Track lighting

Section 2

Philips Lightolier track bundles innovation, flexibility and performance with ease of use.

Philips Lightolier's Lytespan Track has maintained a reputation for its commitment to excellence and innovation since its inception over 40 years ago. Designed to blend with a variety of residential and light commercial interiors, Lytespan offers lighting that is visually powerful and versatile. A wide selection of products allows Lytespan to meet virtually any lighting need while providing the optimum level of style and performance. With Lytespan, high light output and energy efficiency are not mutually exclusive.
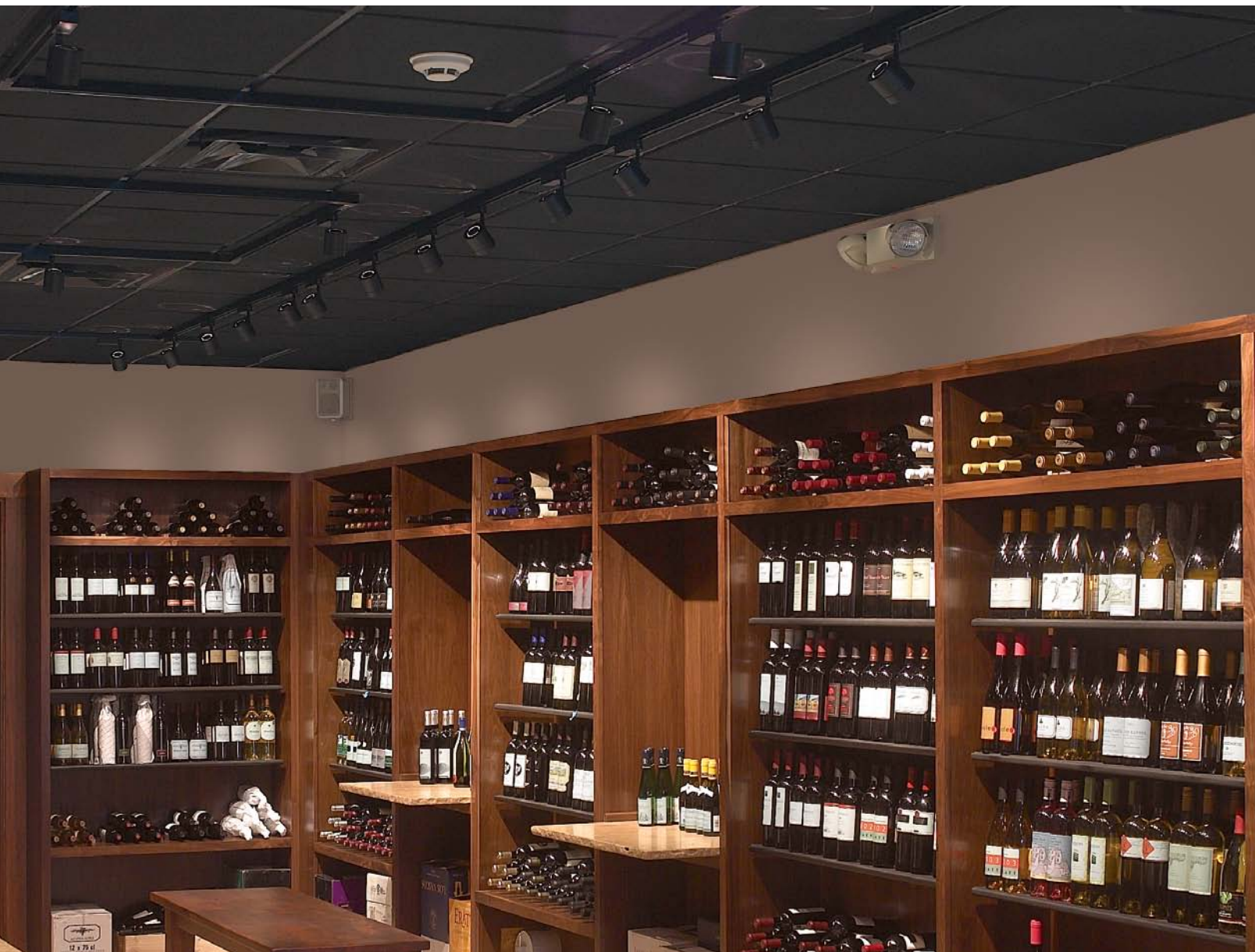
By taking advantage of state-of-the-art light sources Lytespan can deliver powerful lighting that is extremely energy-efficient. Energy Smart, Alcyon LED, fluorescent and metal halide track fixtures such as PowerWash and Mini HID can save up to 70% of the energy consumed by ordinary incandescent fixtures while utilizing product designs that are elegant and timeless. Lytespan delivers lighting that excites while it communicates. Only from Philips Lightolier, the pioneer of track lighting.

Contents

Professional track heads

Contents

Alcyon LED small cylinder

Lytespan LED

Designed around the finest white LEDs and thermally engineered for superior optical performance, the Alcyon LED Small Cylinder delivers light equal to most MR16 lamp sources. Available in a range of beam spreads for lighting flexibility and is dimmable.
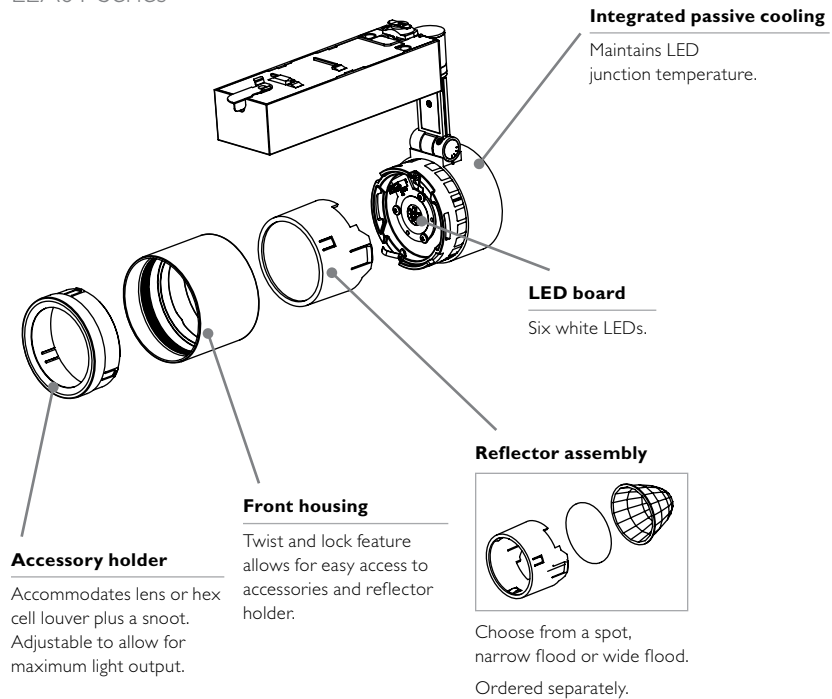
Features
- 15W, 640* Nominal lumens
- Integrated housing heat sink: Die-cast aluminum maintains LED junction temperature for minimum 50,000 hr lifetime at 70% lumen maintenance.
- Optical assembly: Interchangeable reflectors may be changed at any time to accommodate the lighting requirements of the space.
- Integral locking: Vertical and horizontal locking preserves original lighting design intent.
- Aiming indicator: Allows a series of luminaires to be precisely set to the same aiming angle.

* +/- 5% for 3000K

LLA01 Series

Integrated passive cooling

Maintains LED junction temperature.

LED board

Six white LEDs.

Reflector assembly

Choose from a spot, narrow flood or wide flood.

Ordered separately.

Front housing

Twist and lock feature allows for easy access to accessories and reflector holder.

Accessory holder

Accommodates lens or hex cell louver plus a snoot. Adjustable to allow for maximum light output.

Ordering information

Small cylinder

Cat. no.	Description	CCT
LLA0130	Dimmable	3000K
LLA0127	Dimmable	2700K

Add suffix for choice of finish; (**AL**) Aluminum, (**BK**) Matte black, and (**WH**) Matte white.
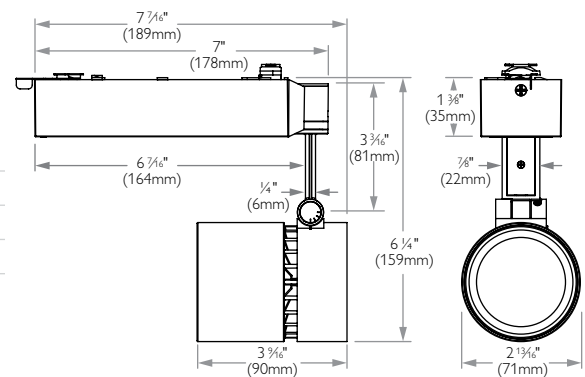
Reflector options*

Cat. no.		Description
	RS	Spot reflector
LLA01	**RNF**	Narrow flood reflector
	RF	Flood reflector

* Ordered separately. Field changeable.

