Pittsburgh
Lighting Designer: LaFace & McGovern
Architect: MacLachlan Cornelius & Filoni, Inc

Pendants

Fiero Wall
see page 58

Fiero

Dome shaped case glass shade, richly layered in brilliant color. Includes 12 volt, 50 watt halogen bi-pin lamp with Pyrex glass shield and six feet of field-cuttable suspension cable.

800	SYSTEM	FIE	COLOR	FINISH
	MP MonoPoint		**A** Amber Frit	**Z** Bronze
	RL Rail		**B** Blue Frit	**S** Satin Nickel
			R Red Frit	
			W White Frit	

Fossa Wall
see page 61

Fossa

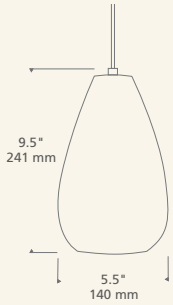
Sleek tapered glass shade. Includes 12 volt, 50 watt halogen bi-pin lamp with Pyrex glass shield and six feet of field-cuttable suspension cable.

800	SYSTEM	FOS	COLOR	FINISH
	MP MonoPoint		**A** Amber	**Z** Bronze
	RL Rail		**L** Latte	**S** Satin Nickel
			R Red	
			W White	

Honey

Patterned glass shade. Includes 12 volt, 50 watt halogen bi-pin lamp with Pyrex glass shield and six feet of field-cuttable suspension cable.

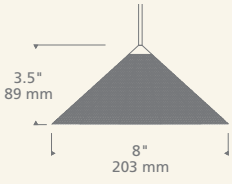
800	SYSTEM	HON	COLOR	FINISH
	MP MonoPoint		**A** Amber	**Z** Bronze
	RL Rail		**B** Blue	**S** Satin Nickel
			R Red	
			W White	



Maya

Finely handcrafted, glass beaded shade. Includes 12 volt, 50 watt halogen bi-pin lamp with Pyrex glass shield and six feet of field-cuttable suspension cable.

800	SYSTEM	MYA	COLOR	FINISH
	MP MonoPoint		**A** Dark Amber	**Z** Bronze
	RL Rail		**F** Frost	**S** Satin Nickel
			R Red	

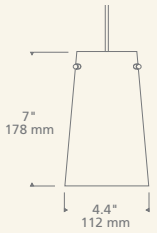


Pendants

Pint

Classically shaped case glass shade accented with three metal details. Includes 12 volt, 50 watt halogen bi-pin lamp with Pyrex glass shield and six feet of field-cuttable suspension cable.

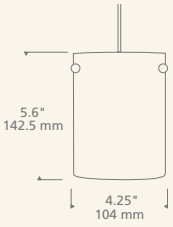
800	SYSTEM	PNT	COLOR	FINISH
	MP MonoPoint		**A** Amber	**Z** Bronze
	RL Rail		**W** White	**S** Satin Nickel



Razzo

Cylinder pendant made from chips of natural onyx. Includes 12 volt, 50 watt halogen bi-pin lamp with Pyrex glass shield and six feet of field-cuttable suspension cable.

800	SYSTEM	RAZ	FINISH
	MP MonoPoint		**Z** Bronze
	RL Rail		**S** Satin Nickel



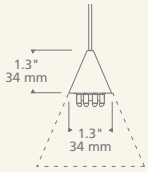
Bronze MonoPoint Flush Canopies /
Razzo Pendants / Bi-Pin Lamps

Pendants

Sola Pendant

Minimal pendant to customize with Metal, Glass, Fresco Glass, or Mesh Shade accessory (below, sold separately). 12 volt MR16 lamp of up to 50 watts (not included). Includes six feet of field-cuttable suspension cable.

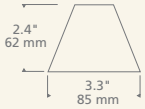
800	SYSTEM	SLP	FINISH
	MP MonoPoint		**Z** Bronze
	RL Rail		**S** Satin Nickel



Fresco Glass Shade Accessory

Colored glass shade accessory, richly layered in brilliant color. MR16 of up to 50 watts.

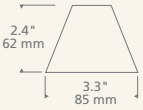
800SHDF	COLOR
	AS Amazon Frit
	MS Amber Frit
	BS Blue Frit
	RS Red Frit
	WS White Frit



Glass Shade Accessory

Colored frosted glass shade accessory. MR16 of up to 50 watts.

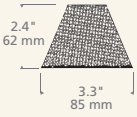
800SHDGLS	COLOR
	A Amber
	B Blue
	W White



Mesh Shade Accessory

Mesh metal shade accessory. MR16 of up to 50 watts.

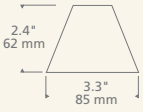
800SHDMESH	FINISH
	Z Bronze
	S Satin Nickel



Metal Shade Accessory

Metal shade accessory. MR16 of up to 50 watts.

800SHDMTL	FINISH
	Z Bronze
	S Satin Nickel



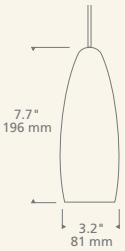
Satin Nickel MonoPoint Flush Canopies / Sola Pendants / Mesh Shade Accessories / MR16 Lamps

Pendants

Sari

Simply shaped glass shade layered with feathered color pattern. Includes 12 volt, 50 watt halogen bi-pin lamp with Pyrex glass shield and six feet of field-cuttable suspension cable.

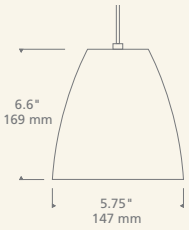
800	SYSTEM	SAR	COLOR	FINISH
	MP MonoPoint		**B** Blue	**Z** Bronze
	RL Rail		**R** Red	**S** Satin Nickel
			W White	



Sonya

Blown glass shade with intense color twists. Includes 12 volt, 50 watt halogen bi-pin lamp with Pyrex glass shield and six feet of field-cuttable suspension cable.

800	SYSTEM	SON	COLOR	FINISH
	MP MonoPoint		**A** Amber	**Z** Bronze
	RL Rail		**B** Brown	**S** Satin Nickel
			R Red	
			W White	



Strata

Teardrop shaped glass shade accented with organic band of color. Includes 12 volt, 50 watt halogen bi-pin lamp with Pyrex glass shield and six feet of field-cuttable suspension cable.

800	SYSTEM	STR	COLOR	FINISH
	MP MonoPoint		**FL** Frost/Latte	**Z** Bronze
	RL Rail		**LA** Latte/Amber	**S** Satin Nickel
			LB Latte/Brown	

Strata Wall
see page 61

Bronze Rail / 150 Watt Electronic Surface Transformer / Bronze Flush Canopy / 3" Rigid Standoffs / End Caps / Bronze MonoPoint Flush Canopy / Sonya Pendants, Amber / Bi-Pin Lamps

Location: Private Residence - Woodridge, IL

Pendants

Taos

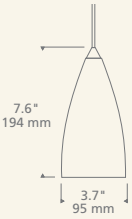
Cone shaped glass shade, richly layered in brilliant frit glass. Includes 12 volt, 50 watt halogen bi-pin lamp with Pyrex glass shield and six feet of field-cuttable suspension cable.

800	SYSTEM	TAO	COLOR	FINISH
	MP MonoPoint		**A** Amazon Frit	**Z** Bronze
	RL Rail		**M** Amber Frit	**S** Satin Nickel
			B Blue Frit	
			R Red Frit	
			W White Frit	

Terra

Case glass with reflective white interior. Includes 12 volt, 50 watt halogen bi-pin lamp with Pyrex glass shield and six feet of field-cuttable suspension cable.

800	SYSTEM	TRR	COLOR	FINISH
	MP MonoPoint		**A** Amber	**Z** Bronze
	RL Rail		**B** Blue	**S** Satin Nickel
			R Red	
			W White	



Satin Nickel Rail / 300 Watt Remote Transformer / Single-Feed Canopy / 2" Rigid Standoffs / End Caps / Terra Pendants, White / Bi-Pin Lamps

Satin Nickel Rail / 300 Watt Surface Transformer / 4" Rigid Standoffs / End Caps / 6" Aries Heads / Fresco Glass Shade Accessories, Amazon Frit / MR16 Lamps

Location: Private Residence - New Lenox, IL

Bronze Rail / 150 Watt Electronic Surface Transformer / 3" Rigid Standoffs / End Caps / Sola Heads / Glass Shade Accessories, White / MR16 Lamps

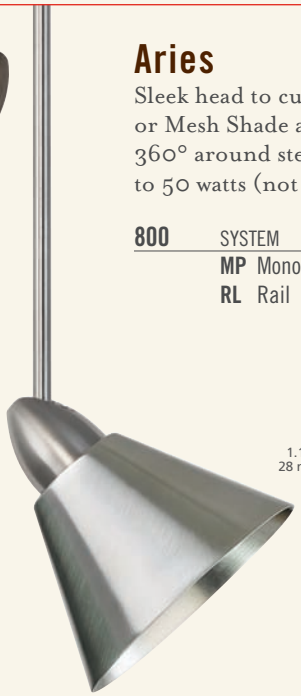
Location: Private Residence - Woodridge, IL

Heads

Aries Head
w/ Mesh Shade
Accessory

Aries Head
w/ Glass Shade
Accessory

Aries Head
w/ Fresco Glass Shade
Accessory

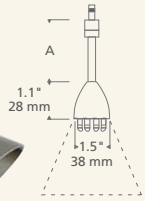


Aries Head
w/ Metal Shade
Accessory

Aries

Sleek head to customize with Metal, Glass, Fresco Glass or Mesh Shade accessory (below, sold separately) rotates 360° around stem, pivots 90°. 12 volt MR16 lamp of up to 50 watts (not included).

