



BESA LIGHTING
MONORAIL SYSTEMS



BUILD YOUR OWN 12V Monorail

Whether you're looking to enhance the ambiance of your living room, highlight artwork in a gallery, or provide focused task lighting in a workspace, monorail lighting offers a solution that is both flexible and aesthetically pleasing.

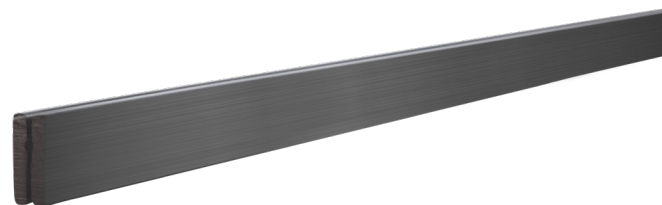


EASY TO PLAN & ORDER

- Available as components or kits
- Simple 4 step planning guide builds your complete system item number
- Designed to utilize our full line of 12v pendants and spotlights

MAXIMUM SYSTEM FLEXIBILITY

- Designed to achieve almost any system need
- Standoffs and transformers include optional hardware to accommodate multiple applications
- Simple line of components covers even complex plans such as sloped or high ceilings
- Low profile system options
- Support hardware designed to work with all power supply options. No confusion about which parts go with which transformers



BLACK



SATIN NICKEL

LOW-PROFILE RAIL

- Less than half inch tall, one of the smallest rails on the market
- Hand-bendable, no tools required
- Brass rail keeps its shape
- Field-cutable