Add **SOL** to catalog number for reflector + Solite® option

Accessories

Cat. no.	Description
LLA01SNBK	Snoot (matte black)
LLA01SNWH	Snoot (matte white)
AL25HC	Hex louver
AF25	Diffusion filters
ADF25	Color filters

Must use **LLA01HBK/WH** accessory holder, when using a combination of two lenses or a lens plus a louver.
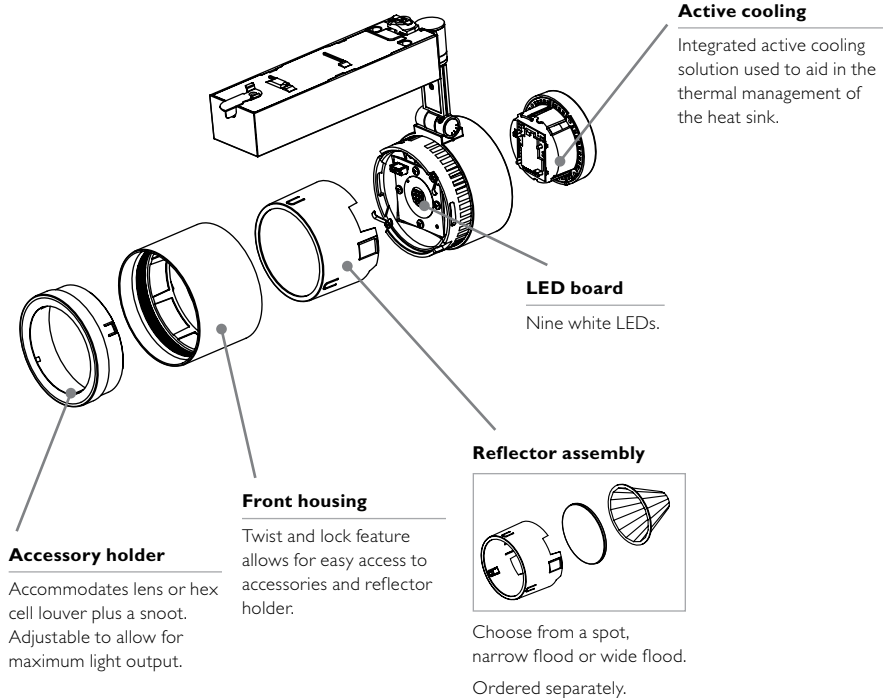
Alcyon LED medium cylinder

Lytespan LED

Architecturally styled the Alcyon LED Medium Cylinder offers excellent beam control and aesthetics while providing high performance accent lighting for retail and commercial applications. Delivering lumens equivalent to many 20W T4 metal halide systems.

LLA11 Series

Active cooling

Integrated active cooling solution used to aid in the thermal management of the heat sink.

LED board

Nine white LEDs.

Reflector assembly

Choose from a spot, narrow flood or wide flood.

Ordered separately.

Front housing

Twist and lock feature allows for easy access to accessories and reflector holder.

Accessory holder

Accommodates lens or hex cell louver plus a snoot. Adjustable to allow for maximum light output.

Features

- 23W, 1000* Nominal lumens
- Integrated housing heat sink: Die-cast aluminum maintains LED junction temperature for minimum 50,000 hr lifetime at 70% lumen maintenance.
- Optical assembly: Interchangeable reflectors may be changed at any time to accommodate the lighting requirements of the space.
- Integral locking: Vertical and horizontal locking preserves original lighting design intent.
- Aiming indicator: Allows a series of luminaires to be precisely set to the same aiming angle.
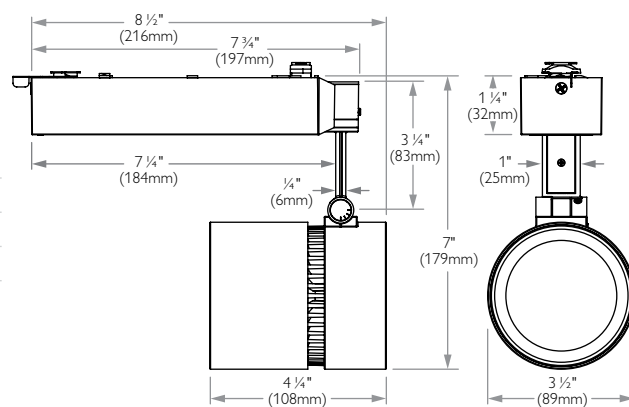
* +/- 10% for 3000K

Ordering information

Medium cylinder

Cat. no.	Description	CCT
LLA1130	Dimmable	3000K
LLA1127	Dimmable	2700K

Add suffix for choice of finish; (**AL**) Aluminum, (**BK**) Matte Black, and (**WH**) Matte White.

Reflector options*

Cat. no.		Description
	RS	Spot reflector
LLA11	**RNF**	Narrow flood reflector
	RF	Flood reflector

* Ordered separately. Field changeable.

Add **SOL** to catalog number for reflector + Solite® option

Accessories

Cat. no.	Description
LLA11SNBK	Snoot (matte black)
LLA11SNWH	Snoot (matte white)
LLAHCA11	Hex louver
LLA11AFSY	Symmetrical spread
LLA11AFSF	Solite® soft focus

Must use **LLA11HBK/WH** accessory holder, when using a combination of two lenses or a lens plus a louver.

Dimensions: 8 ½" (216mm), 7 ¾" (197mm), 7 ¼" (184mm), ¼" (6mm), 3 ¼" (83mm), 7" (179mm), 4 ¼" (108mm), 1 ¼" (32mm), 1" (25mm), 3 ½" (89mm)

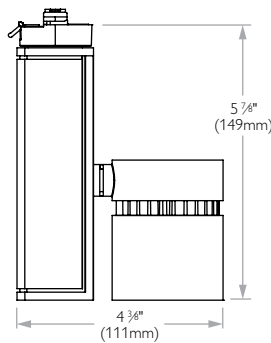# Mini LED micro cylinder

Lytespan LED

Designed around the finest white LED's and thermally engineered for superior optical performance, the Mini LED Micro Cylinder delivers light equal to MR16 lamp sources. Available in a range of beam spreads for lighting flexibility and is dimmable.

Features

- 10W, 400* Nominal lumens
- Integrated housing heat sink: Die-Cast aluminum maintains LED junction temperature for minimum 50,000 hr lifetime at 70% lumen maintenance.
- Optical assembly: Interchangeable reflectors may be changed at any time to accommodate the lighting requirements of the space.

* +/- 5% for 3000K

Symbol indicates compatibility with extension wands, sloped ceiling adapter and clamp-on monopoint.

5 ⅞"
(149mm)

4 ⅜"
(111mm)

LLAV Series

Micro cylinder

Cat. no.	Description	CCT
LLAV0030	Mini LED micro cylinder	3000K
LLAV0027	Mini LED micro cylinder	2700K

Add suffix for choice of finish;
(**AL**) Aluminum, (**BK**) Matte Black,
and (**WH**) Matte White.

Reflector options*

Cat. no.	Finish	
LLAV00	**RS**	Spot reflector
	RNF	Narrow flood reflector
	RF	Flood reflector
	RSSOL	Spot reflector w/Solite® lens
	RNFSOL	Narrow flood reflector w/Solite® lens
	RFSOL	Flood reflector w/Solite® lens

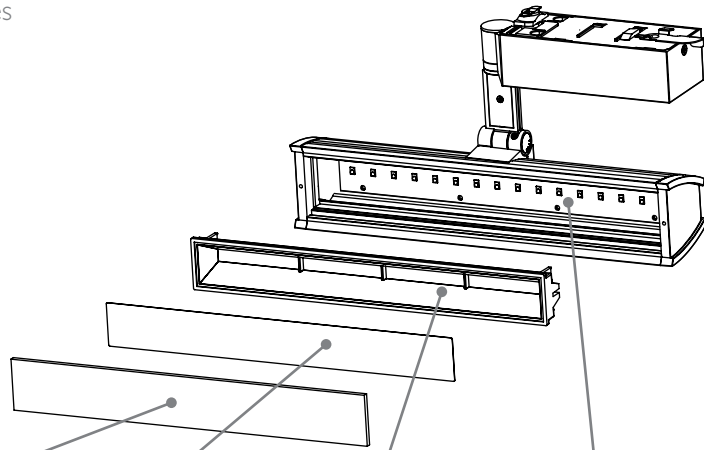* Ordered separately. Field changeable.