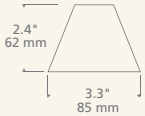
800	SYSTEM	ARI	LENGTH (A)	FINISH
	MP MonoPoint		**03** 3"	**Z** Bronze
	RL Rail		**06** 6"	**S** Satin Nickel
			12 12"	
			18 18"	



Fresco Glass Shade Accessory

Colored glass shade accessory, richly layered in brilliant color. MR16 of up to 50 watts.

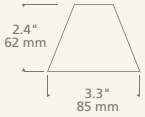
800SHDF	COLOR
	AS Amazon Frit
	MS Amber Frit
	BS Blue Frit
	RS Red Frit
	WS White Frit



Glass Shade Accessory

Colored frosted glass shade accessory. MR16 of up to 50 watts.

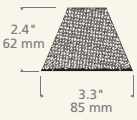
800SHDGLS	COLOR
	A Amber
	B Blue
	W White



Mesh Shade Accessory

Mesh metal shade accessory. MR16 of up to 50 watts.

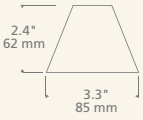
800SHDMESH	FINISH
	Z Bronze
	S Satin Nickel



Metal Shade Accessory

Metal shade accessory. MR16 of up to 50 watts.

800SHDMTL	FINISH
	Z Bronze
	S Satin Nickel

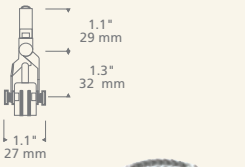


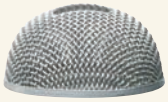
Axis

Head swivels 220°, pivots on vertical and horizontal axes. 12 volt MR16 lamp of up to 50 watts (not included). For use on Rail systems only. Compatible with Mini Mesh Shade accessory (below, sold separately).

800RLAXS FINISH

Z	Bronze
S	Satin Nickel





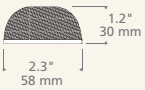
Axis Head w/ Mini Mesh Shade Accessory

Mini Mesh Shade Accessory

Small mesh metal shade accessory (for Axis Head only). MR16 of up to 50 watts.

800SHDMSH FINISH

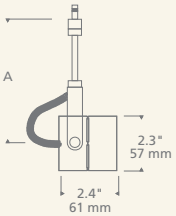
Z	Bronze
S	Satin Nickel



Focus

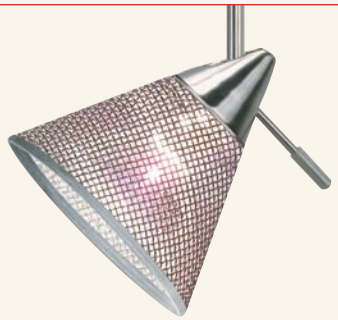
Classic head rotates 360° around stem, pivots 270°. 12 volt MR16 lamp of up to 50 watts (not included).

800	SYSTEM	**FCS**	LENGTH (A)	FINISH
	MP MonoPoint		**04** 3"	**Z** Bronze
	RL Rail		**06** 6"	**S** Satin Nickel
			12 12"	
			18 18"	

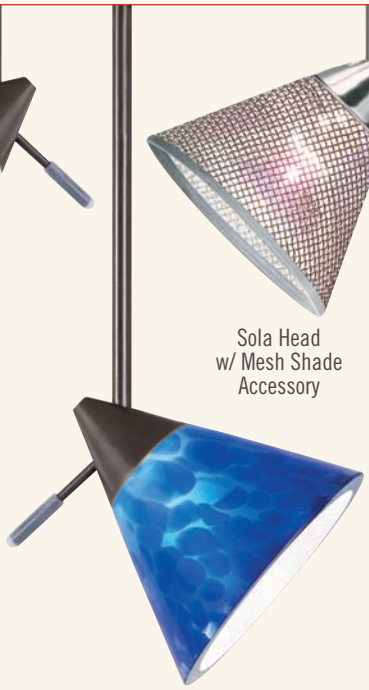


Heads

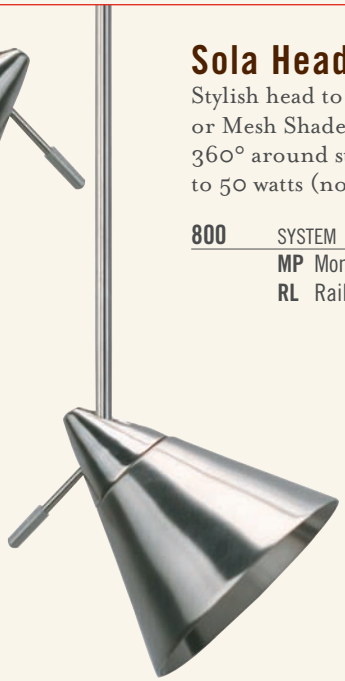
Sola Head
w/ Glass Shade
Accessory



Sola Head
w/ Mesh Shade
Accessory



Sola Head
w/ Fresco Glass Shade
Accessory

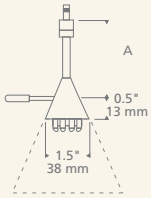


Sola Head
w/ Metal Shade
Accessory

Sola Head

Stylish head to customize with Metal, Glass, Fresco Glass or Mesh Shade accessory (below, sold separately) rotates 360° around stem, pivots 90°. 12 volt MR16 lamp of up to 50 watts (not included).

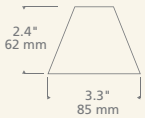
800	SYSTEM	SLH	LENGTH (A)	FINISH
	MP MonoPoint		**03** 3"	**Z** Bronze
	RL Rail		**06** 6"	**S** Satin Nickel
			12 12"	
			18 18"	



Fresco Glass Shade Accessory

Colored glass shade accessory, richly layered in brilliant color. MR16 of up to 50 watts.

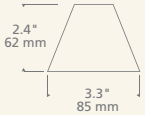
800SHDF	COLOR
	AS Amazon Frit
	MS Amber Frit
	BS Blue Frit
	RS Red Frit
	WS White Frit



Glass Shade Accessory

Colored frosted glass shade accessory. MR16 of up to 50 watts.

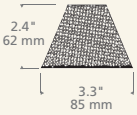
800SHDGLS	COLOR
	A Amber
	B Blue
	W White



Mesh Shade Accessory

Mesh metal shade accessory. MR16 of up to 50 watts.

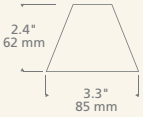
800SHDMESH	FINISH
	Z Bronze
	S Satin Nickel



Metal Shade Accessory

Metal shade accessory. MR16 of up to 50 watts.

