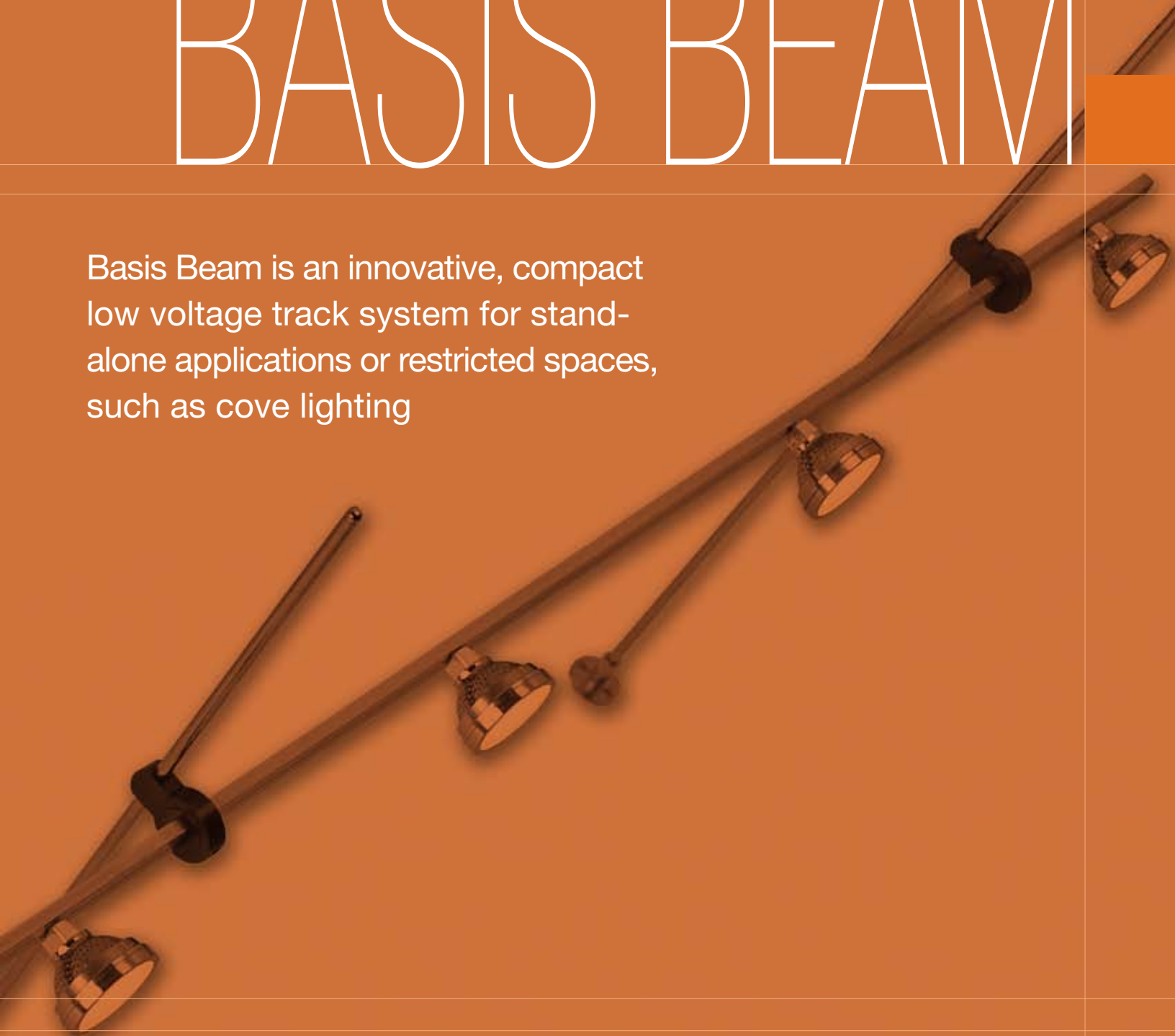


# BASIS BEAM

Basis Beam is an innovative, compact low voltage track system for stand-alone applications or restricted spaces, such as cove lighting



- Lamps plug directly into track
- Concentric mounting disks provide 360° rotation
- Flush mount or suspended applications

# Designing a Basis Beam System

## Step 1. Establishing Lighting Priorities

When designing a Basis Beam system it is important to determine the key elements that you want to illuminate. Paintings, sculptures and displays require accent lighting to make them stand out. Wall surfaces react differently with varied lighting techniques. For example, mounting fixtures very close to a vertical surface—a technique called grazing—will bring forth the texture of a surface, such as masonry. Whereas fixtures mounted further away from a wall—a technique called washing—will subdue the texture of the surface. When designing your Basis Beam system, it is also important to harmonize the track lighting with other light sources that may be used in your space. Working with a few basic lighting concepts will ensure that the Basis Beam system fulfills your lighting requirements.

