



# Basis

Translite Low Voltage Track System



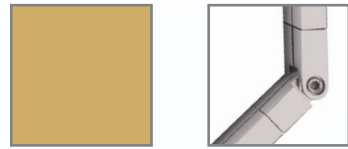
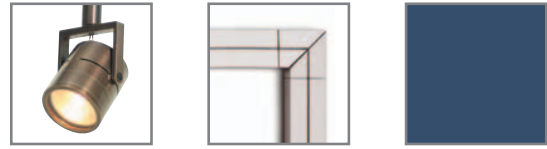
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PLTR-0000-BR 04/13

Philips Lighting Company  
200 Franklin Square Drive  
Somerset, NJ 08873  
Phone: 855-486-2216

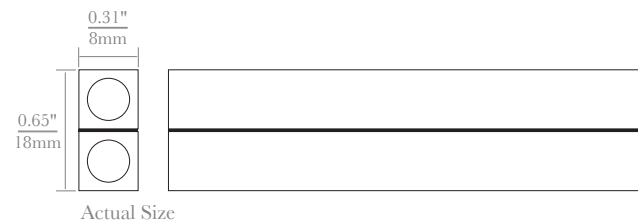
Philips Lighting Company  
281 Hillmount Road  
Markham ON, Canada L6C 2S3  
Phone: 800-668-9008

**PHILIPS**  
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# Basis

Translite Sonoma's low-profile monorail system is creating a buzz again with the new Rubbed Bronze finish. Crafted in solid brass, this warm, earthy finish elevates track lighting to a higher standard in interior design. Also in Aluminum and Polished Nickel, Basis is ideal for linear and angled configurations, can be wall or ceiling mounted, and is field or factory bendable into curved or circular forms.



## BASIS

### SAMPLE CONFIGURATIONS

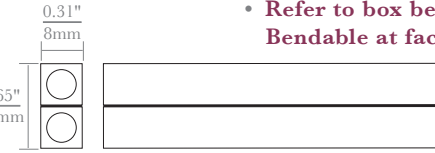
	<p><b>12' x 4' Rectangle</b>                  No. of fixtures: 12 (30" spacing)                  Total wattage: 600 (50w per fixture)</p> <p><b>Conductor</b>                  (4x) basis tracks 8' BT8-505-PN</p> <p><b>Hardware</b>                  (12x) ceiling anchor: cable BT-310-PN</p> <p><b>Couplers</b>                  (2x) couplers BT-512-PN                  (4x) adjustable couplers BT-513-PN or BT-522-PN                  (2x) isolators BT-511-BK</p> <p><b>Power</b>                  (2x) power canopies BT-509-PN                  (2x) remote power supplies PS6, TSQ 300 or BT-528-PN                  power cable BT-503-__ft</p> <p><b>Fixtures</b>                  (12x) fixtures to be specified</p>
	<p><b>12' x 6' Oval</b>                  No. of fixtures: 12 (36" spacing)                  Total wattage: 600 (50w per fixture)</p> <p><b>Conductor</b>                  (6x) basis track 8' BT8-505-RB</p> <p><b>Hardware</b>                  (10x) ceiling anchor: stem BT-316-RB-3.5</p> <p><b>Couplers</b>                  (6x) couplers BT-512-RB                  (2x) isolators BT-511-RB</p> <p><b>Power</b>                  (2x) TSQ 300 power supplies TSQ 300 or BT-528-RB                  (2x) power canopy BT-509-RB</p> <p><b>Fixtures</b>                  (12x) fixtures to be specified</p>
	<p><b>8' x 10' On Wall System</b>                  No. of fixtures: 9 (24" spacing)                  Total wattage: 450 (50w per fixture)</p> <p><b>Conductor</b>                  (2x) basis track 8' BT8-505-AL                  (1x) basis track 4' BT4-505-AL                  (2x) end caps BT-808-BK</p> <p><b>Hardware</b>                  (6x) wall anchors BT-312-AL</p> <p><b>Couplers</b>                  (1x) coupler BT-512-AL                  (1x) adjustable coupler BT-513-AL or BT-522-AL                  (1x) isolator BT-511-BK</p> <p><b>Power</b>                  (2x) power plates BT-508-AL                  (2x) remote power supplies PS6, TSQ 300 or BT-528-AL                  power cable BT-503-__ft</p> <p><b>Fixtures</b>                  (12x) fixtures to be specified</p>