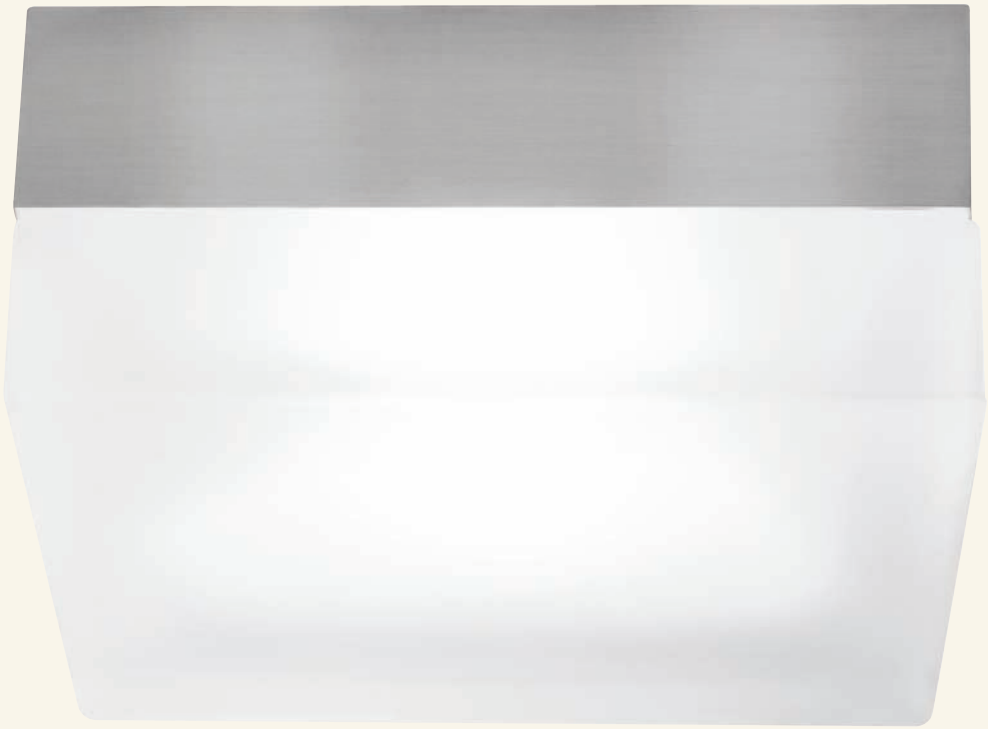
800SHDMTL	FINISH
	Z Bronze
	S Satin Nickel



Bronze Rail / 150 Watt Electronic Surface Transformer / 3" Rigid Standoffs / End Caps / Sola Heads / Fresco Glass Shade Accessories, Amazon Frit / MR16 Lamps

Wall / Ceiling

Complement an existing tiella system, or add something special to bare walls. Clean and crisp glass shade and mirror designs feature soft metal details to complete the look. A clear choice for halls or stairwells, bath or powder rooms.



58 Fiero T24 ADA
58 Largo ADA
60 Shade
60 Shell T24 ADA
61 Fossa T24 ADA
61 Strata T24 ADA
62 Largo Vanity ADA
62 Shade Vanity
64 Reflection T24 ADA
66 90 T24 ADA
66 360 T24 ADA

T24 **Title 24** (CF version is High Efficacy)

ADA **ADA Compliant**

Wall

Amber Frit

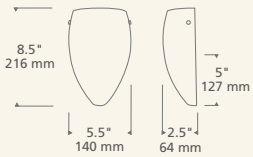
White Frit

Fiero Pendant
see page 40

Fiero

Dome shaped glass shade, richly layered in brilliant color accented with two metal details. Provides ambient and up-light. Available in two lamp configurations; incandescent and fluorescent. Incandescent includes 120 volt, 40 watt G9 base halogen lamp; fluorescent includes 13 watt 2GX7 base twin tube lamp an electronic ballast. Incandescent version dimmable with a standard incandescent dimmer.

800SCFIE	COLOR	FINISH	LAMP
	A Amber Frit	**S** Satin Nickel	Incandescent
	W White Frit		**-CF** Compact Fluorescent

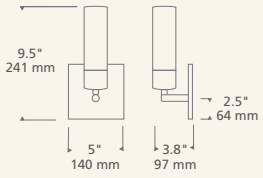


Largo Vanity
see page 62

Largo

Frost white cylinder glass shade with pressure formed base. Provides ambient, up, and down light. Includes 120 volt, 40 watt G9 base halogen lamp. Dimmable with a standard incandescent dimmer.

800SCLARW	FINISH
	Z Bronze
	S Satin Nickel



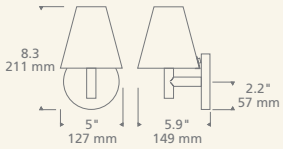
Fiero Wall, Amber Frit /
G9 Base Halogen Lamp

Wall

Shade

Case glass shade with reflective white interior. Plated pressure formed base. Provides ambient, up, and down light. Includes 120 volt, 60 watt candelabra base frosted globe lamp. Dimmable with a standard incandescent dimmer.

800SCSHD	COLOR	FINISH
	W White	**N** Satin Nickel

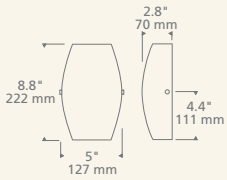


Shade Vanity
see page 62

Shell

Curved case glass shade with reflective white interior accented with two metal details. Provides ambient, up and down light. Available in two lamp configurations; incandescent and fluorescent. Incandescent includes 120 volt, 60 watt candelabra base torpedo lamp; fluorescent includes 13 watt 2GX7 base twin tube lamp and electronic ballast. Incandescent version dimmable with a standard incandescent dimmer.

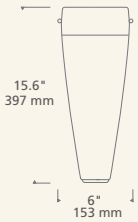
800SCSHL	COLOR	FINISH	LAMP
	W White	**N** Satin Nickel	Incandescent
			-CF Compact Fluorescent



Fossa

Sleek tapered glass shade accented with metal details. Provides ambient and up-light. Available in two lamp configurations; incandescent and fluorescent. Incandescent includes 120 volt, 60 watt medium base BT15 halogen lamp; fluorescent includes 27 watt 2G11 base twin tube lamp and electronic ballast. Incandescent version dimmable with a standard incandescent dimmer.

800SCFOS	COLOR	FINISH	LAMP
	L Latte	**S** Satin Nickel	Incandescent
	W White		**-CF** Compact Fluorescent



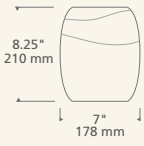
Latte White

Fossa Pendant
see page 40

Strata

Glass shade accented with organic band of color. Provides ambient and up-light. Available in two lamp configurations; incandescent and fluorescent. Incandescent includes 120 volt, 60 watt medium base BT15 halogen lamp; fluorescent includes 120 volt, 27 watt GU24 base self-ballasted lamp. Incandescent version dimmable with a standard incandescent dimmer.

800SCSTR	COLOR	FINISH	LAMP
	FL Frost/Latte	**S** Satin Nickel	Incandescent
	LA Latte/Amber		**-CF** Compact Fluorescent
	LB Latte/Brown		



Frost/Latte

Latte/Amber

Latte/Brown

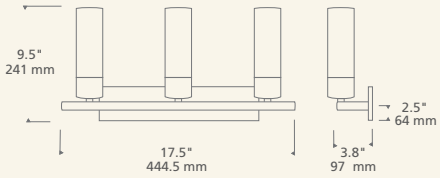
Strata Pendant
see page 46

Wall

Largo Vanity

Three frost white cylinder shaped glass shades. Plated pressure formed base. Provides ambient and up-light. Includes three 120 volt, 40 watt G9 base halogen lamps. Dimmable with a standard incandescent dimmer.

800VNLARW FINISH
S Satin Nickel

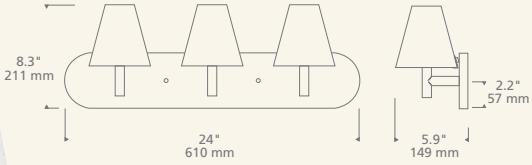


Largo Wall
see page 58

Shade Vanity

Three case glass shades with reflective white interiors. Plated pressure formed base. Provides task and ambient light. Includes three 120 volt, 60 watt candelabra base frosted globe lamps. Dimmable with a standard incandescent dimmer.