Accessories

Cat. no.	Description
LLAV00AHBK	Vertical LED micro cylinder, accessory holder (black)
LLAV00AHWH	Vertical LED micro cylinder, accessory holder (white)
AL2HC	Hex cell louver
AF2	Diffusion/special filters
ADF2	Color filters

Alcyon LED flood

Lytespan LED

LLF Series

Cover lens

Colorless borosilicate glass protects optical chamber and LED surfaces from dust and other contaminants.

Phosphor lens

Remote phosphor technology provides increased efficiency and color stability.

Optical chamber

Harnesses LED light and redirects through phosphor with minimal losses.

LED board

16 royal blue LEDs. Remote phosphor application minimizes performance variation.

Features

- 20W, 1000* Nominal lumens
- LED Board: Metal Core Printed Circuit board for efficient thermal management with 16 royal blue LEDs.
- Optical assembly: Remote phosphor technology provides increased efficiency and color stability. Phosphor lens assembly positioned in front of LED array converts blue light to white and produces a wide even pattern of diffused light without bright spots created by individual LEDs. Uniform phosphor coating provides consistent, stable color with a shift of no more than +/- 100K over life. High reflectance material in optical chamber harnesses led light and redirects through phosphor with minimal losses.
- Integral locking: Vertical and horizontal locking preserves original lighting design intent.
- Aiming indicator: Allows a series of luminaires to be precisely set to the same aiming angle.

* +/- 5%

Ordering information
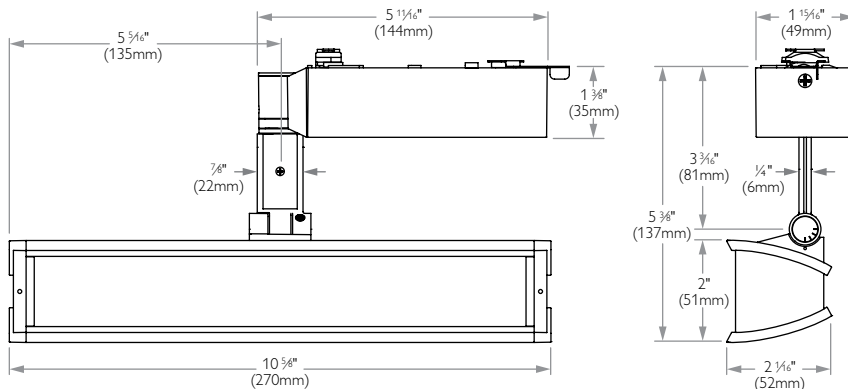
Flood

Cat. no.	Description*	CCT
LLF27	Dimmable	2700K
LLF30	Dimmable	3000K
LLF35	Dimmable	3500K
LLF40	Dimmable	4000K

Add suffix for choice of finish; (**AL**) Aluminum, (**BK**) Matte Black, and (**WH**) Matte White.

* Dimming: Use electronic ELV (electronic low voltage) type dimmer. Consult factory for dimming compatibility.

Accessories

Cat. no.	Finish		Description
	WH	White	Track LED flood - visor
LLFVZ	**BK**	Black	Track LED flood - visor
	AL	Aluminum	Track LED flood - visor
LLFLV	**BK**	Black	Track LED flood - vertical blade louver
	WH	White	Track LED flood - Barn door
LLFBD	**BK**	Black	Track LED flood - barn door
	AL	Aluminum	Track LED flood - barn door

LLFLVBK   Track LED flood visor

LLFVZBK   Track LED flood visor

LLFBDBK   Track LED flood visor

Alcyon

Lytespan low voltage

Alcyon features the smallest available transformer assembly with a fully potted, rugged polycarbonate construction. The silent electronic transformer includes short-circuit and over-heat protection. Alcyon's architectural styling is clean and elegant featuring a wireless blade/stem that seems to suspend the fixture in mid-air. The unique MR16 Wall washer features an integral asymmetrical spread lens and kick reflector to create a smooth elliptical wash. Utilizing the T4 bi-pin lamp, the micro flood includes an integral Solite® patterned lens to create a soft, smooth flood of light

Features
- Infinite horizontal rotation for maximum aiming flexibility without "dead spots".
- Lamp-forward design improves access and simplifies relamping.
- Die cast aluminum construction throughout with a durable baked enamel finish.
- Captive accessory cartridge accepts two accessories and provides excellent glare control.

For Accessories see 2.164.

MR16 Open ring

Open ring

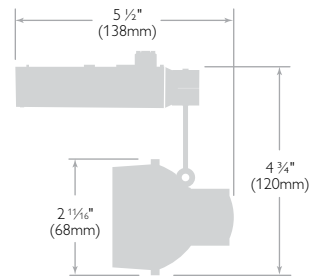| Cat. no.	Description
22OR6WH	Matte white
22OR6BK	Matte black
22OR6AL	Aluminum

Lamping: MR16 50W max.*

Accessories: One color or diffusion series filter, plus either one hex cell louver or snoot.

Diffusion/special filters: AF2 series.

Color filters: ADF2 series.

Louver: 22HC6BK (Hex Cell).

Snoot: 22SR6 series.

5 ¾" (145mm)
4 ⅞" (124mm)
2 ¹¹⁄₁₆" (68mm)
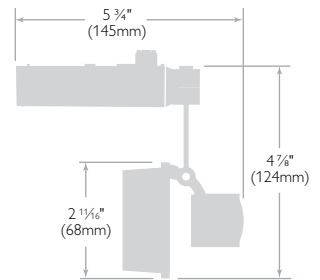
MR16 Step spot

Step spot

Cat. no.	Description
22SS6WH	Matte white
22SS6BK	Matte black
22SS6AL	Aluminum

Lamping: MR16 50W max.*

Accessories: One color or diffusion series filter, plus either one hex cell louver or snoot.

Diffusion/special filters: AF2 series.

Color filters: ADF2 series.

Louver: 22HC6BK (Hex Cell).

Snoot: 22SR6 series.

5 ½" (138mm)
4 ¾" (120mm)
2 ¹¹⁄₁₆" (68mm)

MR16 Cylinder

Cylinder

Cat. no.	Description
22MC6WH	Matte white
22MC6BK	Matte black
22MC6AL	Aluminum

Lamping: MR16 50W max.*

Accessories: One color or diffusion series filter, plus either one hex cell louver or snoot.

Diffusion/special filters: AF2 series.

Color filters: ADF2 series.

Louver: 22HC6BK (Hex Cell).

Snoot: 22SR6 series.

5 ½" (137mm)
5 ⁵⁄₁₆" (135mm)
2 ¹¹⁄₁₆" (68mm)
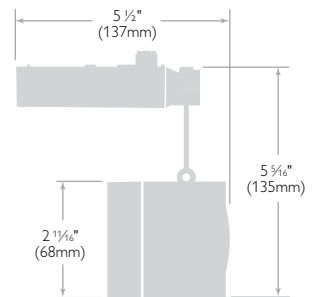
* Luminaire designed for non-lensed lamps

Alcyon

Lytespan low voltage

Alcyon Low Voltage luminaires harness the newest in MR16 and T4 bi-pin lamp technology for performance that is simply brilliant – Providing up to 50 watts of white halogen light for retail, residential and commercial applications. Economical and easily dimmable, low voltage sources deliver the drama, magic and impact of lighting in the smallest envelope available.
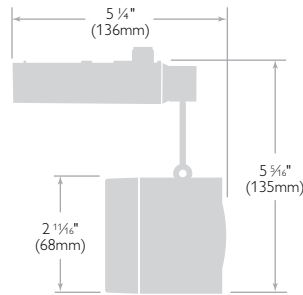
MR16 Glass cylinder

Glass cylinder

Cat. no.	Description
22GC6WH	Matte white
22GC6BK	Matte black
22GC6AL	Aluminum

Lamping: MR16 50W max.*

Accessories: No accessory capability.

5 ¼" (136mm) · 5 ⁵⁄₁₆" (135mm) · 2 ¹¹⁄₁₆" (68mm)

MR16 Glass ring

Glass ring

Cat. no.	Description
22GR6WH	Matte white
22GR6BK	Matte black
22GR6AL	Aluminum

Lamping: MR16 50W max.*

Accessories: No accessory capability.