Make your design	Basis
Conductor	Page BT5
Hardware	Page BT6
Couplers	Page BT7
Power	Page BT8 -BT9
Fixtures	Page BT10



**Basis Track (BT-505)**

- **Aluminum and Polished Nickel:** Conductors constructed of extruded aluminum. Spans up to 48" between supports
- **Rubbed Bronze:** Conductors constructed of solid brass with an elegant bronze finish. Spans up to 24" between supports
- Square tube construction; field cut-able
- Available in 4' or 8' lengths. Not field bendable
- Rated for 300 watts at 12 volts and 600 watts at 24 volts
- **Refer to box below to estimate curved runs.**  
**Bendable at factory to as small as an 18" radius**



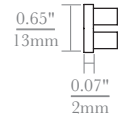
**Bendable Basis Track (BT-505-B)**

Field-bendable Basis is available in Aluminum for bends as small as an 18" radius. (Note: Bend on horizontal axis only. Not available in Rubbed Bronze or Polished Nickel.)



**End Cap (BT-808-BK)**

Black decorative cap covers the ends of Basis Track.



sample model# **BT-8-505-PN**

Code	Length-Model #	Finish
BT-	4-505 - 4' Length	AL - Aluminum
	8-505 - 8' Length	PN - Polished Nickel RB - Rubbed Bronze

sample model# **BT-4-505-B-AL**

Code	Length- Model #	Finish
BT-	4-505-B-AL - 4' bendable Aluminum	
	8-505-B-AL - 8' bendable Aluminum	

**BT-808**

**Basis Bending Instructions**

**Factory Bending:**

Whereas field bending is good for small runs with a simple bend, more complicated architectural shapes should be bent by the factory. For factory bends of more than one radius, all orders or requests for quotations must be accompanied by a full size template or electronic drawing that details both the radius and arc length of all curves.

**Field Bending:**

Determine total length of track needed, ordering in 4' and 8' increments and adding 25% extra track for each bend [when bending, you get 6'6" (2 m) of usable track from an 8' (2.4 m) length].

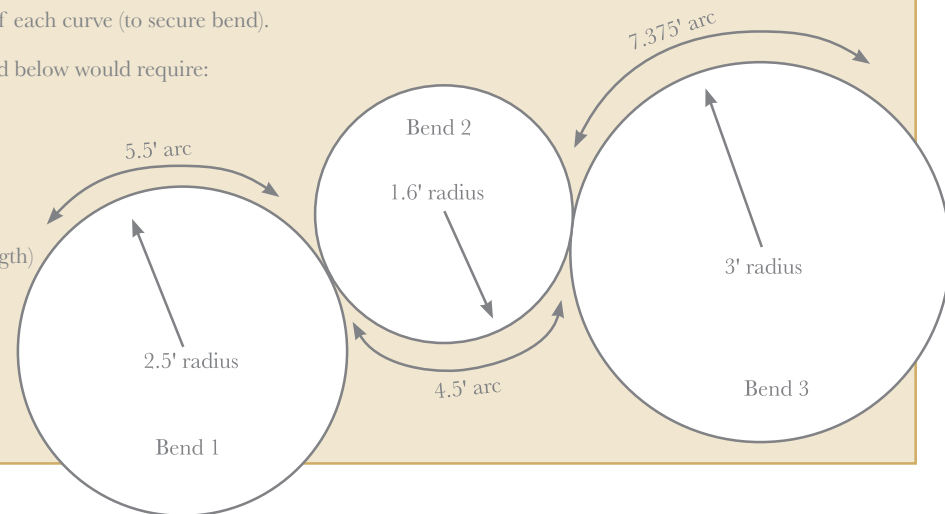
For example, a circle with a radius of 2.5' (5' diameter) would require track to make a circle with a circumference of  $\pi \times \text{diameter}$  (3.14 x 5') or 15.7' circumference. Add 25%: 15.7' x 1.25 = 19.625' of usable track which rounds to 24', or two 8' and one 4' lengths of track.

Specify enough couplers for each track connection.  
Order a mounting anchor for the apex of each curve (to secure bend).