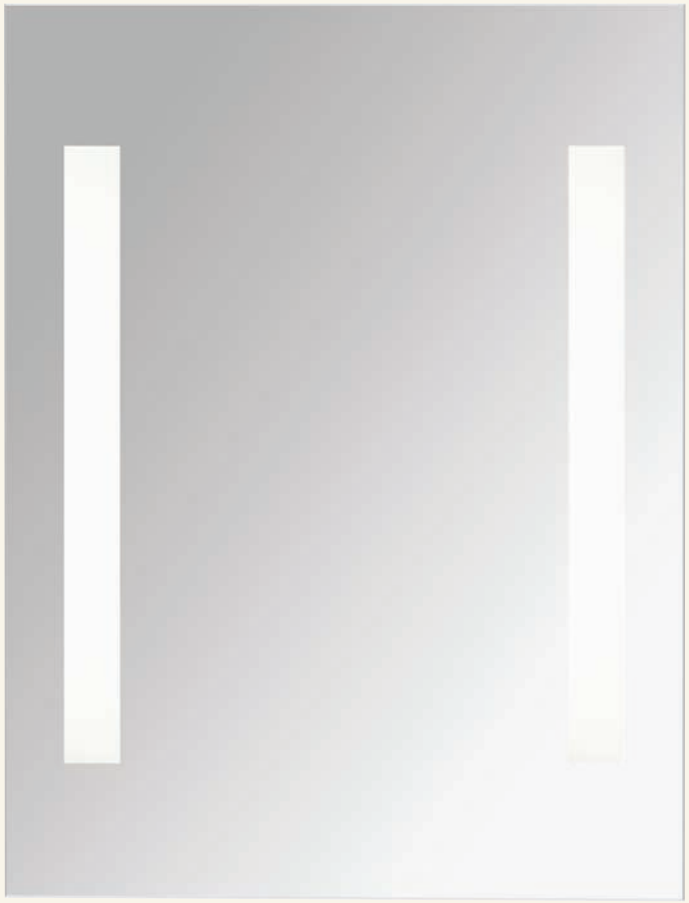
800VNSHD3W FINISH
N Satin Nickel



Shade Wall
see page 60

Largo Vanity, Satin Nickel /
G9 Base Halogen Lamps

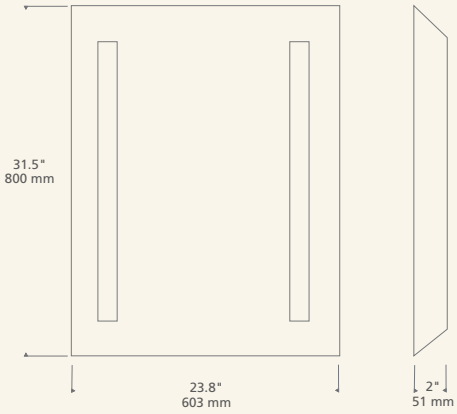
Wall



Reflection

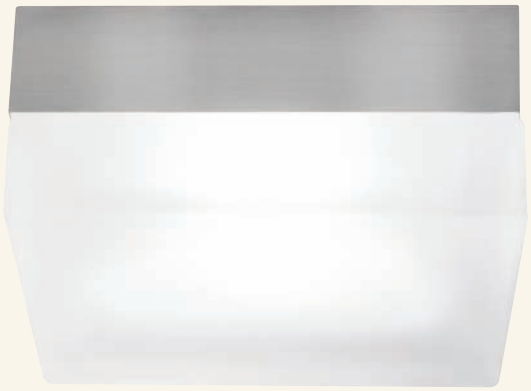
Rectangular mirror with imbedded sidelights provides task lighting. Includes two 24 watt mini bi-pin base T5HO lamps and electronic ballast.

800VNRFL-CF

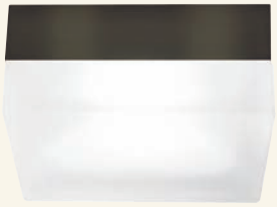


Reflection / T5HO Lamps

Ceiling



Large



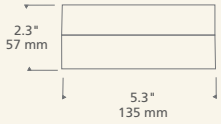
Small

90

Square shaped glass shade mounts flush to plated formed base. Provides general light. Available in two lamp configurations; incandescent and fluorescent. Large incandescent includes two 120 volt, 40 watt G9 base halogen lamps; large fluorescent includes two 13 watt 2GX7 base twin tube lamps and electronic ballast; small incandescent includes one 120 volt, 40 watt G9 base halogen lamp. Incandescent version dimmable with a standard incandescent dimmer. Fluorescent version can be wall mounted.

800FM90	SIZE		FINISH		LAMP	
	L	Large	**Z**	Bronze		Incandescent
	S	Small	**S**	Satin Nickel	**-CF**	Fluorescent (large only)

SMALL



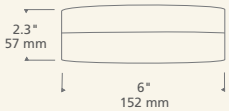
LARGE

360

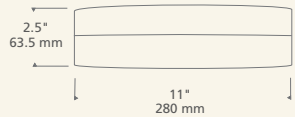
Round shaped glass shade mounts flush to plated formed base. Provides general light. Available in two lamp configurations; incandescent and fluorescent. Large incandescent includes two 120 volt, 40 watt G9 base halogen lamps; large fluorescent includes two 13 watt 2GX7 base twin tube lamps and electronic ballast; small incandescent includes one 120 volt, 40 watt G9 base halogen lamp. Incandescent version dimmable with a standard incandescent dimmer. Fluorescent version can be wall mounted.

800FM360	SIZE		FINISH		LAMP	
	L	Large	**Z**	Bronze		Incandescent
	S	Small	**S**	Satin Nickel	**-CF**	Fluorescent (large only)

SMALL



LARGE



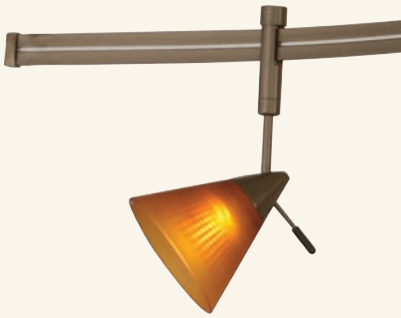
Large

Small

Bronze 90 / Compact Fluorescent
Twin Tube Lamps

Easy Kits

tiella Easy Kits and Packs offer complete pre-packaged solutions. Everything you will need.



70-71 Modular Packs
72 Sola Rail Kit
74 Focus Kit
76 Casual Kit
78 Revival Kit
80 Accent Kit

Easy Packs

Rail Hardware Pack

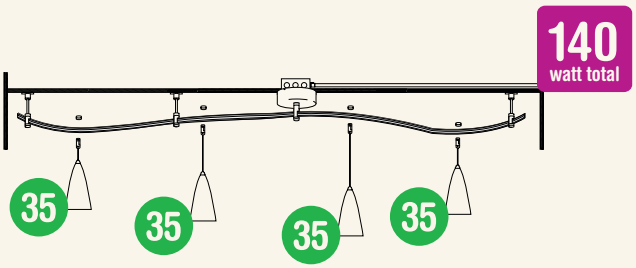
Includes all the hardware needed to install a nine foot Rail run. Surface transformer mounts to a standard 4" square junction box with round plaster ring (provided by electrician). Rail drops 3.5" from the ceiling. Includes three sections of 36" Rail, two decorative end caps, three rigid standoffs and one 12 volt, 150 watt electronic surface transformer. Order pendants and heads separately (opposite page). Dimmable with a standard incandescent dimmer. Matte Nickel finish only.

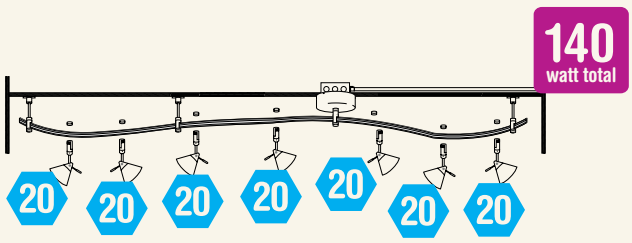
800RALHDW150N

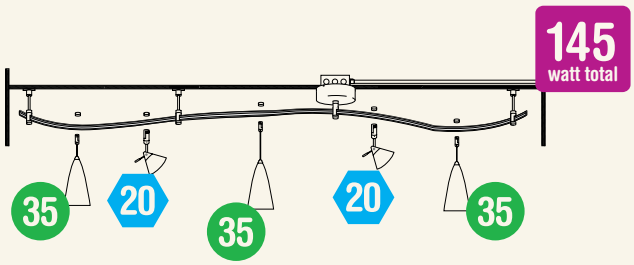
NOTE: Easy Pack Matte Nickel finish does not exactly match the Satin Nickel finish featured in the Rail and MonoPoint sections of the catalog.

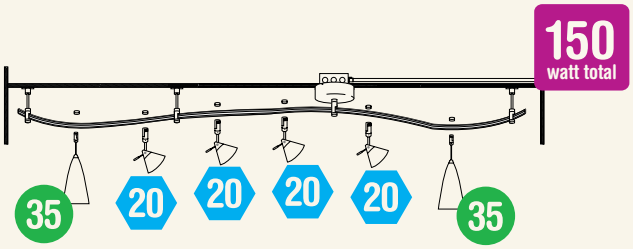
Recommended Configurations...

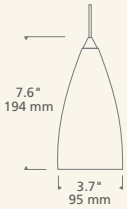
Important: Combined lamp wattage can not exceed 150 watts







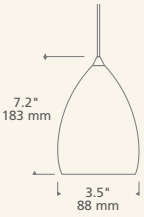




Terra Pendant Pack

Add Terra pendants to the Rail Hardware Pack (opposite page). Includes one Terra pendant (35 watts max each) with 12 volt, 35 watt halogen bi-pin lamp with Pyrex glass shield and 5 feet of field-cuttable suspension cable. Matte Nickel finish only.