## Step 2. Creating Your Optimal Design

Architecture defines how light is diffused and how the Basis Beam system will be installed. Vaulted ceilings with open beams and trusses will require a different lighting configuration than the modern office space of glass and brushed metal surfaces. Basis Beam is a versatile lighting system with clean, minimal lines that can complement any architectural style and interior design. Basis Beam may be suspended from ceiling or wall surfaces. Use Basis Beam for subtle cove lighting or build a unique stand-alone fixture. Basis Beam allows you to create a completely custom installation with standard components and your vivid imagination.

## Step 3. Putting Your Ideas on Paper

The easiest way to design a new system is to do a quick sketch. Taking into consideration your lighting priorities and the architecture of the space you would like to illuminate, sketch out a rough drawing of how you would like the track to look and where you would like to place the lamps. This simple exercise will ensure that your design provides the style and the lighting you require.

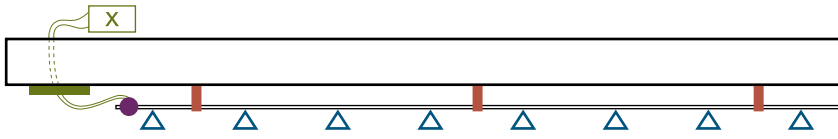
## 4. Selecting Your Fixtures

Basis Beam does not simply illuminate your space, but allows you to accentuate the architectural features and character of your space. Prospective jobs become easels for the creation of stunning compositions of light, texture and color.



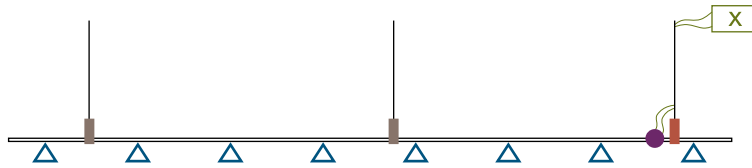
# Basis Beam Sample Configurations

## 8' Flush Mount



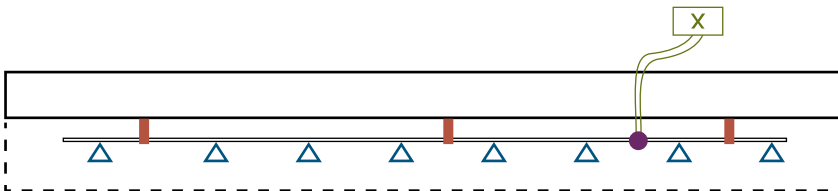
No. of lamps:	8 (12" on center)
Total wattage:	296 (37w per lamp)
<b>Conductor</b>	
Basis Beam 8'	BB8-505-8-PN
<b>Hardware</b>	
(3x) Mounting bracket flush mount	BB-333
<b>Power</b>	
Power canopy	BT-509-PN
Remote power supply	PS6, TSQ 300 or BT-528-PN
Power cable	BT-503-__ft
(2x) Power bolts	BT-507
<b>Lamps</b>	
(8x) Lamps	MR16 lamps

## 8' Suspended – 48" drop



No. of lamps:	8 (12" on center)
Total wattage:	296 (37w per lamp)
<b>Conductor</b>	
Basis Beam 8'	BB8-505-8-RB
<b>Hardware</b>	
(2x) Suspension assembly – no feed	BB-533-48-RB
Suspension assembly – power feed	BB-534-48-RB
<b>Power</b>	
TSQ 300 power supply	TSQ 300 or BT-528-PN
Power cable	BT-503-__ft
(2x) Power bolts	BT-507
<b>Lamps</b>	
(8x) Lamps	MR16 lamps

## 8' Cove Lighting



No. of lamps:	8 (12" on center)
Total wattage:	296 (37w per lamp)
<b>Conductor</b>	
Basis Beam 8'	BB8-505-8-RB
(2x) End caps	BT-808-BK
<b>Hardware</b>	
(3x) Mounting bracket flush mount	BB-333
<b>Power</b>	
(2x) Remote power supplies	PS6, TSQ 300 or BT-528-PN
Power cable	BT-503-__ft
(2x) Power bolts	BT-507
<b>Lamps</b>	
(8x) Lamps	MR16 lamps

# Conductor



## Basis Beam (BB-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 adjustable; not bendable
- Rated for 300 watts at 12 volts and 600 watts at 24 volts
- Available in 4' or 8' lengths
- Sockets available at 6", 8" and 12" on center for 4' lengths and at 8" and 12" on center for 8' lengths.