**Example:** Bending the curve illustrated below would require:

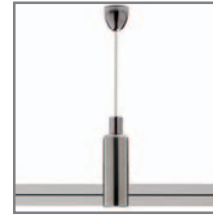
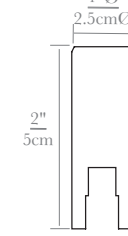
- Bend 1: 5.5' track x 1.25 = 6.875' (order one 8' length)
- Bend 2: 4.5' track x 1.25 = 5.625' (order one 8' length)
- Bend 3: 7.375' track x 1.25 = 9.21' (order one 8' length & one 4' length)

Total order: 28 feet of track (three 8' lengths & one 4' length)



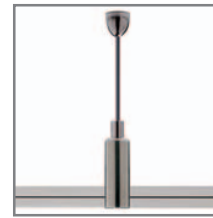
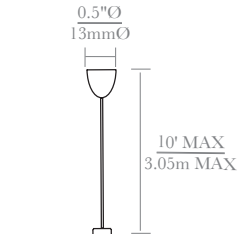
**Ceiling Anchor (BT-311)**

Used to anchor Basis Track. Aluminum and Polished Nickel mount every 48" minimum. Rubbed Bronze mount every 24" minimum. Use with Power Canopy BT-519.



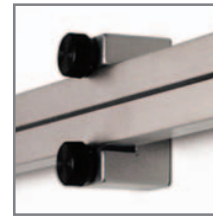
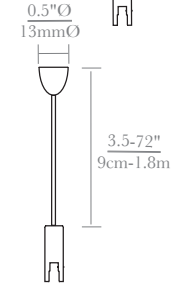
**Ceiling Anchor : Cable (BT-310)**

Supports ceiling mounted Basis Track with aircraft cable. Supplied with 10' of cable. Field cuttable. AL and PN mount every 48" minimum. RB mount every 24" minimum. Recommended for sloped ceiling applications.



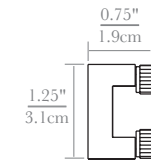
**Ceiling Anchor : Stem (BT-316)**

Supports ceiling mounted Basis Track with rigid stem. AL and PN mount every 48" minimum. RB mount every 24" minimum.



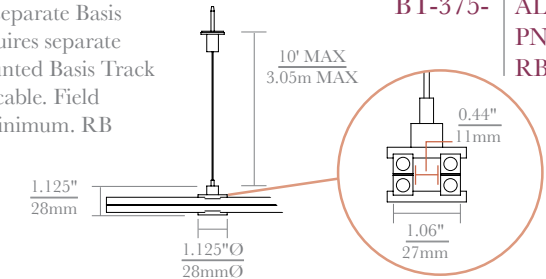
**Wall Anchor (BT-312)**

Used to attach Basis Track to any surface. Can be used for ceiling. AL and PN mount every 48" minimum. RB mount every 24" minimum.



**NEW! Dual Basis Clip : Cable (BT-375)**

The Dual Basis Clip supports two parallel Basis conductors to enable installation of two separate Basis systems side by side. Each conductor requires separate power connections. Supports ceiling mounted Basis Track with aircraft cable. Supplied with 10' of cable. Field cut-able. AL and PN mount every 48" minimum. RB mount every 24" minimum.



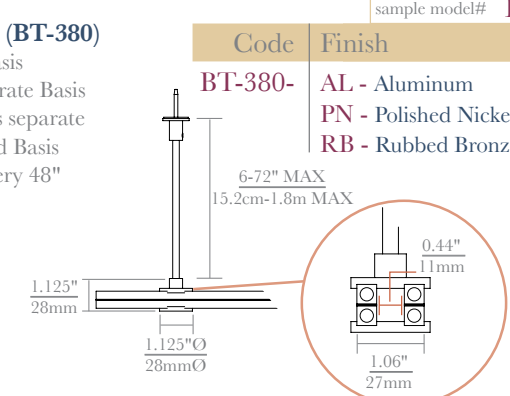
sample model# **BT-375-AL**

Code	Finish
BT-375-	AL - Aluminum
	PN - Polished Nickel
	RB - Rubbed Bronze



**NEW! Dual Basis Clip : Stem (BT-380)**

The Dual Basis Clip supports two parallel Basis conductors to enable installation of two separate Basis systems side by side. Each conductor requires separate power connections. Supports ceiling mounted Basis Track with rigid stem. AL and PN mount every 48" minimum. RB mount every 24" minimum.