5 ¾" (144mm) · 4 ⅞" (124mm) · 2 ¹¹⁄₁₆" (68mm)
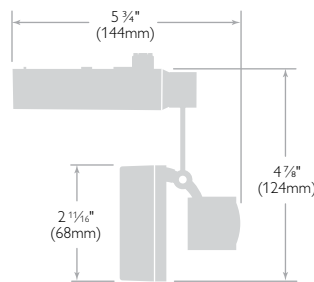
MR16 Wall washer

Wall washer

Cat. no.	Description
22MW6WH	Matte white
22MW6BK	Matte black
22MW6AL	Aluminum

Lamping: MR16 50W max.*

Accessories: No accessory capability.
Asymmetrical spread lens included. (36° flood recommended)

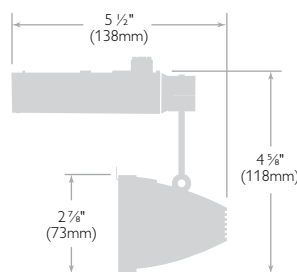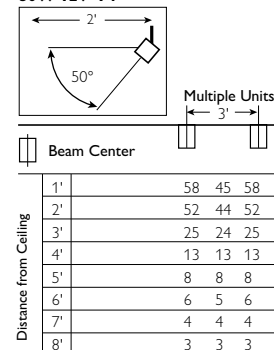5 ½" (140mm) · 4 ¾" (120mm) · 2 ¹¹⁄₁₆" (68mm)

50W T4 MR16 36° Flood

2' · 50° · Multiple Units 3' · Beam Center

Distance from Ceiling			
1'	7	7	7
2'	28	31	28
3'	48	45	48
4'	30	28	30
5'	14	13	14
6'	7	7	7
7'	4	4	4
8'	2	2	2
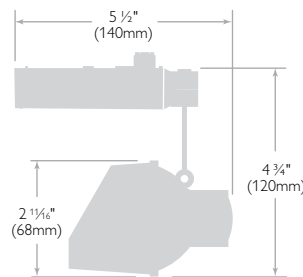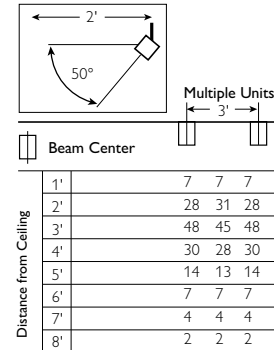
T4 Micro flood

Micro flood

Cat. no.	Description
22MW4WH	Matte white
22MW4BK	Matte black
22MW4AL	Aluminum

Lamping: T4 2-pin 50W max. GY6.35 Base (Transverse or C-6 filament recommended)

Accessories: No accessory capability. Solite® beam softening lens included..

5 ½" (138mm) · 4 ⅝" (118mm) · 2 ⅞" (73mm)

50W 12V T4

2' · 50° · Multiple Units 3' · Beam Center

Distance from Ceiling			
1'	58	45	58
2'	52	44	52
3'	25	24	25
4'	13	13	13
5'	8	8	8
6'	6	5	6
7'	4	4	4
8'	3	3	3

* Luminaire designed for non-lensed lamps

Alcyon

Lytespan line voltage

Alcyon Line Voltage luminaires utilize today's reliable and economical halogen lamps for ambient, task, accent and wall washing applications. Available in PAR20/30/38 and T4 tungsten halogen sources from 50 to 250 watts, Alcyon delivers bright halogen light that's easily dimmable and offers the warmth and color rendering that only incandescent sources can provide.

Features
• Wireless stem with 365° horizontal rotation
• Compact line voltage track adapter
• Lamp forward design for easy relamping
• Integral accessory cartridge
• Accepts up to two accessories

PAR20 Step spot

Step spot

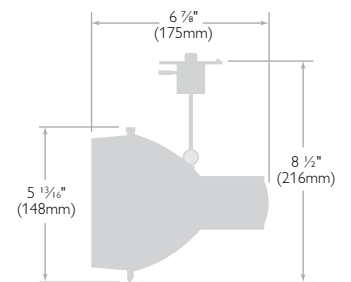| Cat. no.	Description
22SS2WH	Matte white
22SS2BK	Matte black
22SS2AL	Aluminum

Lamping: PAR20 50W max.

Accessories: One color or diffusion series filter, plus either one hex cell louver or two lenses.

Diffusion/special filters: AF25 series.

Color filters: ADF25 series.

Louver: AL25HC (Hex Cell).

4 ⅞" (124mm)
6 ⅞" (174mm)
3 ¹¹⁄₁₆" (94mm)
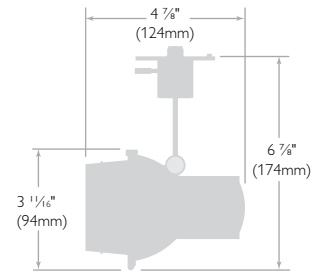
PAR30 Step spot

Step spot

Cat. no.	Description
22SS3WH	Matte white
22SS3BK	Matte black
22SS3AL	Aluminum

Lamping: PAR30 75W max.

Accessories: One color or diffusion series filter, plus either one hex cell louver or two lenses.

Diffusion/special filters: AF3 series.

Color filters: ADF3 series.

Louver: AL3HC (Hex Cell).

5 ¼" (133mm)
7 ⁹⁄₁₆" (192mm)
4 ¹⁵⁄₁₆" (125mm)
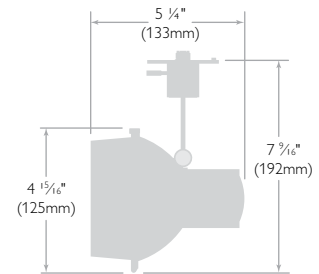
PAR38 Step spot

Step spot

Cat. no.	Description
22SS8WH	Matte white
22SS8BK	Matte black
22SS8AL	Aluminum

Lamping: PAR38 150W max.

Accessories: One color or diffusion series filter, plus either one hex cell louver or two lenses.

Diffusion/special filters: AF4 series.

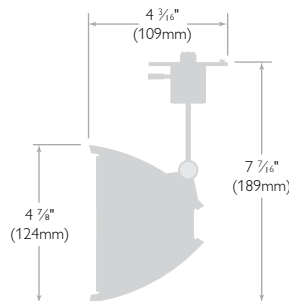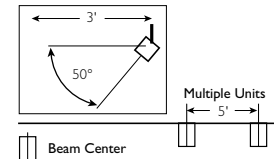**Color filters:** ADF4 series.

Louver: AL4HC (Hex Cell).

6 ⅞" (175mm)
8 ½" (216mm)
5 ¹³⁄₁₆" (148mm)

Alcyon

Lytespan line voltage

PAR20 Open ring

Open ring

Cat. no.	Description
22OR2WH	Matte white
22OR2BK	Matte black
22OR2AL	Aluminum

Lamping: PAR20 50W max.

Accessories: One color or diffusion series filter, plus either one hex cell louver or two lenses.

Diffusion/special filters: AF25 series.

4 15/16" (125mm)
6 11/16" (170mm)
3 5/8" (92mm)

Color filters: ADF25 series.
Louver: AL25HC (Hex Cell).

PAR30 Open ring

Open ring

Cat. no.	Description
22OR3WH	Matte white
22OR3BK	Matte black
22OR3AL	Aluminum

Lamping: PAR30 75W max..

Accessories: One color or diffusion series filter, plus either one hex cell louver or two lenses.

Diffusion/special filters: AF3 series.

5 1/4" (133mm)
7 7/16" (189mm)
4 13/16" (122mm)

Color filters: ADF3 series.
Louver: AL3HC (Hex Cell).

PAR38 Open ring

Open ring

Cat. no.	Description
22OR8WH	Matte white
22OR8BK	Matte black
22OR8AL	Aluminum

Lamping: PAR38 250W max (150W max. With accessories).

Accessories: One color or diffusion series filter, plus either one hex cell louver or two lenses.

Diffusion/special filters: AF4 series.

6 7/8" (175mm)
8 1/4" (210mm)
5 13/16" (148mm)
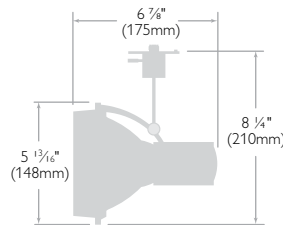
Color filters: ADF4 series.
Louver: AL4HC (Hex Cell).

T4 Wall washer

Wall washer

Cat. no.	Description
22WW4WH	Matte white
22WW4BK	Matte black
22WW4AL	Aluminum

Lamping: T4 Mini Can. 150W max.
Accessories: One visor.
Visor: 22VZ4 series.

4 3/16" (109mm)
7 7/16" (189mm)
4 7/8" (124mm)

Wall washer Visor

For use with Alcyon 22WW4 series. Wall Washer; provides additional light shielding.

Visor

Cat. no.	Description
22VZ4WH	Matte white
22VZ4BK	Matte black
22VZ4AL	Aluminum

5 1/8"L, 4 7/16"W, 2 1/2" max. Depth.
130mm L, 113mm W, 63mm max. Depth.