	On center	Total lamp sockets	Max wattage per lamp	Total Wattage
4' length	6"	8	37	296
	8"	6	50	300
	12"	4	37	148
	12"	4	50	200
8' length	8"	12	20	240
	12"	8	37	296

### Ordering Code:

#### Code

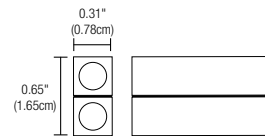
BB4 4" Length      BB8 8" Length  
(not available with 6" spacing)

#### Socket Spacing

6" On Center      8" On Center      12" On Center

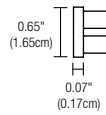
#### Metal Finish

AL Satin Aluminum      PN Polished Nickel      RB Rubbed Bronze



## End Cap (BT-808-BK)

Black decorative cap covers the ends of Basis Track.



### Ordering Code:

**BT** - **808**  
Code      Model

### Basis Beam

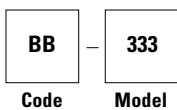
Basis Beam is a unique low voltage track system that allows lamps to plug directly into the conductor. Basis Beam may be suspended in an office setting, as a freestanding linear beam of lamps, or mounted flush to the wall or ceiling. Basis Beam mounting hardware allows suspended track to rotate 360 degrees. Surface mounted applications may be rotated 150 degrees.

Basis Beam is also an efficient and cost effective option for cove lighting. Track and lamp width is no greater than 2" inches, which allows Basis Beam to be mounted into tight areas to provide an even, grazing spread of light along walls and ceilings.

# Mounting Hardware

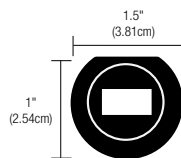
Refer to page 18 for additional compatible components

Ordering Code:

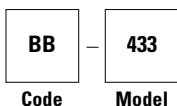


## Mounting Bracket - Flush Mount (BB-333)

Used to mount Basis Beam to any surface. Mount every 48" maximum. Concentric disks provide full rotation of track for precise aiming. Articulation may be locked with set screws.

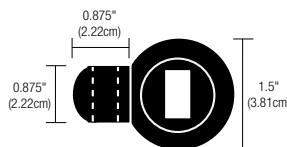


Ordering Code:

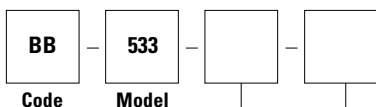


## Mounting Bracket - Suspension Mount (BB-433)

Used with a Suspension assembly (BB-533 or BB-534) to suspend or cantilever Basis Beam from any surface. Mount every 48" maximum. Concentric disks allow full rotation of track for precise aiming. Articulation of the track may be locked with set screws.



Ordering Code:



Overall Length

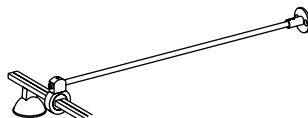
ST 16" Standard Length (Maximum wall suspension)  
6"-72" Specify Length

Metal Finish

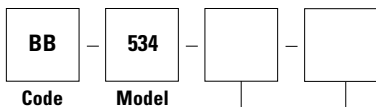
AL Satin Aluminum    PN Polished Nickel    RB Rubbed Bronze

## Suspension Assembly - No Feed (BB-533)

Used to suspend or cantilever Basis Beam from any surface. Mount every 42". Mounting bracket (BB-433) included. Multiple tracks can be used with one Suspension assembly. 16" maximum when cantilevering off a wall. Field adjustable. Canopy measures 1.5"Ø x 0.125"h.



Ordering Code:



Overall Length

ST 16" Standard Length (Maximum wall suspension)  
6"-72" Specify Length

Metal Finish

AL Satin Aluminum    PN Polished Nickel    RB Rubbed Bronze

## Suspension Assembly - Power Feed (BB-534)

Used to suspend or cantilever Basis Beam from any surface. Mount every 42". Mounting bracket (BB-433) included. Multiple tracks can be used with one Suspension assembly. 16" maximum when cantilevering off a wall. Includes feed wires coming through an aperture at the end of the rod. Includes one pair of Power Bolts. Field adjustable. Canopy measures 4.5"Ø x 0.5"h.