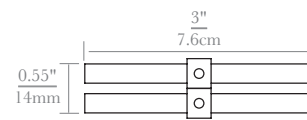
sample model# **BT-380-PN-12**

Code	Finish	Length
BT-380-	AL - Aluminum	_____ "
	PN - Polished Nickel	specify length
	RB - Rubbed Bronze	6" - 72"



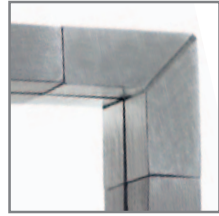
**Coupler (BT-512)**

Mechanically and electrically connects sections of Basis Track.



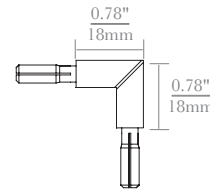
sample model# **BT-512-AL**

Code	Finish
<b>BT-512-</b>	AL - Aluminum PN - Polished Nickel RB - Rubbed Bronze



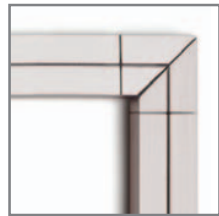
**NEW! 90° Basis Ceiling Coupler (BT-522)**

Mechanically and electrically connects sections of Basis Track. Used to connect 2 sections of Basis Track at 90° angles.



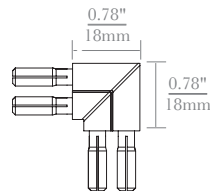
sample model# **BT-522-RB**

Code	Finish
<b>BT-522-</b>	AL - Aluminum PN - Polished Nickel RB - Rubbed Bronze



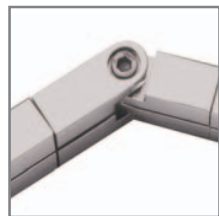
**90° Basis Wall Coupler (BT-518)**

Mechanically and electrically connects sections of Basis Track. Used to connect 2 sections of Basis Track at 90° angles.



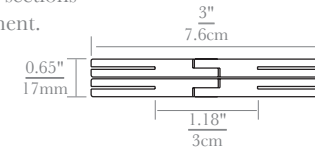
sample model# **BT-518-AL**

Code	Finish
<b>BT-518-</b>	AL - Aluminum PN - Polished Nickel RB - Rubbed Bronze



**Adjustable Coupler (BT-513)**

Mechanically and electrically connects sections of Basis Track. Allows 180° of adjustment.



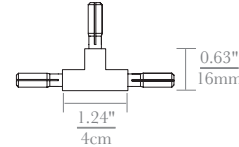
sample model# **BT-513-RB**

Code	Finish
<b>BT-513-</b>	AL - Aluminum PN - Polished Nickel RB - Rubbed Bronze



**NEW! T-Coupler (BT-520)**

Mechanically and electrically connects sections of Basis Track. Used to connect 3 sections of Basis Track at 90° angles.



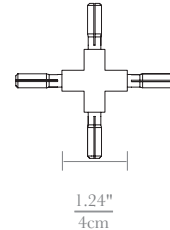
sample model# **BT-520-PN**

Code	Finish
<b>BT-520-</b>	AL - Aluminum PN - Polished Nickel RB - Rubbed Bronze



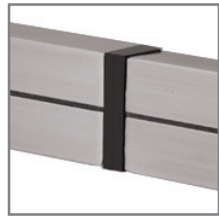
**NEW! X-Coupler (BT-521)**

Mechanically and electrically connects sections of Basis Track. Used to connect 4 sections of Basis Track at 90° angles.



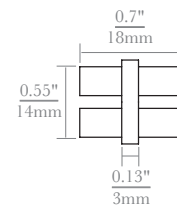
sample model# **BT-521-PN**

Code	Finish
<b>BT-521-</b>	AL - Aluminum PN - Polished Nickel RB - Rubbed Bronze

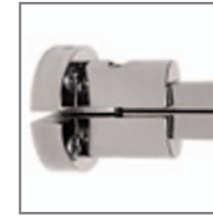


**Isolator (BT-511)**

Electrically isolates sections of Basis Track. Black finish.