150W T4

3'
50°
Multiple Units 5'
Beam Center

Distance from Ceiling			
1'	56	35	56
2'	46	38	46
3'	30	28	30
4'	20	19	20
5'	15	14	15
6'	11	10	11
7'	8	8	8
8'	6	6	6
9'	5	5	5

Symbol indicates compatibility with extension wands, sloped ceiling adapter and clamp-on monopoint.

ProSpec cylinders

ProSpec line voltage

ProSpec line voltage cylinders feature a classic design that is easily integrated into various architectural environments. Each unit includes the ProSpec media cartridge which can hold up to 3 accessories and allows quick and convenient changing of filters, louvers and screens.
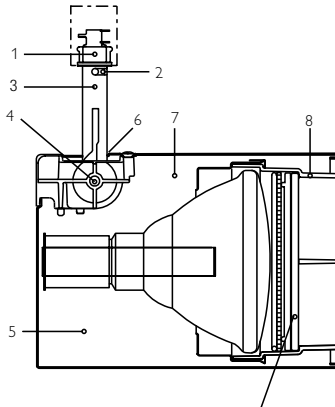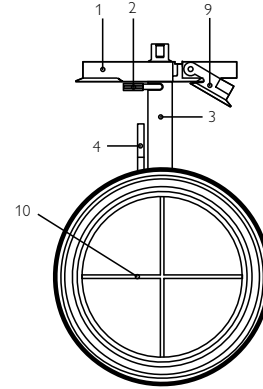
Features

1. Flush adapter inserts easily into track and provides separate mechanical and electrical connection.

2. Lever energizes fixture electrically by 90° rotation. Fixture cannot be mechanically engaged or disengaged when powered.

3. Stem: constructed of stainless steel; 5/8" OD; .049" wall thickness.

4. Tru-lock aiming mechanism allows simultaneous horizontal and vertical locking. Full tension is maintained even when braking lever is released to hold aiming position.

5. Finish: all painted finishes are powder coated baked enamel.

6. Aiming indicator allows precise fixture aiming.

7. Housing: 20 gauge (.036") drawn steel construction. Hemmed front edge provides superior durability, additional stiffness; prevents chipping and enhances appearance.

8. Media cartridge allows convenient loading and removal of up to 3 accessories without disturbing aiming adjustment. Easily installed and removed with a simple twisting motion. Constructed of formed aluminum.

9. Clamping wedges: cam-operated wedges expand or release gripper springs from track ledge; gripper springs hold adapter securely within track.

10. Cross blade louver extruded aluminum, 1" deep, provides additional shielding and can be easily removed.

For Accessories see page 2.164.

Accessories ordered separately

4 3/4" Cylinder

3 ¼"
4 ⅞"
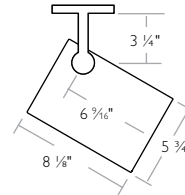4 ¾"
6 ⅜"
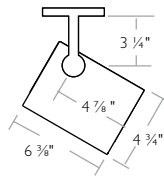
26030WH   Matte white
26030BK   Matte black
PAR30 75W max.

Accessories: AF3 lenses; ADF3 color filters; AL3 louvers; AS3 screens
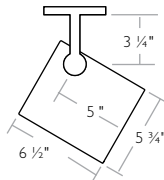
5 3/4" Cylinder

3 ¼"
6 ⁹⁄₁₆"
5 ¾"
8 ⅛"

26038WH   Matte white
26038BK   Matte black
PAR38 250W max.

Accessories: AF4 lenses; ADF4 color filters; AL4 louvers; AS4 screens (150W max. w/accessories)

5 3/4" Cylinder

3 ¼"
5 "
5 ¾"
6 ½"

26383WH   Matte white
26383BK   Matte black
PAR38/3 150W max.

Accessories: AF4 lenses; ADF4 color filters; AL4 louvers; AS4 screens

Cylinders

ProSpec low voltage

Featuring a wide selection of halogen light sources, ProSpec's low voltage cylinders provide powerful, yet easily controlled light that's ideal for display environments. The PAR36 cylinder features a dual tap 5.5/12V transformer with a convenient slide switch. The PAR36 cylinder and PAR56 Stepped cylinder also feature a lamp that can be rotated from 0° to 180° and locked in place.
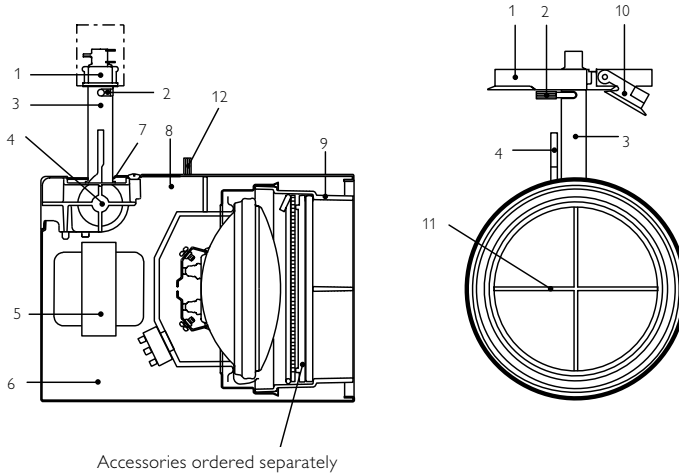
Accessories ordered separately

Features

1. Flush adapter inserts easily into track and provides separate mechanical and electrical connection.

2. Lever energizes fixture electrically by 90° rotation. Fixture cannot be mechanically engaged or disengaged when powered.

3. Stem: constructed of stainless steel; 5/8" OD; .049" wall thickness.

4. Tru-lock aiming mechanism allows simultaneous horizontal and vertical locking. Full tension is maintained even when braking lever is released to hold aiming position.

5. Magnetic transformer offers reliable operation and is completely housed inside fixture.

6. Finish: all painted finishes are powder coated baked enamel.

7. Aiming indicator allows precise fixture aiming.

8. Housing: 20 gauge (.036") drawn steel construction. Hemmed front edge provides superior durability, additional stiffness; prevents chipping and enhances appearance.

9. Media cartridge allows convenient loading and removal of up to 3 accessories without disturbing aiming adjustment. Easily installed and removed with a simple twisting motion. Constructed of formed aluminum.

10. Clamping wedges: cam-operated wedges expand or release gripper springs from track ledge; gripper springs hold adapter securely within track.

11. Cross blade louver of extruded aluminum, 1" deep, provides additional shielding and can be easily removed.

12. Lamp rotation lock: lamp can rotate from 0° to 180° and then be locked in the desired position (PAR36 only).
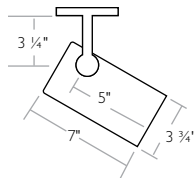
3 3/4" Cylinder

3 ¼"
5"
7"
3 ¾"
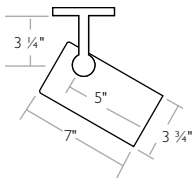
26016MBWH Matte white
26016MBBK Matte black
Magnetic
MR16 Bi-Pin 12v 50W max.

Accessories: AF25 lenses; ADF25 color filters; AL25 louvers; AS25 screens
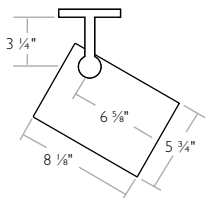
3 3/4" Cylinder

3 ¼"
5"
7"
3 ¾"

26070MWH Matte white
26070MBK Matte black
Magnetic
AR70 12v 50W max.

Accessories: AF25 lenses; ADF25 color filters; AL25 louvers; AS25 screens

5 3/4" Cylinder

3 ¼"
6 ⅝"
8 ⅛"
5 ¾"

26036MWH Matte white
26036MBK Matte black
Magnetic
PAR36 5.5v/12v 75W max.
AR111 12v 50W max.

Accessories: AF4 lenses; ADF4 color filters; AL4 louvers; AS4 screens
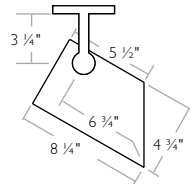
Wall washers

ProSpec line voltage

ProSpec wall washers feature an asymmetrical spread lens and an anodized aluminum kick reflector To distribute light evenly from ceiling to floor. The kick reflector assembly can hold one accessory and be removed from the front for relamping. ProSpec's Tru-lock aiming mechanism allows simultaneous locking of both horizontal and vertical positions. Ring wall washers feature highly adjustable yoke mounting.

Features

1. Flush adapter inserts easily into track and provides separate mechanical and electrical connection.

2. Lever energizes fixture electrically by 90° rotation. Fixture cannot be mechanically engaged or disengaged when powered.

3. Stem: constructed of stainless steel; 5/8" OD; .049" wall thickness.

4. Tru-lock aiming mechanism allows simultaneous horizontal and vertical locking. Full tension is maintained even when braking lever is released to hold aiming position.