12V MINI PENDANTS



BOCA
Quick-Connect • Fixed
2 decors
Catalog Pg. 88



BRELLA
Quick-Connect • Fixed
7 decors
Catalog Pg. 112



BRIO 7
Quick-Connect • Fixed
2 decors
Catalog Pg. 99



CAFE
Quick-Connect • Fixed
2 sizes • 2 decors
Catalog Pg. 85



CREED
Quick-Connect • Fixed
3 decors
Catalog Pg. 93



DIVI
Quick-Connect • Fixed
5 decors
Catalog Pg. 99



DOMI
Quick-Connect • Fixed
8 decors
Catalog Pg. 112



EVE
Quick-Connect • Fixed
3 decors
Catalog Pg. 102



FLOWER
Quick-Connect • Fixed
2 decors
Catalog Pg. 103



GLIDE
Quick-Connect • Fixed
3 decors
Catalog Pg. 95



HOPPI
Quick-Connect • Fixed
4 decors
Catalog Pg. 109



ICE
Quick-Connect • Fixed
2 sizes • 1 decor
Catalog Pg. 83



KAO
Quick-Connect • Fixed
2 decors
Catalog Pg. 84



KARLI
Quick-Connect • Fixed
6 decors
Catalog Pg. 114



KENO
Quick-Connect • Fixed
3 decors
Catalog Pg. 86



KIBA
Quick-Connect • Fixed
5 decors
Catalog Pg. 91



KONA
Quick-Connect • Fixed
7 decors
Catalog Pg. 111



KRISTALL 6
Quick-Connect • Fixed
3 decors
Catalog Pg. 89



LASSO
Quick-Connect • Fixed
2 decors
Catalog Pg. 105



MIA
Quick-Connect • Fixed
9 decors
Catalog Pg. 113



MODUS
Quick-Connect • Fixed
3 decors
Catalog Pg. 94



NEWTON
Quick-Connect • Fixed
2 sizes • 2 decors
Catalog Pg. 87



NICO 4
Quick-Connect • Fixed
5 decors
Catalog Pg. 108



PAHU 4
Quick-Connect • Fixed
5 decors
Catalog Pg. 106



PALLA 5
Quick-Connect • Fixed
2 decors
Catalog Pg. 111



PERA 6
Quick-Connect • Fixed
9 decors
Catalog Pg. 115



PERI
Quick-Connect • Fixed
5 decors
Catalog Pg. 110



PICA 6
Quick-Connect • Fixed
5 decors
Catalog Pg. 104



PIVOT
Quick-Connect • Fixed
2 decors
Catalog Pg. 101



POGO
Quick-Connect • Fixed
4 decors
Catalog Pg. 98

1 2 V M I N I P E N D A N T S



PRINCE
Quick-Connect • Fixed
3 finishes
Catalog Pg. 93



RONDO
Quick-Connect • Fixed
3 finishes
Catalog Pg. 92



SCOPE
Quick-Connect • Fixed
2 sizes • 3 decors
Catalog Pg. 107



SKIP
Quick-Connect • Fixed
3 decors
Catalog Pg. 94



SPAZIO
Quick-Connect • Fixed
5 decors
Catalog Pg. 90



SPUR
Quick-Connect • Fixed
5 decors
Catalog Pg. 90



SPUTNIK
Quick-Connect • Fixed
1 decor
Catalog Pg. 103



SWIRL
Quick-Connect • Fixed
1 decor
Catalog Pg. 109