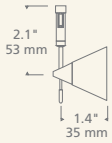
800RALPP1TR	COLOR	FINISH
	WH White	**N** Matte Nickel



Fiero Pendant Pack

Add Fiero pendants to the Rail Hardware Pack (opposite page). Includes one Fiero pendant (35 watts max each) with 12 volt, 35 watt halogen bi-pin lamp with Pyrex glass shield and 5 feet of field-cuttable suspension cable. Matte Nickel finish only.

800RALPP1FIE	COLOR	FINISH
	A Amber	**N** Matte Nickel



Sola Pack

Add Sola heads to the Rail Hardware Pack (opposite page). Includes one 3" Sola head (20 watts max) with glass shade and one 12 volt, 20 watt MR16 lamp. Matte Nickel finish only.

800RALHP	COLOR	FINISH
	AM Amber	**N** Matte Nickel
	WH White	

Matte Nickel Rail Hardware Pack / Terra Pendant Packs, White

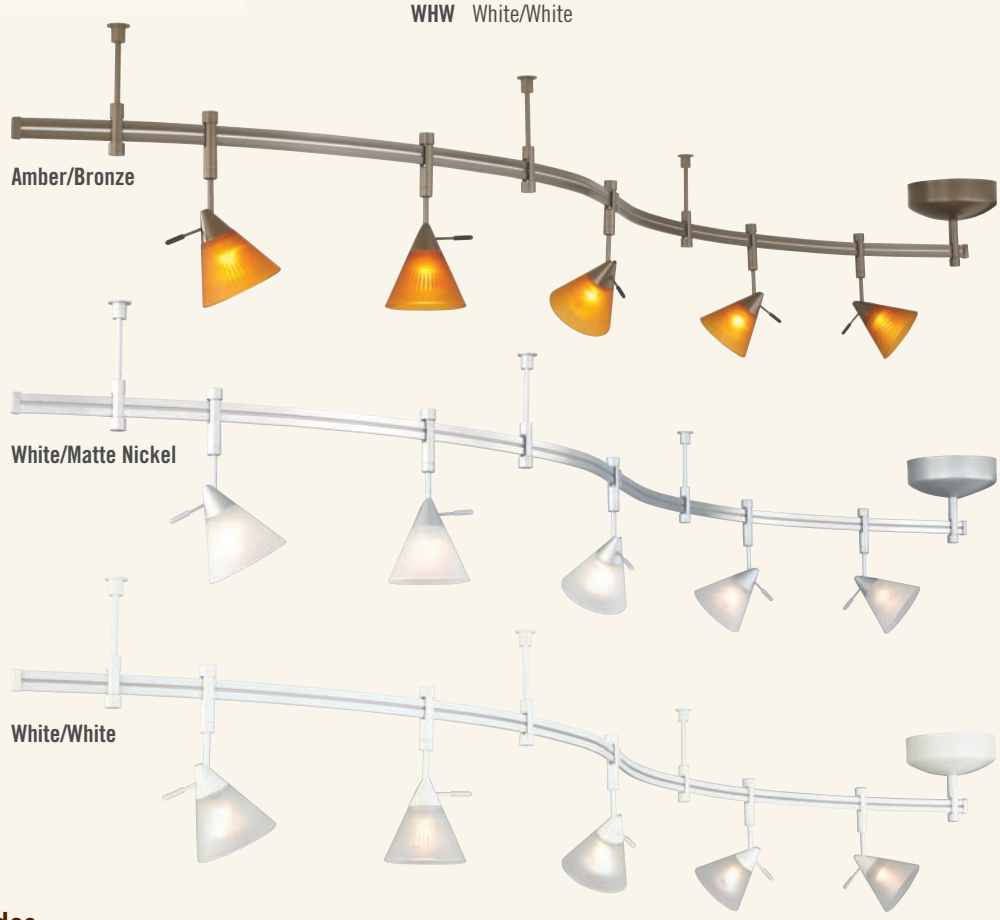
Easy Kits

Sola Rail Kit (5 Head)

Includes five 3" Sola heads (20 watts max each) with glass shade and five 12 volt, 20 watt MR16 lamps. 120 volt in/12 volt out 100 watt surface transformer mounts to a standard 4" square junction box with round plaster ring (provided by electrician), Rail drops 3.5" from the ceiling. The kit may be dimmed with a standard incandescent dimmer.

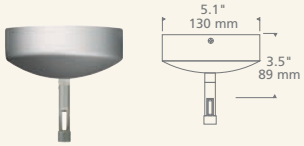
800RAL5 COLOR/FINISH

AMZ	Amber/Bronze
WHN	White/Matte Nickel
WHW	White/White

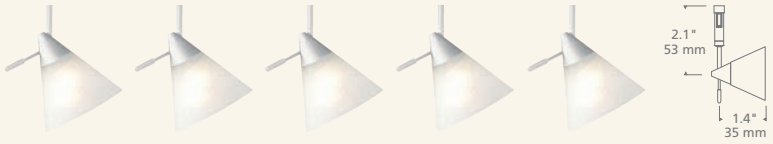


Rail Easy Kit Includes:

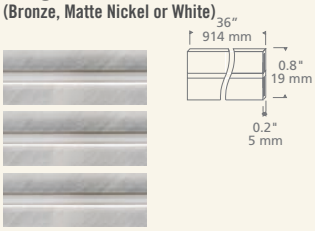
One 12 volt, 100 watt electronic surface transformer
(Bronze, Matte Nickel or White)



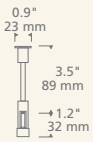
Five Sola heads with Glass Shade accessories and lamps
(Amber/Bronze, White/Matte Nickel or White/White)



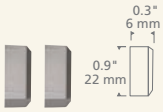
Three sections of 36" Rail - enough for a nine foot run
(Bronze, Matte Nickel or White)



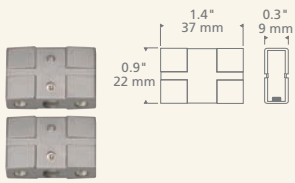
Three 3" rigid standoffs
(Bronze, Matte Nickel or White)



Two decorative end caps
(Bronze, Matte Nickel or White)



Two conductive connectors
(Bronze, Matte Nickel or White)



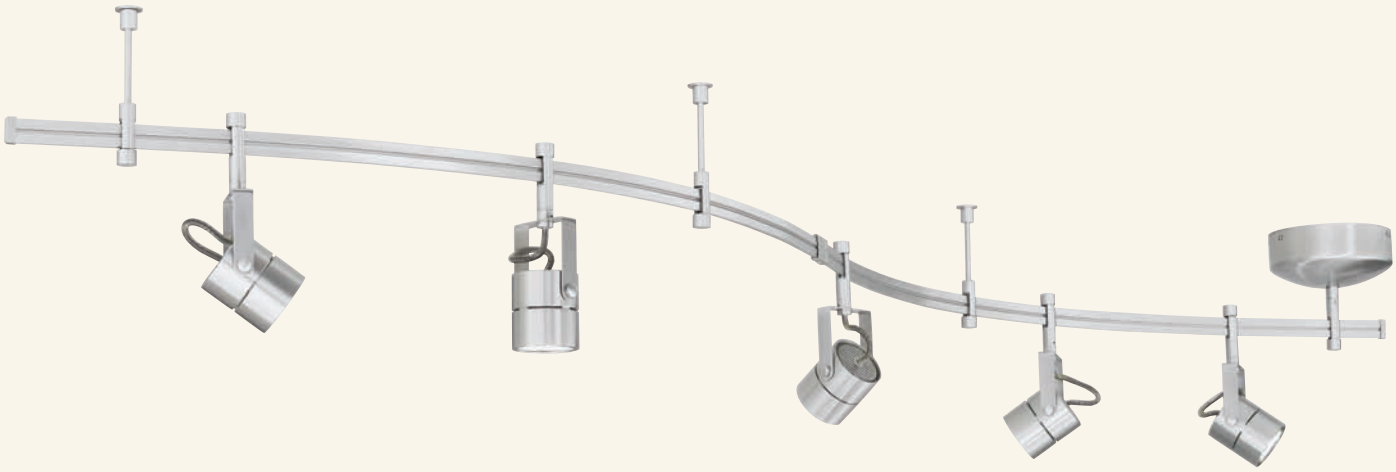
Amber/Bronze Sola Rail Kit (5 Head)

Easy Kits

Focus Kit (5 Head)

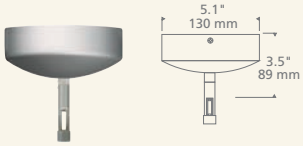
Includes five classic Focus heads (20 watts max. each) that rotate 360° around stem and pivot 270° and five 12 volt, 20 watt MR16 lamps. 120 volt in/12 volt out 100 watt surface transformer mounts to a standard 4" square junction box with round plaster ring (provided by electrician); Rail drops 3.5" from the ceiling. The kit may be dimmed with a standard incandescent dimmer. Matte Nickel finish only.