5. Finish: all painted finishes are powder coated baked enamel.

6. Aiming indicator allows precise fixture aiming.

7. Housing: 20 gauge (.036") drawn steel construction.

8. Kick reflector assembly: Holds one accessory behind the spread lens. Assembly can easily be removed from the front using a simple twisting motion.

9. Kick reflector: Constructed of anodized aluminum. Embossed texture reflects light toward upper portion of wall and ceiling line.

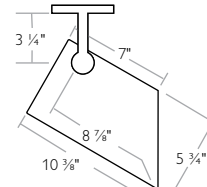For Accessories see page 2.164.

4 3/4" Wall washer

3 ¼" 5 ½" 6 ¾" 8 ¼" 4 ¾"

26030WWH Matte white
26030WBK Matte black
PAR30 75W max.

Accessories: AF3 lenses; ADF3 color filters; AS3 screens

5 3/4" Wall washer

3 ¼" 7" 8 ⅞" 10 ⅜" 5 ¾"
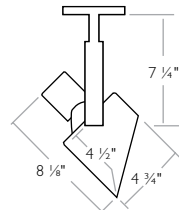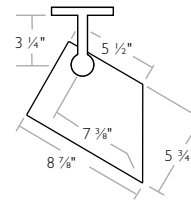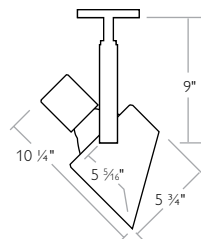
26038WWH Matte white
26038WBK Matte black
PAR38 120W max.

Accessories: AF4 lenses; ADF4 color filters; AS4 screens

4 3/4" Ring wall washer*

7 ¼" 4 ½" 8 ⅛" 4 ¾"

26230WWH Matte white
26230WBK Matte black
PAR30 75W max.

Accessories: AF3 lenses; ADF3 color filters; AS3 screens

5 3/4" Wall washer

3 ¼" 5 ½" 7 ⅜" 8 ⅞" 5 ¾"

26383WWH Matte white
26383WBK Matte black
PAR38/3 150W max.

Accessories: AF4 lenses; ADF4 color filters; AS4 screens

5 3/4" Ring wall washer*

9" 10 ¼" 5 ⁵⁄₁₆" 5 ¾"

26238WWH Matte white
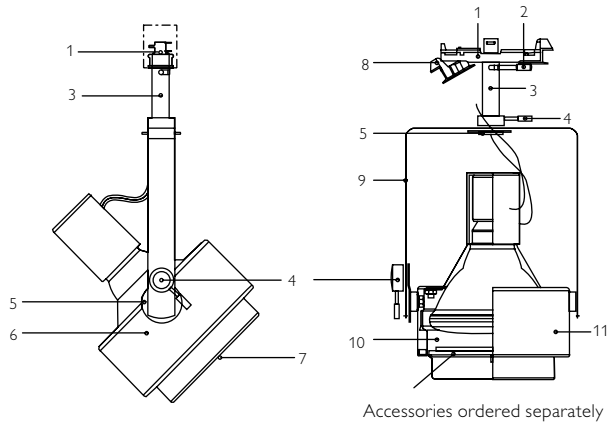**26238WBK** Matte black
PAR38 250W max.

Accessories: AF4 lenses; ADF4 color filters; AS4 screens (150W max. w/accessories)

*Yoke Mounted

Rings

ProSpec line voltage

These line voltage units feature a clean, minimal look that's ideal for museums, lobbies and other institutional environments. Extremely versatile, they can be adjusted horizontally and vertically and then locked in place. The convenient aiming Indicator allows a series of fixtures to be accurately aimed and adjusted. These line voltage rings also include ProSpec's Media cartridge so filters, louvers and screens can be added or removed without disturbing aiming adjustment. Ring and cylinder media cartridges of the same size are completely interchangeable. A cross blade louver provides additional shielding and can be easily removed if necessary.
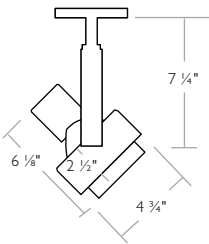
Accessories ordered separately

4 3/4" Ring*

7 ¼"
6 ⅛"
2 ½"
4 ¾"

26230WH Matte white
26230BK Matte black
PAR30 75W max.

Accessories: AF3 lenses; ADF3 color filters; AL3 louvers; AS3 screens

5 3/4" Ring*

9"
7 ¾"
2 ⅞"
5 ¾"

26238WH Matte white
26238BK Matte black
PAR38 250W max.

Accessories: AF4 lenses; ADF4 color filters; AL4 louvers; AS4 screens (150W max. with accessories)

Features

1. Flush adapter inserts easily into track and provides separate mechanical and electrical connection.

2. Lever energizes fixture electrically by 90° rotation. Fixture cannot be mechanically engaged or disengaged when powered.

3. Stem: constructed of stainless steel; 5/8" OD; .049" wall thickness.

4. Locking lever: side lever precisely locks vertical adjustment. Top lever precisely locks horizontal adjustment.

5. Aiming indicator allows precise fixture aiming.

6. Housing: 20 gauge (.036") drawn steel construction. Hemmed front edge provides superior durability, additional stiffness; prevents chipping and enhances appearance.

7. Cross blade louver of extruded aluminum, 1" deep, provides additional shielding and can be easily removed.

8. Clamping wedges: cam-operated wedges expand or release gripper springs from track ledge; gripper springs hold adapter securely within track.

9. Yoke mounting allows adjustment up to 180° vertically and 350° horizontally.

10. Media cartridge allows convenient loading and removal of up to 3 accessories without disturbing aiming adjustment.

11. Finish: all painted finishes are powder coated baked enamel.

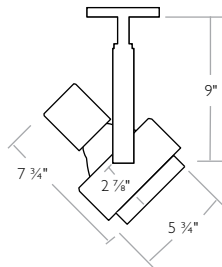For Accessories see pages 2.164 and following.

ProSpec 277V luminaires

ProSpec 277V Energy Smart

Philips Lightolier is now offering a variety of Energy Smart Lytespan track heads configured for 277V, which mount directly to ProSpec Track. These fixtures are ideal for use in large scale retail or commercial applications for accent lighting, wall washing and general illumination. PowerArc Modular is a high performance HID product available in a range of configurations for virtually any application. Mini HID uses many of the same CMH sources in a simpler, budget conscious product. Both lines offer the same punch and beauty of halogen incandescent sources with 50-70% energy savings with greatly expanded life. PowerWash and Lyteflood utilize T5HO and T5 twin tube lamps respectively to provide excellent wall washing and general lighting. Typical fluorescent sources use only 30% of the energy required for the same output of incandescent light, and last significantly longer.

Mini HID 277V

The Mini HID family combines the high performance of miniaturized ceramic metal halide lamps with compact HID electronic ballast technology in a sleek, unobtrusive design. It provides specifiers with new Energy Smart accent lighting solutions for retail and architectural applications. Mini HID from Philips Lightolier delivers more lighting for the dollar in the smallest available package.
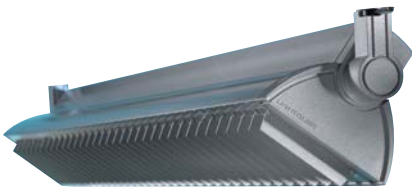
PowerWash 277V

PowerWash T5 represents the state of the art in Energy Smart linear fluorescent wall washing and floodlighting combined with the unsurpassed flexibility of ProSpec track. Linear T5 HO (high output) lamps powered by efficient, quick-start electronic ballasts deliver 10-20% greater efficacy than comparably sized T8 lamps or biax type lamps of equal wattage. PowerWash is available in 2', 3' or 4' lengths to match T5 24W, 39W and 54W lamps respectively.

Lyteflood 277V

Dramatic impact, high efficiency, and long life make Lyteflood ideal for a host of merchandising applications. Lyteflood fixtures are especially well suited for floodlighting and wall washing and can be installed on new ProSpec track. Lytefloods utilize compact fluorescent lamps for significant energy savings, long lamp life and excellent color rendition. Quick-start electronic ballasts are standard.

Specification track heads

Superior low voltage lighting and
unparalleled decorative glass to enhance
today's architectural interiors.

The Franklin Institute, Philadelphia, PA (Photographer: Kenny Lindstrom)

## Contents

Spot LED accent

Lytespan LED

A breakthrough in LED accent lighting. Philips Lightolier provides powerful accent lighting with only 15watts of power. Ideally suited for accent lighting in retail, commercial and hospitality spaces. Available in a range of beam spreads for lighting flexibility and is dimmable.