TAY TAY
Quick-Connect • Fixed
6 decors
Catalog Pg. 114



TERRA
Quick-Connect • Fixed
1 decor
Catalog Pg. 100



TIMO 6
Quick-Connect • Fixed
4 decors
Catalog Pg. 96



TRILO 7
Quick-Connect • Fixed
4 decors
Catalog Pg. 110

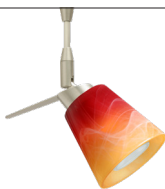


WANDA 12
Quick-Connect • Fixed
4 decors
Catalog Pg. 97



WILLOW
Quick-Connect • Fixed
1 decor
Catalog Pg. 100

1 2 V S P O T L I G H T S



CANTO 3
Quick-Connect
3 decors
Catalog Pg. 121



DIVI METAL
Quick-Connect
5 decors
Catalog Pg. 119



ICE
Quick-Connect
1 decor
Catalog Pg. 119



MOJO
Quick-Connect
2 decors
Catalog Pg. 118



NICO 3
Quick-Connect
4 decors
Catalog Pg. 120



PALLA 3
Quick-Connect
4 decors
Catalog Pg. 120



SCOPE
Quick-Connect
3 decors
Catalog Pg. 117



TAMMI 3
Quick-Connect
5 decors
Catalog Pg. 121



TIPSTER
Quick-Connect
2 finishes
Catalog Pg. 118

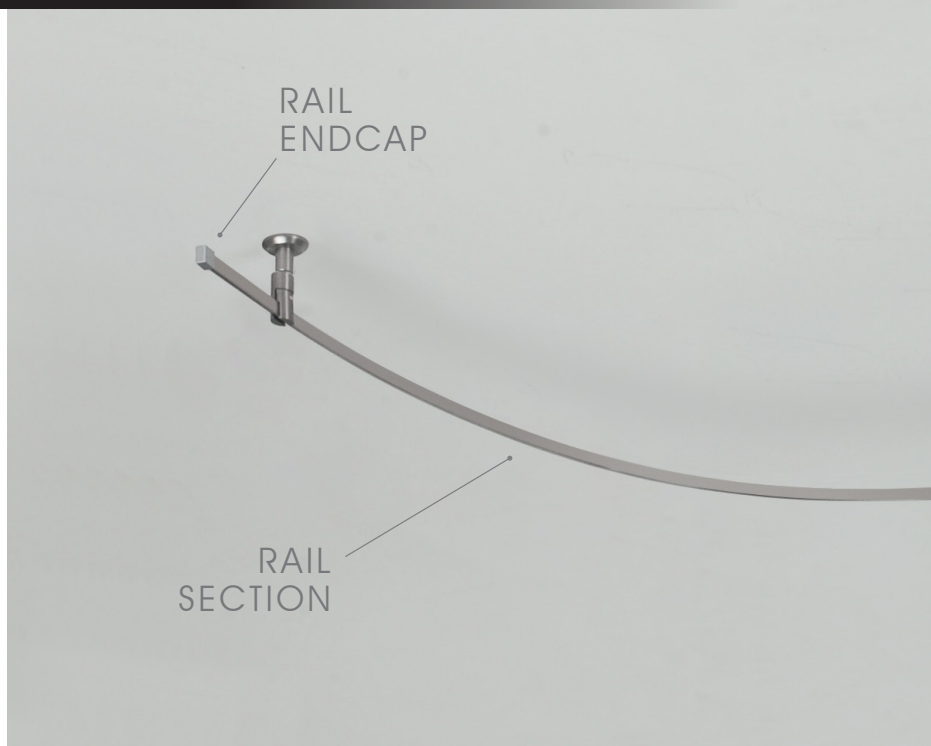


12V TRACK ADAPTER
Quick-Connect
2 finishes
Catalog Pg. 117

Packaged Monorail Kits with Surface Transformer

EXAMPLE: R12-08-SA60LED-SN

8' Monorail System with 60W LED Surface Transformer in Satin Nickel finish



STEP 1 SELECT LENGTH FOR THE RAIL KIT

- 04 4' Rail length, includes: 1x 4' Rail Section, 2x Rigid Standoff, 2x Rail Endcaps
- 08 8' Rail length, includes: 1x 8' Rail Section, 3x Rigid Standoff, 2x Rail Endcaps
- 12 12' Rail length, includes: 1x 8' Rail Section, 1x 4' Rail Section, 5x Rigid Standoff, 1x Live Rail Connector, 2x Rail Endcaps
- 16 16' Rail length, includes: 2x 8' Rail Section, 7x Rigid Standoff, 1x Live Rail Connector, 2x Rail Endcaps
- 20 20' Rail length, includes: 2x 8' Rail Section, 1x 4' Rail Section, 9x Rigid Standoff, 3x Live Rail Connector, 2x Rail Endcaps
- 24 24' Rail length, includes: 3x 8' Rail Section, 11x Rigid Standoff, 3x Live Rail Connector, 2x Rail Endcaps

STEP 2 SELECT A SURFACE TRANSFORMER

- SA60LED 60W LED Surface Transformer, 120V
- SA60LEDDIM010 60W LED Surface Transformer, 120V, 010V Dimming
- SA150 150W Surface Transformer, 120V
- SA150LED 150W LED Surface Transformer, 120V



60W TRANSFORMER



150W TRANSFORMER

STEP 3 SELECT A METAL FINISH

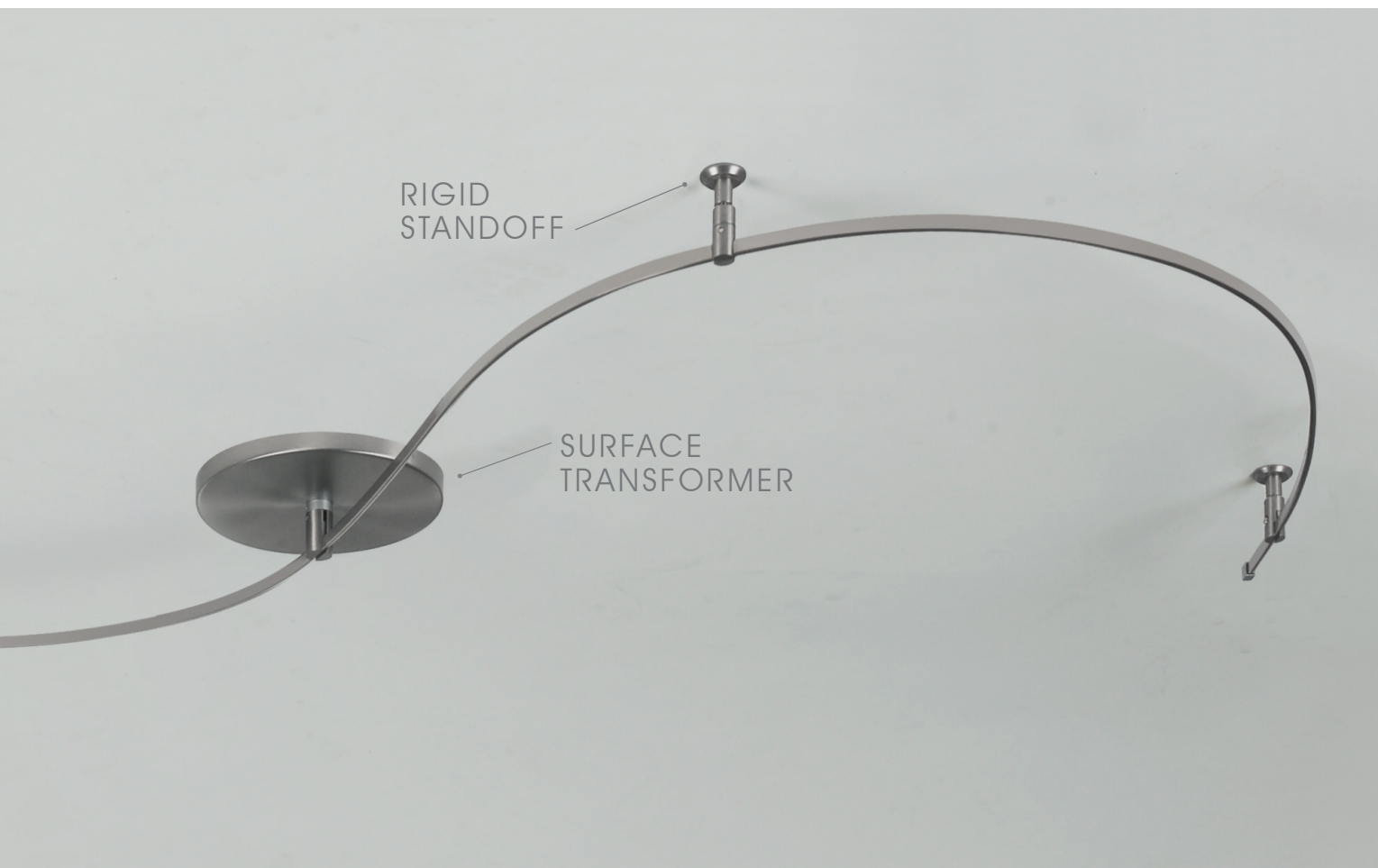
- BR Black finish
- SN Satin Nickel finish