800RAL5FCN

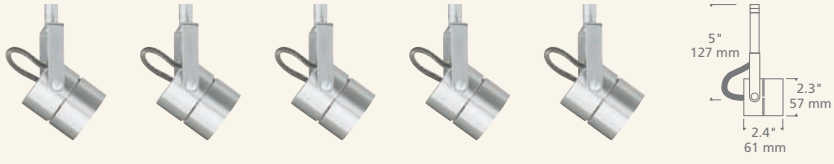


Focus Kit Includes:

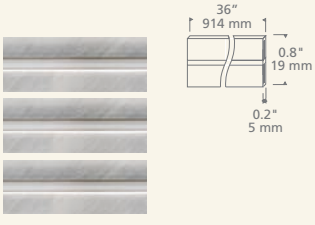
One 12 volt, 100 watt electronic surface transformer



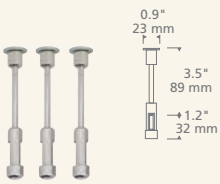
Five Focus heads and lamps



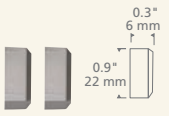
Three sections of 36" Rail - enough for a nine foot run



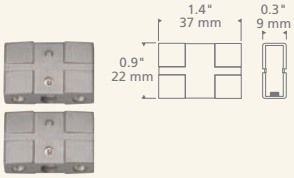
Three 3" rigid standoffs



Two decorative end caps



Two conductive connectors



Focus Kit (5 Head)

Easy Kits

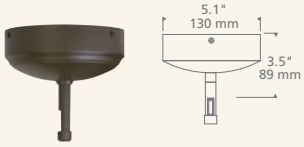
Casual Kit (5 Head)

Includes five 3'' Casual heads (20 watts max. each) in white seeded case glass shades and five 12 volt, 20 watt MR16 lamps. 120 volt in/12 volt out 100 watt surface transformer mounts to a standard 4'' square junction box with round plaster ring (provided by electrician), Rail drops 3.5'' from the ceiling. The kit may be dimmed with a standard incandescent dimmer. Bronze finish only.

800RAL5CWZ

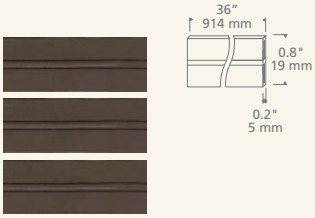
Casual Kit Includes:

One 12 volt, 100 watt electronic surface transformer

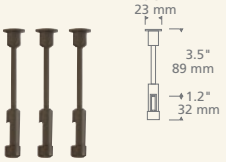


Five Casual heads with Glass Shade accessories and lamps

Three sections of 36" Rail - enough for a nine foot run

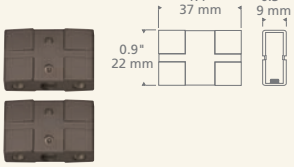


Three 3" rigid standoffs



Two decorative end caps

Two conductive connectors



Casual Kit (5 Head)

Easy Kits

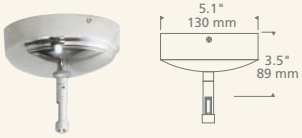
Revival Kit (5 Head)

Includes five 3'' mission-inspired Revival heads (20 watts max. each) with crisp prismatic shades in clear and five 12 volt, 20 watt MR16 lamps. 120 volt in/12 volt out 100 watt surface transformer mounts to a standard 4" square junction box with round plaster ring (provided by electrician); Rail drops 3.5" from the ceiling. The kit may be dimmed with a standard incandescent dimmer. Polished Nickel finish only.

800RAL5RCP

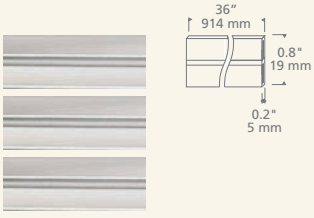
Revival Kit Includes:

One 12 volt, 100 watt electronic surface transformer

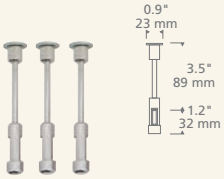


Five Revival heads with Glass Shade accessories and lamps

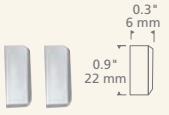
Three sections of 36" Rail - enough for a nine foot run



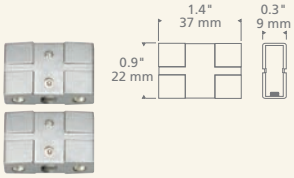
Three 3" rigid standoffs



Two decorative end caps



Two conductive connectors



Revival Kit (5 Head)

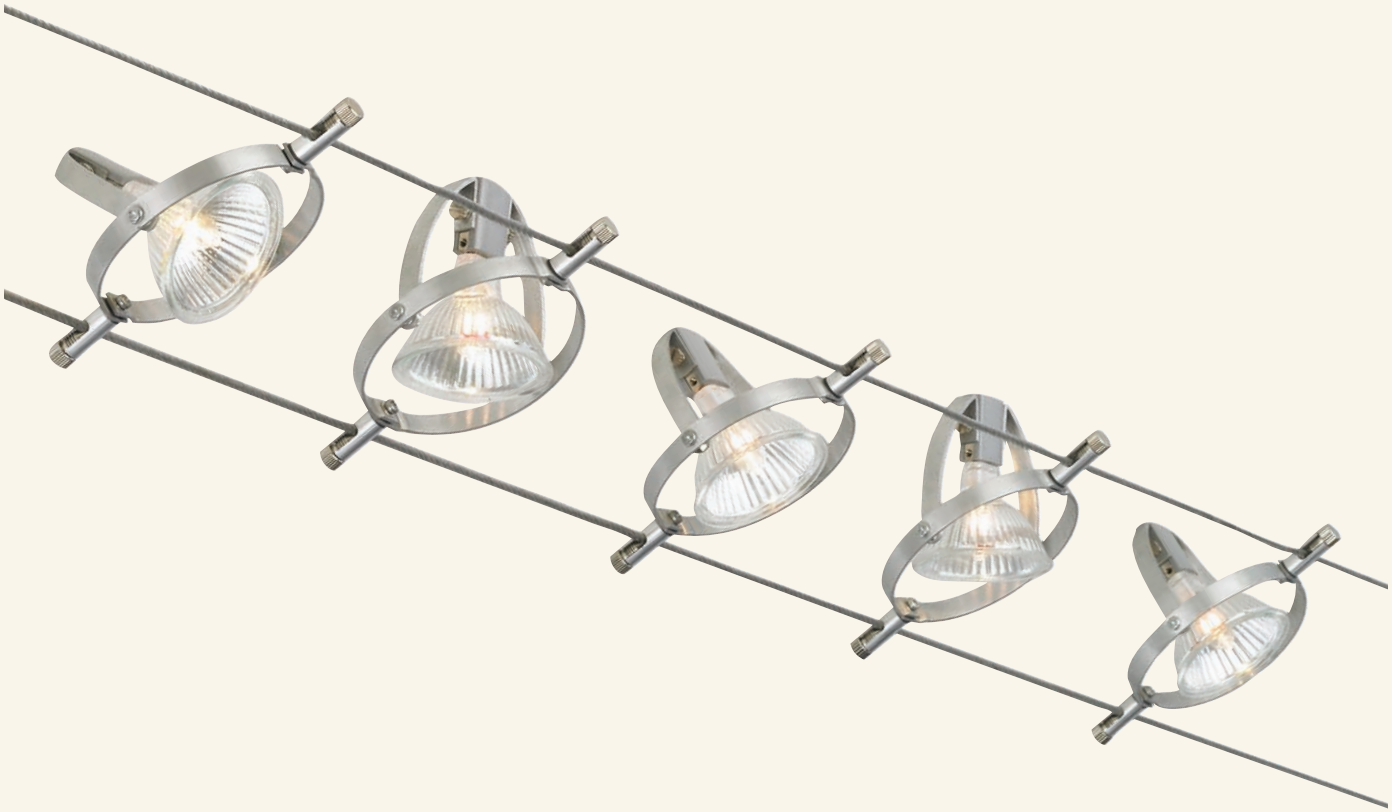
Photographer: Mike McKenzie
Location: Private Residence - Gurnee, IL

Easy Kits

Accent Kit (5 Head)

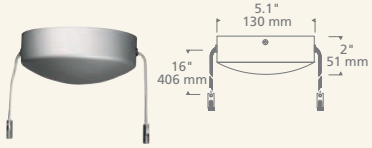
Includes five highly adjustable Accent heads (20 watts max. each) that tilt between the cables and rotate 120° within their rings and five 12 volt, 20 watt MR16 lamps. 120 volt in/12 volt out 100 watt surface transformer mounts to a standard 4" square junction box with round plaster ring (provided by electrician), and includes 12" soft wire feeds. Turnbuckles and anchors can be mounted to the walls or ceiling. When ceiling mounting kit, cables will drop 2" below ceiling. The kit may be dimmed with a standard incandescent dimmer. Matte Nickel finish only.