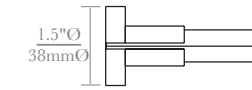


**BT-511**



**Power Anchor (BT-514)**

Powers Basis Track from one end of the run. Typically wall mounted. Note : Use isolating plate BT-813 when mounting BT-514 anchors to metal surface (ordered separately)



sample model# **BT-514-PN**

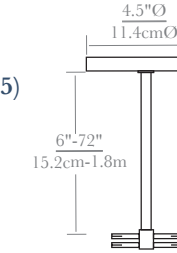
Code	Finish
<b>BT-514-</b>	AL - Aluminum PN - Polished Nickel RB - Rubbed Bronze

Isolator Plate BT-813



**Mid Feed Power Bracket (BT-515)**

Covers standard 4" octagon box or 3" light ring. Delivers low voltage power from remote transformer to Basis Track. Not field cut-able. 300w maximum.



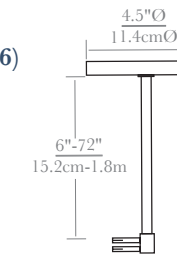
sample model# **BT-515-AL**

Code	Finish	Length
<b>BT-515-</b>	AL - Aluminum PN - Polished Nickel RB - Rubbed Bronze	specify length 6" - 72"



**End Feed Power Bracket (BT-516)**

Covers standard 4" octagon box or 3" light ring. Delivers low voltage power from remote transformer to Basis Track. Not field cut-able. 300w maximum.



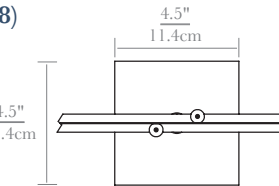
sample model# **BT-516-PN**

Code	Finish	Length
<b>BT-516-</b>	AL - Aluminum PN - Polished Nickel RB - Rubbed Bronze	specify length 6" - 72"



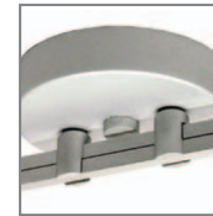
**Wall Mount Power Plate (BT-508)**

Covers standard 4" octagon box or 3" light ring. Delivers low voltage power from remote transformer to Basis Track. Basis Track mounts directly to Power Plate.



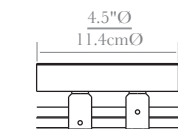
sample model# **BT-508-RB**

Code	Finish
<b>BT-508-</b>	AL - Aluminum PN - Polished Nickel RB - Rubbed Bronze



**Power Canopy Feed (BT-519)**

Covers standard 4" octagon box or 3" light ring. Delivers low voltage power from remote transformer to Basis Track. Basis Track mounts directly to power feeds on the canopy. Use with Ceiling Anchor BT-311.



sample model# **BT-519-AL**

Code	Finish
<b>BT-519-</b>	AL - Aluminum PN - Polished Nickel

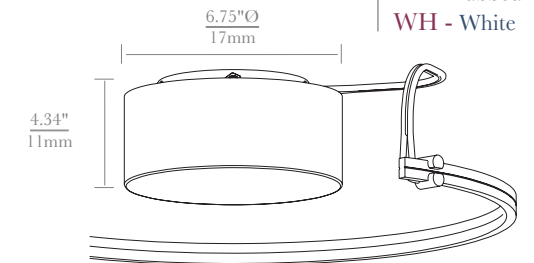


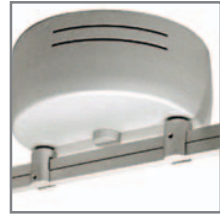
**NEW! 300 watt Surface Mount Magnetic Power Supply (BT-528)**

- U.L.-2108 Standard compliant for low voltage lighting.
- Mounts to standard 4" junction box.
- Delivers low voltage power from integral 300 watt magnetic transformer to Basis track.
- Single and dual tap options. Dual tap ensures optimal voltage output when using a dimmer.
- 72" Power Feed Cable provided. Power Bolts included.

sample model# **BT-528-2-AL**

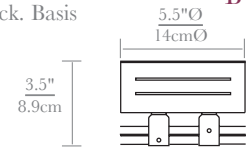
Code	Tap	Finish
<b>BT-528</b>	1 - Single Tap 2 - Dual Tap	AL - Aluminum PN - Polished Nickel RB - Rubbed Bronze WH - White





**250 watt Surface Mount Electronic Power Supply: Stem (BT-526)**

Covers standard 4" octagon box or 3" light ring. Delivers low voltage power from integral 250w electronic transformer to Basis Track. Basis Track mounts directly to power feeds on the canopy. Suitable for runs up to 16'. Maximum distance from power supply to fixture is 8'. Use with ceiling mount stem BT-316-3.5.