BK
BLACK



SN
SATIN NICKEL



STEP **4** USE ORDERING GUIDE TO CREATE ITEM NUMBER

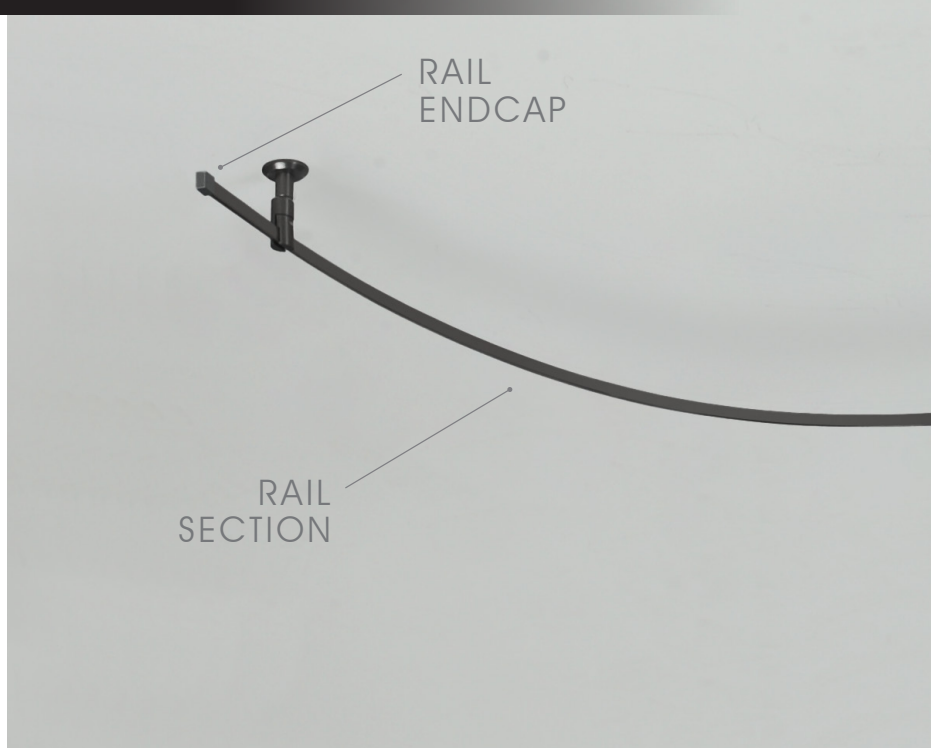
1 Select R12 Monorail System below	2 Select 08 Rail Length below	3 Select SA60LED Power Transformer below	4 Select SN Satin Nickel Finish below
R12	08	RA60LED	BK
SYSTEM	LENGTH	POWER TRANSFORMER	METAL FINISH
R12 Monorail System	04 4' Length 08 8' Length 12 12' Length 16 16' Length 20 20' Length 24 24' Length	SA60LED 60W LED Transformer SA60LEDDIM010 60W LED Transformer, 0-10V SA150 150W Electronic Transformer SA150LED 150W LED Transformer	BK Black SN Satin Nickel