800CBL5PN



Accent Kit Includes:

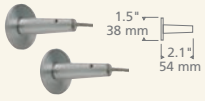
One 12 volt, 100 watt electronic surface transformer



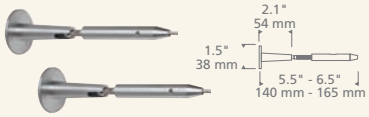
Five Accent heads and lamps

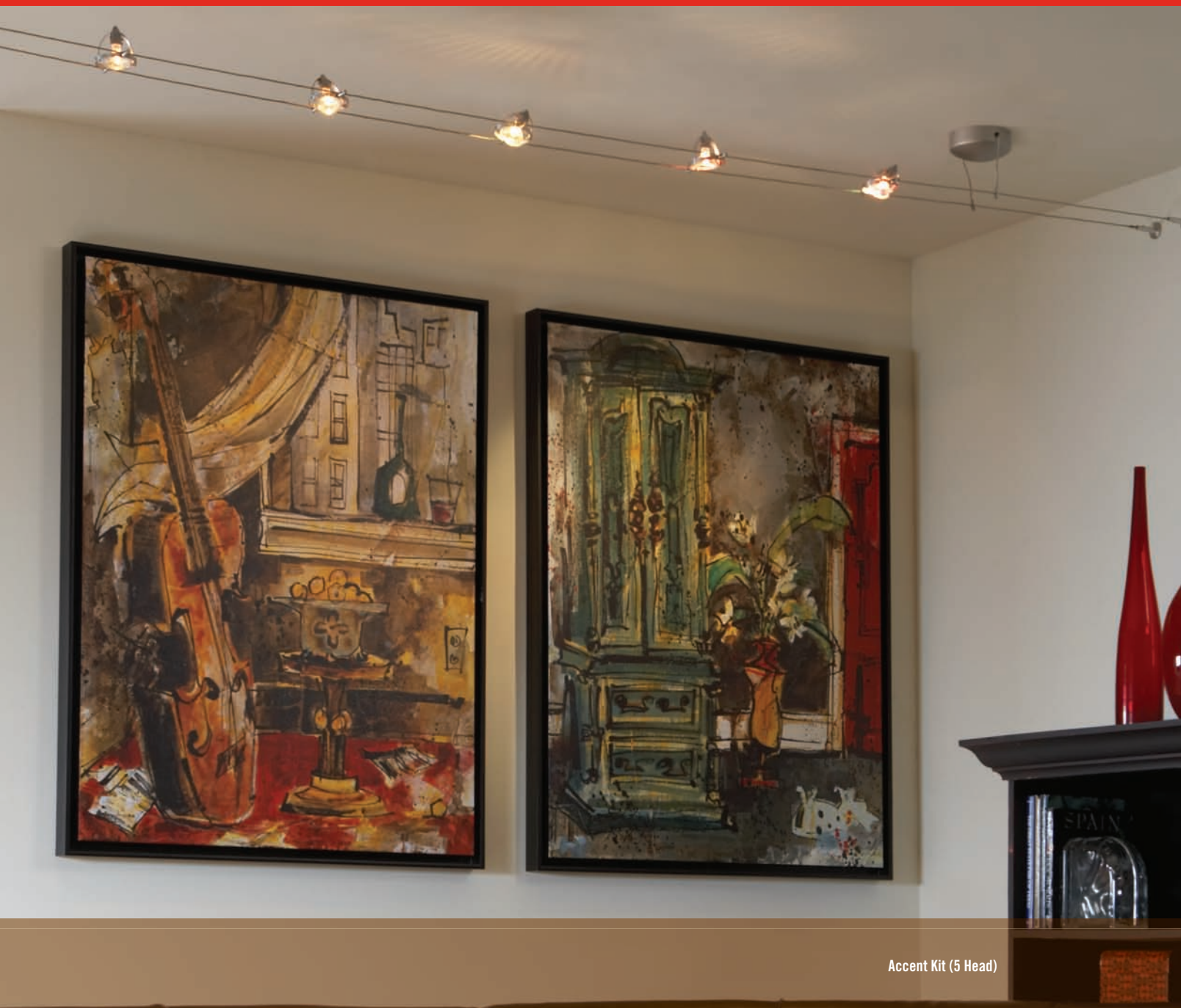
Two 20' sections of cable -
enough for a twenty foot wall-to-wall run

One pair of anchors



One pair of turnbuckles





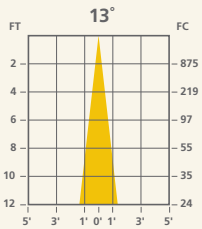
Accent Kit (5 Head)

Lamp Information

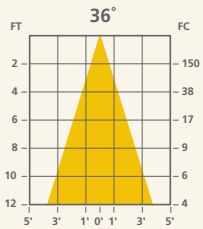
ITEM #	DESCRIPTION	VOLTS	WATTS	LAMP SHAPE	BASE TYPE	BEAM SPREAD	COLOR TEMP (K)	CRI	CENTER BEAM CANDLE POWER	INITIAL LUMENS	RATED AVG LIFE (HRS)
12 Volt Halogen Bi-Pin											
300BLV026	12v Hal T4 GY6.35 35w Bi-Pin	12	35	T4	GY6.35	na	3,000	100	na	600	4,000
300BLV035	12v Hal T4 GY6.35 50w Bi-Pin	12	50	T4	GY6.35	na	3,000	100	na	930	2,000
12 Volt MR16											
300BLV129	12v Hal MR16 GU5.3 12° 20w	12	20	MR16	GU5.3	12	2,950	100	3,500	na	5,000
300BLV128	12v Hal MR16 GU5.3 36° 20w	12	20	MR16	GU5.3	36	2,950	100	600	na	5,000
300BLV102	12v Hal MR16 GU5.3 24° 35w	12	35	MR16	GU5.3	24	2,950	100	2,300	na	5,000
300BLV105	12v Hal MR16 GU5.3 36° 35w	12	35	MR16	GU5.3	36	2,950	100	1,300	na	5,000
300BLV132	12v Hal MR16 GU5.3 12° 50w	12	50	MR16	GU5.3	12	3,000	100	11,000	na	5,000
300BLV133	12v Hal MR16 GU5.3 24° 50w	12	50	MR16	GU5.3	24	3,000	100	3,600	na	5,000
300BLV131	12v Hal MR16 GU5.3 36° 50w	12	50	MR16	GU5.3	36	3,000	100	2,000	na	5,000
300BLV110	12v Hal MR16 GU5.3 60° 50w	12	50	MR16	GU5.3	60	3,000	100	850	na	5,000
12 Volt MR16 GE Constant Color											
300BLV130	12v GE CC. Hal MR16 GU5.3 15° 20w	12	20	MR16	GU5.3	15	2,950	100	3,150	na	5,000
300BLV127	12v GE CC. Hal MR16 GU5.3 40° 20w	12	20	MR16	GU5.3	40	2,950	100	475	na	5,000
300BLV124	12v GE CC. Hal MR16 GU5.3 20° 35w	12	35	MR16	GU5.3	20	3,000	100	3,200	na	5,000
300BLV126	12v GE CC. Hal MR16 GU5.3 40° 35w	12	35	MR16	GU5.3	40	3,000	100	900	na	5,000
300BLV141	12v GE CC. Hal MR16 GU5.3 15° 50w	12	50	MR16	GU5.3	15	3,050	100	8,400	na	6,000
300BLV138	12v GE CC. Hal MR16 GU5.3 25° 50w	12	50	MR16	GU5.3	25	3,050	100	2,900	na	6,000
300BLV139	12v GE CC. Hal MR16 GU5.3 40° 50w	12	50	MR16	GU5.3	40	3,050	100	1,500	na	6,000
300BLV136	12v GE CC. Hal MR16 GU5.3 55° 50w	12	50	MR16	GU5.3	55	3,050	100	850	na	6,000
120 Volt Candelabra Lamps											
300BHV106	120v B10 E12 Candel. 60w Torp. Fr.	120	60	B10	E12 Candel.	na	2,800	100	na	na	3,000
300BHV121	120v G16.5 E12 Candel. 60w Globe. Fr.	120	60	G16.5	E12 Candel.	na	2,800	100	na	na	1,500
Line Voltage Incandescent Lamps											
300BHV114	120v BT15 E26 Med 60w Wh Hal	120	60	BT15	E26 Med	na	2,800	100	na	7,600	20,000
120 Volt G9 Lamps											
300BHV361	120v Hal G9 Bi-Pin T4 40w Fr.	120	40	T4	G9 Bi-Pin	na	2,900	100	na	480	2,000
Linear Fluorescent Lamps											
300BHV382	Flr T5HO Mini Bi-Pin 24w 22"	120	24	T5HO	Mini Bi-Pin	na	3,000	85	na	2,000	20,000
Compact Fluorescent Lamps											
300BHV367	Flr T4 2GX7 Twin Tube 13w	120	13	T4	2GX7	na	3,000	82	na	820	10,000
300BHV373	120v Flr 2G11 Twin Tube 27w	120	27	CFL Twin	2G11	na	3,000	82	na	1,800	12,000