LLAB Series

Spot LED

Cat. no.	Description	CCT
LLAB030RS	Spot	3000K
LLAB030RNF	Narrow flood	3000K
LLAB030RF	Flood	3000K
LLAB027RS	Spot	2700K
LLAB027RNF	Narrow flood	2700K
LLAB027RF	Flood	2700K

Add suffix for choice of finish;
(**AL**) Aluminum, (**BK**) Matte Black,
and (**WH**) Matte White.
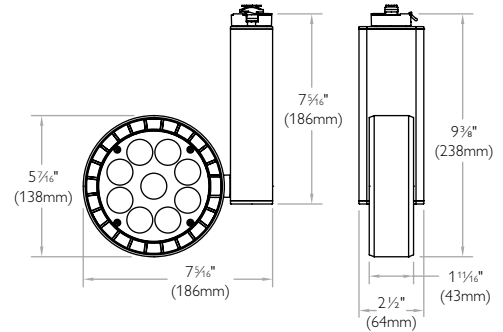
Accessories

Cat. no.	Description
8595	Accessory holder (black)
AL4HC	4 ¾" Dia. Hex cell louver
AF4	Diffusion/special filters
ADF4*	Color filters

*Will project colored light

Features

- Delivering 900 nominal lumens at 15W
- Efficacy: 58 lumens per watt
- Full flexibility in 3 beam spreads 10°; 21°; 35°
- Spot version delivers 23,500 candelas
- Available in 3000K and 2700K
- CRI 85, typical
- Dimmable: ELV low voltage
- Accommodates two accessories
- Compatible with Lytespan track.
  Contact factory for other adaptor options.
- 50,000 hour lifetime L70, 5 year warranty
- One Philips solution leveraging Philips global strength

* +⁄− 5% for 3000K

Acc Capability (2): Lenses, Louver and Snoot

Other track adaptors are also available, contact factory for details.
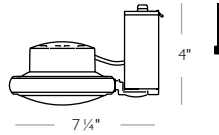
Sof-Tech

Lytespan low voltage

This series of low voltage units features die-cast elements combined with silicone rubber components and a vertical electronic transformer for a sleek, compact look. Available in both open back or fully enclosed versions.

PAR36 Enclosed spot

4"

7 ¼"

Electronic

Cat. no.	Description
6279WH	Matte white
6279BK	Matte black

Lamping: PAR36 50W max.
Accessory holder: 7660 (holds one accessory).
Diffusion/special filters: AF3 series.
Color filters: ADF3 series.
Louver: AL3 series.

AR111 Enclosed spot

4"

7 ¼"

Electronic

Cat. no.	Description
6289WH	Matte white
6289BK	Matte black
6289AL	Aluminum

Lamping: AR111 75W max.
Accessory holder: 7660 (holds one accessory).
Diffusion/special filters: AF3 series.
Color filters: ADF3 series.
Louver: AL3 series.

MR16 Enclosed spot

4 ³⁄₃₂"

4 ⅝"

Die cast aluminum housing fully encloses lamp back and socket.

Accessories
One color or diffusion series filter, plus one louver and snoot (optional). Color filters may not be used with a Snoot.

Electronic

Cat. no.	Description
6276BWH	Matte white
6276BBK	Matte black
6276BAL	Aluminum

Lamping: MR16 Bi-Pin 50W max.
Accessory holder: 7662.
Diffusion/special filters: AF2 series.
Color filters: ADF2 series.
Louver: AL2 series.
Snoot: 22SR6 series.

MR16 Open ring

4"

4 ⅝"

50W max.
with accessories

Electronic

Cat. no.	Description
6275BWH	Matte white
6275BBK	Matte black
6275BAL	Aluminum

Lamping: MR16 Bi-Pin 75W max.
Accessory holder: 7662 0 (holds one accessory).
Diffusion/special filters: AF2 series.
Color filters: ADF2 series.
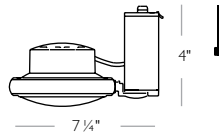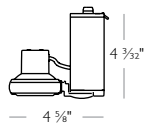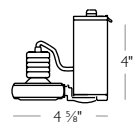**Louver:** AL2 series.

Features

• Socket boot of heat resistant silicone rubber decoratively covers the socket of the lamp – no visible hardware shown.

• Ultra-narrow vertical electronic transformer offers a compact, close-to-track look.

• Dimming: Efficient and reliable electronic transformer provides silent dimming with Philips Lightolier "QE" dimmers.

PowerArc

Lytespan

PowerArc utilizes ceramic arc tube metal halide lamps for superior color rendering and long lamp life with minimal color shift. Carefully designed around the light source, PowerArc can save up to 70% of the energy consumed by ordinary incandescent fixtures.

Features

The PowerArc design features an ideal balance of soft curves and hard edges that integrates well with virtually any interior. Two versions of PowerArc are available; a 30° flood and an asymmetrical wall washer. The wall washer features an integral kick reflector that provides wide, even illumination over vertical surfaces.

A number of key features allow PowerArc to provide unparalleled flexibility and performance. An aiming angle indicator conveniently measured in degrees allows a series of luminaires to be precisely set to the same aiming angle. The PowerArc's protective glass lens can be slid out from either direction and uses no hinges or clips. A hidden micro-safety switch automatically de-powers the fixture during relamping for safety.

PowerArc

3 ½" (89mm)
5" (127mm)
8" (203mm)
5 ½" (140mm)
6 ¼" (159mm)
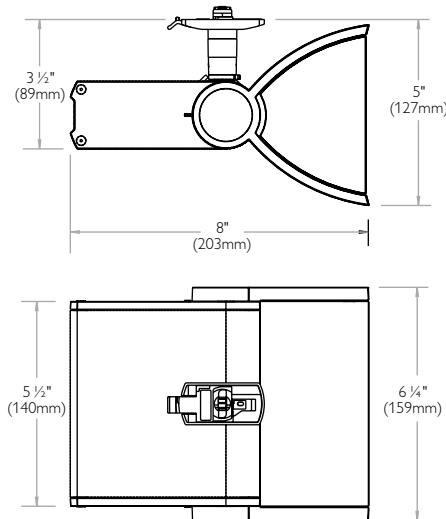
30° Vertical flood

Cat. no.	Description
8292F3EWH	Matte white
8292F3EBK	Matte black
8292F3EAL	Aluminum

Asymmetrical wall washer

Cat. no.	Description
8292WEWH	Matte white
8292WEBK	Matte black
8292WEAL	Aluminum

70W CDM or CMH T6
Double-ended metal halide

Cat. no.	Description
8293ACWH	Matte white
8293ACBK	Matte black

Accessory holder (holds 1 accessory)

Accessory filters/lens
Requires accessory holder

Cat. no.	Description
8293UV	UV filter
8293BE	Spread lens
8293ICF	Incandescent conversion filter

Louver
Vertical blade

Cat. no.	Description
8293LVWH	Matte white
8293LVBK	Matte black

Technical information

- Excellent color rendering (82 CRI).
- Metal halide lamps provide 6,600 initial lumens with an average life of 10,000 hours.
- Provides high footcandle levels while reducing HVAC costs.
- 0–90° vertical adjustment, 375° horizontal rotation.
- All units feature electronic ballast.
- Available in matching floodlight and wall washer versions.

Footcandles on wall (or ceiling)
70W T6 Double-ended metal halide

Track 4 feet from wall — Single unit

4' — Beam center — 50°

Distance From Ceiling

	0'	1'	2'	3'	4'	5'
1'	89	78	51	26	11	4
2'	82	72	52	32	17	8
3'	56	51	40	28	17	10
4'	31	29	25	21	15	10
5'	31	29	25	21	15	10
6'	23	22	20	16	13	9
7'	18	17	15	13	10	8
8'	14	13	12	10	9	7
9'	10	10	9	8	7	6

Footcandles are average and rounded off.

PowerArc

Lytespan

The PowerArc canopy mount provides crisp, powerful metal halide lighting that is ideal for both direct and indirect lighting applications. Its ability to be installed in damp locations makes it an excellent choice for atriums, covered outdoor balconies and similar locations. Whatever the environment, the PowerArc canopy mount provides a clean, unobtrusive look at the ceiling while offering excellent aiming flexibility.