Ex. R12-08-SA60LED-SN
8' Monorail kit with 60W LED Surface Transformer in Satin Nickel

Packaged Monorail Kits with Remote Transformer

EXAMPLE: R12-08-RA60LED-BK

8' Monorail System with 60W LED Remote Transformer in Black Finish



STEP 1 SELECT LENGTH FOR THE RAIL KIT

- 04 4' Rail length, includes: 1x 4' Rail Section, 2x Rigid Standoff, 2x Rail Endcaps
- 08 8' Rail length, includes: 1x 8' Rail Section, 3x Rigid Standoff, 2x Rail Endcaps
- 12 12' Rail length, includes: 1x 8' Rail Section, 1x 4' Rail Section, 5x Rigid Standoff, 1x Live Rail Connector, 2x Rail Endcaps
- 16 16' Rail length, includes: 2x 8' Rail Section, 7x Rigid Standoff, 1x Live Rail Connector, 2x Rail Endcaps
- 20 20' Rail length, includes: 2x 8' Rail Section, 1x 4' Rail Section, 9x Rigid Standoff, 3x Live Rail Connector, 2x Rail Endcaps
- 24 24' Rail length, includes: 3x 8' Rail Section, 11x Rigid Standoff, 3x Live Rail Connector, 2x Rail Endcaps

STEP 2 SELECT A SURFACE TRANSFORMER

- RA60LED** 60W LED Remote Transformer, 120V
 - RA150** 150W Electronic Remote Transformer, 120V
 - RA300** 300W Electronic Remote Transformer, 120V
 - RM150** 150W Magnetic Remote Transformer, 120V
 - RM300** 300W Magnetic Remote Transformer, 120V
 - RA150LED** 150W LED Remote Transformer, 120V
 - RA300LED** 300W LED Remote Transformer, 120V
- *includes 2Ft. 10AWG