Selected Lamp Photometrics

12 VOLT MR16 20 WATTS

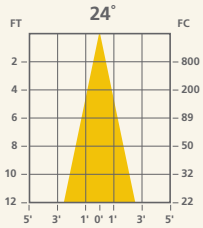


12° 20w
300BLV129

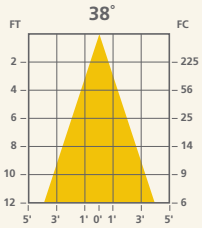


36° 20w
300BLV128

12 VOLT MR16 35 WATTS

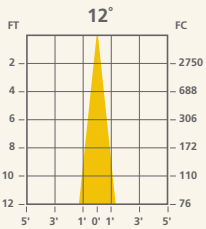


24° 35w
300BLV102

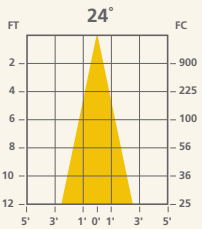


38° 35w
300BLV105

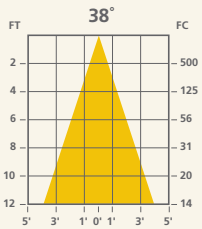
12 VOLT MR16 50 WATTS



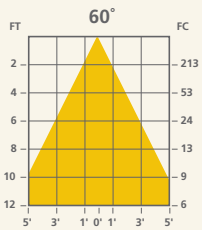
12° 50w
300BLV132



24° 50w
300BLV133



38° 50w
300BLV131



60° 50w
300BLV110

Transformer Information

Selecting a Transformer

The transformer is the key to a low-voltage system. It reduces standard line-voltage to 12 volts, which is safe to the touch. A 12 volt transformer can power a run with 300 watts per power feed (600 watts for dual-feed) running up to thirty feet in each direction from the power feed. The total output wattage of the transformer determines the total wattage of the heads or pendants that can be used on the system.

For example, a 300 watt transformer can power up to six 50 watt heads (6 x 50 = 300).

There are several transformer options from which to choose. Knowing the advantages of each will help you to select the best transformer for your application.

Remote

Remote transformers are preferred for their clean look and range of power feed options. They are mounted in accessible locations, but out of view. Power is brought to the Rail system through a power feed canopy or other power feed option (sold separately).

VS.

Surface

Surface transformers are decorative and will be visible in the room. They are best suited for applications where there is an existing junction box in a finished ceiling. The surface transformer has an integral power feed—there is no need for a separate power feed; however, the surface transformer must be placed within range of the Rail system.

Magnetic

Magnetic transformers have historically been the choice of lighting professionals due to their reliability. We offer a wide range of output wattages for magnetic transformers. When dimming a magnetic transformer, it is important to use a low-voltage magnetic dimmer.

VS.

Electronic

Electronic transformers are much smaller and lighter than their magnetic counterparts and have the advantage of being resettable at the wall switch in the event of a system short circuit. We offer a 12 volt electronic surface transformer with 150 watt output that is dimmable with a standard incandescent or a low-voltage electronic dimmer.

All of our transformers comply with regulations established by the National Electrical Code, with a maximum wattage on a 12 volt system at 300 watts per feed.

About Surface Transformers

Surface transformers mount to a standard 4" square junction box with round plaster ring (provided by electrician). The surface transformer for a Rail system must be placed directly above the system. The surface transformer for an Accent Easy Kit must be placed within one foot of the system. Surface transformers have a specific minimum drop depending on the wattage of the transformer—this dimension must be considered in determining how far the run will drop from the ceiling. Longer drops can be achieved by adding a power extender.

tiella's magnetic surface transformers come standard with an integrated debuzzing dimming coil to reduce noise when using a low-voltage magnetic dimmer.

About Remote Transformers

The remote transformer can be anchored to the wall or ceiling with screws or toggle bolts and should be installed no more than twenty feet from the power feed. It is important that the electrician supply the correct gauge of THHN wire from the transformer to the junction box to prevent excessive voltage drop, which can cause fixtures to appear dim. See the chart below for proper wire gauge. For optimum performance, remote transformers should be loaded to at least 80 percent of capacity.

Power Taps

Magnetic remote transformers have multiple secondary power taps to compensate for variations in voltage. An input voltage exceeding 120 volts may result in more than 12 volts on the system, which can shorten lamp life. Follow the installation instructions packaged with the transformer to determine which power tap to use.

Voltages

tiella transformers are standard for 120 volt input. Other input voltages are available upon request.

Low-Voltage Wire Size Table

Use to determine the correct THHN wire size for a recommended 3 percent drop in voltage at the specified wattage. The length shown is the length of wire from the transformer to the power feed.

12 VOLT	5 ft.	6-15 ft.	16-20 ft.	21-40 ft.	41-60 ft.	61-90 ft.
150 watt	#12 GA	#8 GA	#6 GA	#4 GA	#2 GA	#1 GA
300 watt	#10 GA	#6 GA	#4 GA	#1 GA	1/0	3/0

Dimming

All tiella transformers may be dimmed with the appropriate dimmer: a low-voltage magnetic dimmer for a magnetic transformer; a low-voltage electronic dimmer for an electronic transformer, or a standard incandescent dimmer where indicated. The dimmer is placed on the line voltage side of the input line. Consult each system section of the catalog for the compatible dimmer type. It is very important to use the compatible dimmer type: failure to do so will substantially shorten the useful life of the transformer.

Remote transformers are generally placed outside the room, so any buzzing that may be caused by dimming is not noticeable. If using a remote magnetic transformer and a buzzing noise is apparent, a debuzzing dimming coil may be wired in series on one of the 120 volt input lines. Select the correct dimming coil (see below) based on the wattage of your transformer.

Debuzzing Dimming Coil Alone

800DIM	FOR USE WITH	(A)
	150 Remote 150w	(1.8" 46 mm)
	300 Remote 300w	(2.3" 58 mm)
	600 Remote 600w	(2.6" 67 mm)

Satin Nickel MonoPoint Surface Canopies / Sola Pendants / Glass Shield Accessories, White / MR16 Lamps

Rail **6-23**
Center Power Feed 20
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Compatible Elements - Pendants 14
Conductive Connector 17
Direct-End Power Feeds 20
End Cap 17
Flexible Connector 17
Isolating Connector 17
Plug Option 19
Power Extender 19
Power Feed Canopies 18
Power Jumper 21
Power Vault Adapter 20
Pre-Bent 90˚ Curve Rail 16
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Rail 16
Rail Packs 22
Recessed Can Transformer 19
Remote Transformers 18
Standoff Vault Adapter 20
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MonoPoint **24-31**
3-Port Round Canopy 29
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4-Port Square Canopy 29
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tiella™ Easy Kits and Packs **68-81**
Accent Kit 80
Casual Kit 76
Fiero Pendant Pack 71
Focus Kit 74
Rail Hardware Pack 70
Revival Kit 78
Sola Pack 71
Sola Rail Kit 72
Terra Pendant Pack 71

APPLICATIONS

Rail
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MonoPoint
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tiella™ Easy Kits and Packs
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Rail Hardware Pack, Kitchen 71
Accent Kit, Living Room 81
Sola Rail Kit, Living Room 73
Terra Pendant Pack, Kitchen 71

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