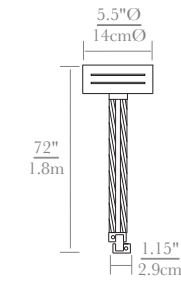
sample model# **BT-526-PN**

Code	Finish
<b>BT-526-</b>	AL - Aluminum PN - Polished Nickel RB - Rubbed Bronze



**250 watt Surface Mount Electronic Power Supply: Cable (BT-527)**

Covers standard 4" octagon box or 3" light ring. Delivers low voltage power from integral 250w electronic transformer to Basis Track. Suitable for runs up to 16'. Maximum distance from power supply to fixture is 8'. 72" power feed cable leads provided.



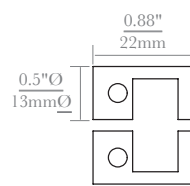
sample model# **BT-527-PN**

Code	Finish
<b>BT-527-</b>	AL - Aluminum PN - Polished Nickel RB - Rubbed Bronze



**Power Bolt (BT-507)**

Connects Power Feed Cable to Basis Track.



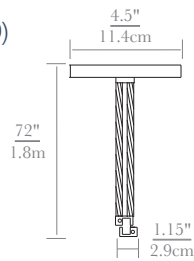
sample model# **BT-507-AL**

Code	Finish
<b>BT-507-</b>	AL - Aluminum PN - Polished Nickel RB - Rubbed Bronze



**Power Canopy (BT-509; BT-510)**

Covers standard 4" octagon box or 3" light ring. Delivers low voltage power from remote transformer to Basis Track. Specify single or double feed. 72" Power Feed Cable leads provided. Power Bolts included. Specify single or double feed.



sample model# **BT-510-RB**

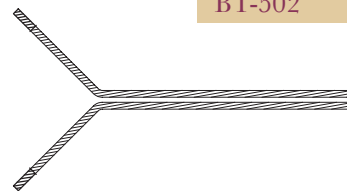
Code	Model #	Finish
<b>BT-</b>	509 - Single Feed 510 - Double Feed	AL - Aluminum PN - Polished Nickel RB - Rubbed Bronze



**Power Feed Cable (BT-502)**

Power Feed Cable is a stranded copper dual conductor, insulated with a PVC jacket. Delivers 12v power from Power Supply to the Basis Track. It is not for use in conduit or in any inaccessible space. Cable is 10 gauge.

**BT-502**



**Teflon™ Coated Power Cable (BT-503)**

Teflon Coated Power Cable is a stranded copper, single conductor, insulated with Teflon. May be suitable for use in a plenum. Local codes may differ. Provides delivery of low voltage power without conduit through enclosed areas from the power supply to the Basis Track. Cable is 8 gauge.

**BT-503**



Rotor: RTR



Flexi Spot: FLX



Micro Spot E: MIE



Euro: EUR



Television: TVN



Super Sing: SSG



Super Aria: SAR



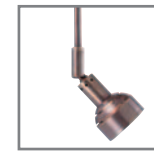
Phantasm: PHN



Vision: VIS



Mesh: MSH



Micro Spot G: MIG



Espion: ESP



Basio: BSO



Retro 8: REA



Retro 11: REE



Retro 16: RES



Retro 20: RET



Retro 20D: RED



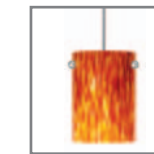
Micro Spot D: MID



3 Wishes: THW



Retro Glass: REG



Mini Patrik: MPK



Mini Osmos: MOS



Mini Silo: MSL



Squeeze: SQZ



Mini Atcha: MAC



Mini Cereus: MCE



Mini Magda: MMA



Vanish: VAN



Mini Naples Vine: MNV



Magista: MGT

Basis