60W, 150W & 300W

*Kit includes a Remote Feed Canopy shown above

STEP 3 SELECT A METAL FINISH

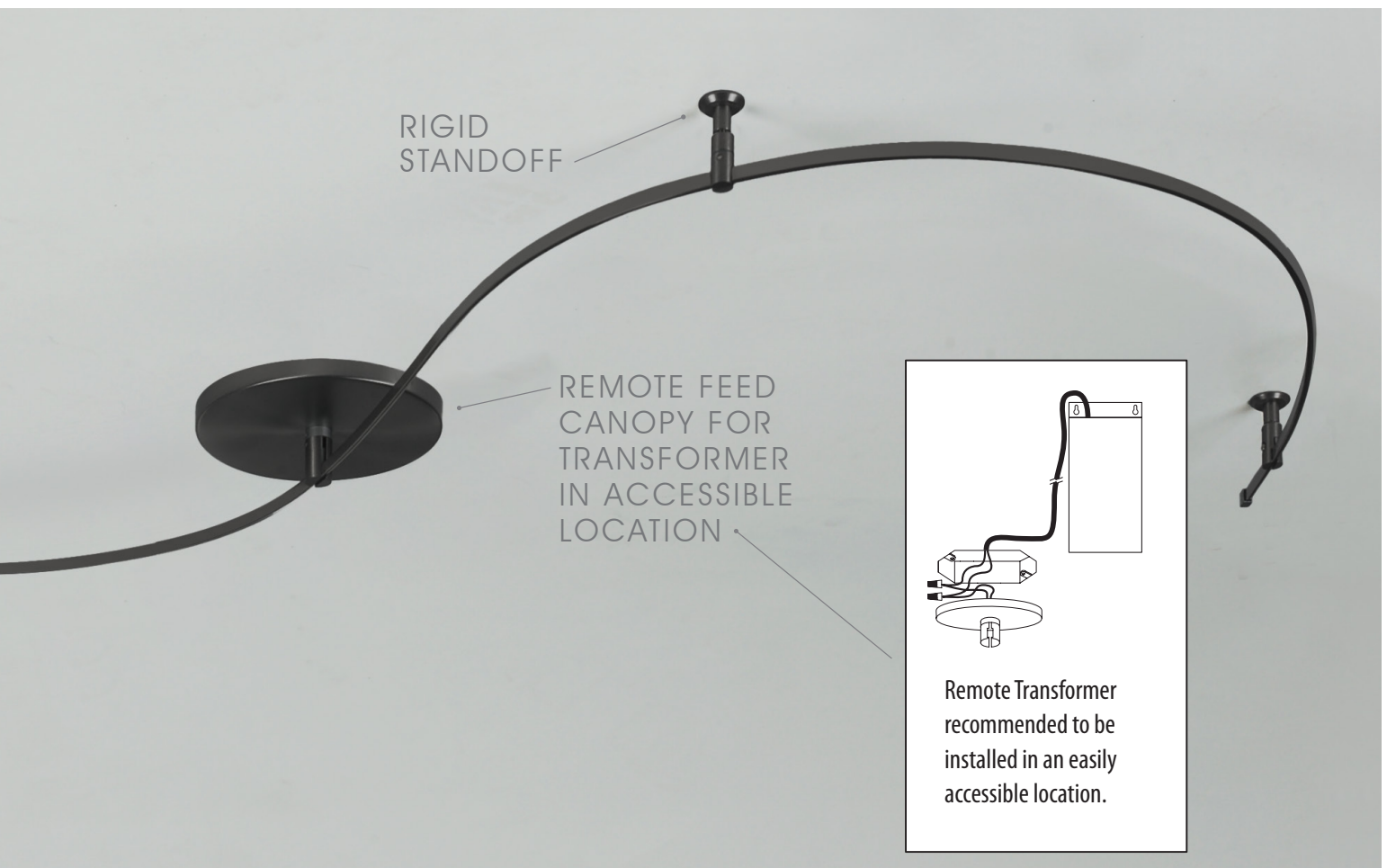
- BR** Black finish
- SN** Satin Nickel finish



BK
BLACK



SN
SATIN NICKEL



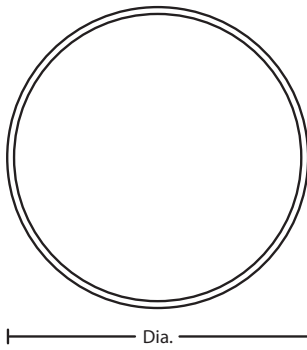
STEP **4** USE ORDERING GUIDE TO CREATE ITEM NUMBER

1 Select R12 Monorail System below	2 Select 08 Rail Length below	3 Select RA60LED Power Transformer below	4 Select BK Black Finish below
R12	08	RA60LED	BK
SYSTEM	LENGTH	POWER TRANSFORMER	METAL FINISH
R12 Monorail System	04 4' Length 08 8' Length 12 12' Length 16 16' Length 20 20' Length 24 24' Length	RA60LED 60W LED Remote Transformer RA150 150W Electronic Remote Transformer RA300 300W Electronic Remote Transformer RM150 150W Magnetic Remote Transformer RM300 300W Magnetic Remote Transformer RA150LED 150W LED Remote Transformer RA300LED 300W LED Remote Transformer	BK Black SN Satin Nickel

Ex. R12-08-RA60LED-BK
8' Monorail kit with 60W LED Remote Transformer in Black

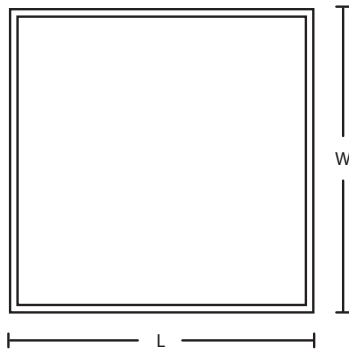
Lattice system
pictured is the
R12-L12-RA300-BK,
and pendants are
RXP-CAFE18BF-LED-BK

Monorail Configurations: Circular, Rectangular and Lattice



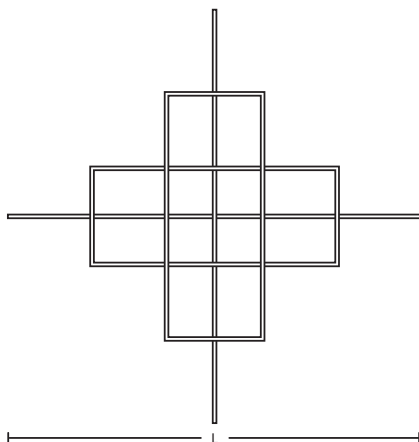
SYSTEM	DIAMETER	POWER TRANSFORMER	METAL FINISH
R12 Monorail System	C04 4' Circular	RA60LED 60W LED Remote Transformer	BK Black
	C08 8' Circular	RA150 150W Electronic Remote Transformer	SN Satin Nickel
	C12 12' Circular	RA300 300W Electronic Remote Transformer	
	C16 16' Circular	RM150 150W Magnetic Remote Transformer	
	C20 20' Circular	RM300 300W Magnetic Remote Transformer	
	C24 24' Circular	RA150LED 150W LED Remote Transformer	
		RA300LED 300W LED Remote Transformer	

Rectangular
MONORAIL CONFIGURATIONS



SYSTEM	LENGTH	POWER TRANSFORMER	METAL FINISH
R12 Monorail System	R4x4 4' x 4' Rectangular	RA60LED 60W LED Remote Transformer	BK Black
	R4x8 4' x 8' Rectangular	RA150 150W Electronic Remote Transformer	SN Satin Nickel
	R8x8 8' x 8' Rectangular	RA300 300W Electronic Remote Transformer	
	R8x12 8' x 12' Rectangular	RM150 150W Magnetic Remote Transformer	
	R12x12 12' x 12' Rectangular	RM300 300W Magnetic Remote Transformer	
		RA150LED 150W LED Remote Transformer	
		RA300LED 300W LED Remote Transformer	

Lattice
MONORAIL CONFIGURATIONS



SYSTEM	LENGTH	POWER TRANSFORMER	METAL FINISH
R12 Monorail System	L04 4' Lattice	RA60LED 60W LED Remote Transformer	BK Black
	L08 8' Lattice	RA150 150W Electronic Remote Transformer	SN Satin Nickel
	L12 12' Lattice	RA300 300W Electronic Remote Transformer	
	L16 16' Lattice	RM150 150W Magnetic Remote Transformer	
	L20 20' Lattice	RM300 300W Magnetic Remote Transformer	
	L24 24' Lattice	RA150LED 150W LED Remote Transformer	
		RA300LED 300W LED Remote Transformer	

Rail & Fitting

MONORAIL COMPONENTS

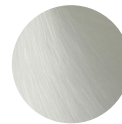
RAIL SECTIONS

Low profile brass rail is hand-bendable and field-cuttable for a variety of configurations.

4FT: 48" L x 0.18" W x 0.4" H 8FT: 96" L x 0.18" W x 0.4" H



BK
BLACK



SN
SATIN NICKEL

4' Rail Item / Finish

R12-RAIL4-BK Black
R12-RAIL4-SN Satin Nickel

8' Rail Item / Finish

R12-RAIL8-BK Black
R12-RAIL8-SN Satin Nickel

LIVE RAIL CONNECTOR

Physically & electrically connects two rail sections on same transformer.

Item / Finish

R12-ICONN-BK Black
R12-ICONN-SN Satin Nickel



ISOLATING RAIL CONNECTOR

Physically connects two rail sections, on separate transformers.

Item / Finish

R12-DCONN-BK Black
R12-DCONN-SN Satin Nickel



LIVE "L" RAIL CONNECTOR

Physically & electrically connects two rail sections on same transformer.

Item / Finish

R12-LCONN-BK Black
R12-LCONN-SN Satin Nickel



END CAP

Finish off the end of the rail.

Item / Finish

R12-NDCAP-BK Black
R12-NDCAP-SN Satin Nickel



Support Hardware

MONORAIL COMPONENTS

RIGID STANDOFF

For use with all power supplies. Includes dual height hardware, for either 2" or 4.75."

Item / Finish

R12-STAN1-BK Black
R12-STAN1-SN Satin Nickel



EXTENSION POSTS

Field-cuttable posts for longer suspensions with Besa standoffs (Rigid or Swivel).

R12-EXT06-BR 6"
R12-EXT06-SN

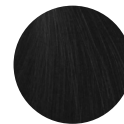
R12-EXT12-BR 12"
R12-EXT12-SN

R12-EXT18-BR 18"
R12-EXT18-SN

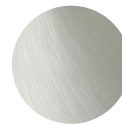
6"

12"

18"



BK
BLACK



SN
SATIN NICKEL

RAIL ADAPTER

For connecting Spotlight or Pendant Elements to Besa monorail systems. Available separately for use with #SP or #XP series elements, or included as part of the #RSP and #RXP element configurations.

Item / Finish

R12-QCADP-BK Black
R12-QCADP-SN Satin Nickel



ADJUSTABLE CABLE SUPPORT

For longer drops, includes 5' of cable. Recommended for use with minimal curves. Rail connection includes an adjustable cable retainer, for ease of use.

Item / Finish

R12-CBL60-BK 5' Black
R12-CBL60-SN 5' Satin Nickel
R12-CBL120-BK 10' Black
R12-CBL120-SN 10' Satin Nickel



T-BAR CLIPS:

All Besa standoffs and cable supports are compatible with standard T-Bar clips, for use with suspended ceiling systems. Standard clips utilize a 1/4-20 threaded post, 5/8" long.

LOCATION: Besa monorail components are listed **DRY**

Surface Power Supplies

MONORAIL COMPONENTS

60W & 150W ELECTRONIC LED SURFACE TRANSFORMER:

Low-profile LED rail power supply, specifically for use with LED spotlights and pendants.

60W no-load 12V dimmable electronic transformer fits in the junction box. No remote transformer required.

5" Dia. x 0.75" H, overall height with rail connector 2.0"

R12-SA60LED-BK	60W Black, 120V
R12-SA60LED-BK-DIM010	60W Black, 0-10V Dimming
R12-SA60LED-SN	60W Satin Nickel, 120V
R12-SA60LED-SN-DIM010	60W Satin Nickel, 0-10V Dimming
R12-SA150LED-BK	150W Black, 120V
R12-SA150LED-BK-DIM010	150W Black, 0-10V Dimming
R12-SA150LED-SN	150W Satin Nickel, 120V
R12-SA150LED-SN-DIM010	150W Satin Nickel, 0-10V Dimming



BK
BLACK



SN
SATIN NICKEL



60W



150W

Remote Transformers

MONORAIL COMPONENTS

150W & 300W REMOTE ELECTRONIC TRANSFORMER:

Provides 150W AC output at 12V

R12-RA150-120	150W, 120V, Electronic AC
R12-RA300-120	300W, 120V, Electronic AC
R12-RA150LED-120	150W, 120V, LED
R12-RA300LED-120	300W, 120V, LED

150W & 300W REMOTE MAGNETIC TRANSFORMER:

R12-RM150-120	150W, 120V, Magnetic AC
R12-RM150-277	150W, 277V, Magnetic AC
R12-RM300-120	300W, 120V, Magnetic AC
R12-RM300-277	300W, 277V, Magnetic AC

LOCATION: DRY



Power Supply Accessories

MONORAIL COMPONENTS

REMOTE FEED CANOPY

For use with Remote Transformer applications, includes 2' of 10AWG Flexible Feed Cable.

5" Dia. x 0.75" H,
overall height with
rail connector 2.0".



Remote Feed Canopy / Finish

R12-REMFC-BK	Black
R12-REMFC-SN	Satin Nickel

FLEXIBLE FEED CABLE

Cable for longer reach. 10AWG.



Feed Cable / Finish

R12-FLX60-BK	5' Black
R12-FLX60-CL	5' Clear
R12-FLX120-BK	10' Black
R12-FLX120-CL	10' Clear

LOCATION: Besa monorail power supplies are listed **DRY**



B E S A LIGHTING

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BESALIGHTING.COM | FACEBOOK.COM/BESALIGHTING | MONORAIL SYSTEMS

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We reserve the right to make any corrections without liability.

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