PowerArc canopy mount

70W CDM or CMH T6
Double-ended metal halide

Cat. no.	Description
8292WEWHCY	Matte white (120 Volt) Asymmetrical wall washer
8292WEWHCY2	Matte white (277 Volt) Asymmetrical wall washer
8293VSWH	Matte white Visor shield

Accessory holder
Holds 1 accessory

Cat. no.	Description
8293ACWH	Matte white
8293ACBK	Matte black

Accessory filters/lens
Requires accessory holder

Cat. no.	Description
8293UV	UV filter
8293BE	Spread lens
8293ICF	Incandescent conversion filter

Louver
Vertical blade

Cat. no.	Description
8293LVWH	Matte white
8293LVBK	Matte black

Features

When mounted on the wall, it makes an ideal indirect lighting fixture. An easily attached visor provides excellent glare control.
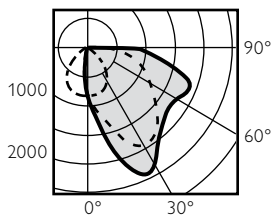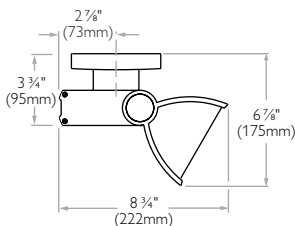
This versatile lighting instrument is available as an asymmetrical wall washer featuring an integral kick reflector that provides wide, even illumination. Offering unrivaled power, versatility and aiming flexibility, the PowerArc canopy mount provides the crisp look of halogen lighting but with energy savings comparable to fluorescent.
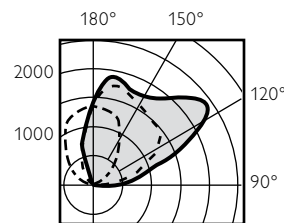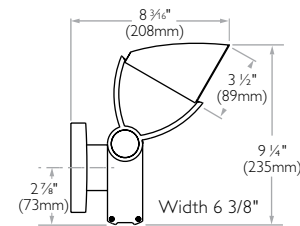
A mounting bracket with rotation adjustment and locking feature allows the fixture to be conveniently hung before wiring.

Ceiling mounted installation

Shown with Visor

2 ⅞" (73mm)
3 ¾" (95mm)
6 ⅞" (175mm)
8 ¾" (222mm)

Wall mounted installation

8 ³⁄₁₆" (208mm)
3 ½" (89mm)
9 ¼" (235mm)
2 ⅞" (73mm)
Width 6 3/8"

- 0° to 90° vertical adjustment allows good indirect lighting no matter what the ceiling height.
- Canopy features 355° horizontal rotation and can be locked every 45°; interior positive lock creates a permanent fixed position.

Multiple units

4'			5'			6'		
106	102	107	94	71	94	89	49	89
116	109	116	97	83	97	88	62	88
92	90	92	74	70	74	64	56	64
77	76	77	62	61	62	53	50	53
66	65	66	53	53	53	45	45	45
53	53	53	43	42	43	36	36	36
44	44	44	36	35	36	30	30	30
37	37	37	31	30	31	26	26	26
30	30	30	24	24	25	21	21	21

Data for multiple units are based on a minimum of five units.

Mini HID cylinders

Lytespan

Lytespan Mini HID is a powerful combination of high performance ceramic Metal halide lamps and sleek unobtrusive designs in the smallest available package. The Mini HID family includes five different lamp types including the newest 20W miniatures and a full range of PAR lamps. The 20W miniature lamps combined with the latest micro ballast technology create a powerful CMH luminaire that approaches the size of low voltage MR16.

Features

Offering up to 70% energy savings vs. incandescent spotlights with 3 to 4 times longer lamp life, Lytespan Mini HID is the choice for high-performance energy smart retail and architectural lighting.

Mini-HID 277V for ProSpec track

Cat. no.	Type	Description
37100	Step Spot	277V, 20W CMH MR16
37102	Cylinder & Spot	277V, 20W CMH T4 GU6.5
37103	Cylinder & Flood	277V, 20W CMH T4 GU6.5
37104	Step Spot	277V, 20W CMH PAR20
37106	Open Ring	277V, 39W CMH PAR30L
37107	Open Ring	277V, 70W CMH PAR30L
37108	Open Ring	277V, 70W CMH PAR38
37110	Step Spot	277V, 39W CMH PAR30L
37113	Step Spot	277V, 70W CMH PAR30L
37119	Cylinder & Spot	277V, 39W CMH T4 bi-pin
37120	Cylinder & Flood	277V, 39W CMH T4 bi-pin

Add suffix for choice of finish; (BK) Black and (WH) White.

Wide range of reflectors

Increased lighting design flexibility

- From very narrow (10°)
  to wide flood (40°) beam spreads.
- Reflectors are available in clear anodized or incandescent warm finish.
- To order reflector in incandescent warm finish add WRM to end of item # (i.e. MHT6RSWRM).

24MHT45RS
T4.5 Spot G8.5
clear anodized

24MHT45RNF
T4.5 G8.5
Narrow flood
clear anodized

24MHT45RF
T4.5 Flood G8.5
Clear anodized

24MHT4RS
GU6.5/PGJ5
Spot
clear anodized

24MHT4RNF
GU6.5/PGJ5
Narrow flood
clear anodized

24MHT4RF
GU6.5/PGJ5
Flood
clear anodized

MHT6RS
T6 Spot
clear anodized

MHT6RNF
T6 Narrow flood
clear anodized

MHT6RF
T6 Flood
clear anodized

20W T4 Cylinder

5 ¾" (146mm)
5 ⅜" (137mm)

Cylinder

Cat. no.	Description
8109WH	Matte white
8109BK	Matte black
8109AL	Aluminum

Lamping: 20W T4 CMH (M156) GU6.5 Base

Accessory holder: 8195 (holds one accessory).

Diffusion/special filters: AF25 series.

Color filters: ADF25 series.

Louver (hex cell): AL25HC.

Reflector sold separately, see below for options.

39W & 70W T4 Cylinder

7 ⅝" (194mm)
5 ¼" (133mm)

39W Cylinder

Cat. no.	Description
8114WH	Matte white
8114BK	Matte black
8114AL	Aluminum

8 ⅞" (225mm)
5 ¼" (133mm)

70W Cylinder

Cat. no.	Description
8115WH	Matte white
8115BK	Matte black
8115AL	Aluminum

Lamping: 39W T4.5 CMH (M130) G8.5 Bi-Pin

Accessory holder: 8195 (holds one accessory).

Diffusion/special filters: AF25 series.
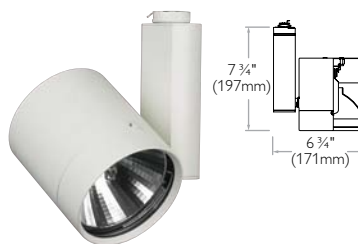
Color filters: ADF25 series.

Louver (hex cell): AL25HC.

Reflector sold separately, see below for options.

39W T6 Cylinder

7 ¾" (197mm)
6 ¾" (171mm)

Cylinder

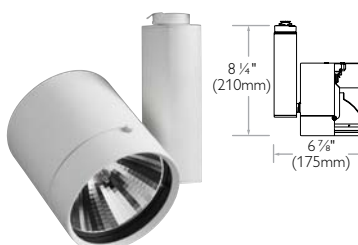| Cat. no.	Description
8121WH	Matte white
8121BK	Matte black
8121AL	Aluminum

Lamping: 39W T4.5 CMH (M130) G (G8.5) Bi-Pin

Accessory holder: Integral (holds one accessory).

Diffusion/special filters: AF3 series.

Color filters: ADF3 series.

Louver (hex cell): AL3HC.

70W T6 Cylinder

8 ¼" (210mm)
6 ⅞" (175mm)

Cylinder

Cat. no.	Description
8122WH	Matte white
8122BK	Matte black
8122AL	Aluminum

Lamping: 70W T-6 CMH (M98) G12 Base

Accessory holder: Integral (holds one accessory).

Diffusion/special filters: AF3 series.
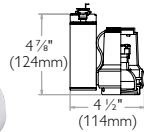
Color filters: ADF3 series.

Louver (hex cell): AL3HC.

Mini HID

Lytespan

20W MR16 Step spot

Step Spot

Cat. no.	Description
8100WH	Matte white
8100BK	Matte black
8100AL	Aluminum

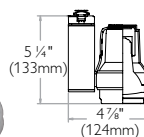**Lamping:** 20W MR16 CMH (M156) GX10 base

4 ⅞" (124mm)
4 ½" (114mm)

Accessory holder: Integral (holds one accessory).

Diffusion/special filters: AF2 series.
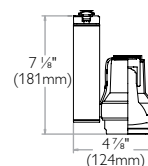
Color filters: ADF2 series.

Louver (hex cell): AL2HC.

39W & 70W PAR Rings

39W Ring

Cat. no.	Description
8106WH	Matte white
8106BK	Matte black
8106AL	Aluminum

Lamping: 39W PAR20 CMH (M130) E26 base

6 ½" (165mm)
6 ¼" (159mm)
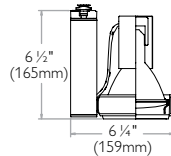
70W Ring

Cat. no.	Description
8107WH	Matte white
8107BK	Matte black
8107AL	Aluminum

Lamping: 70W PAR30 CMH (M98) E26 base

6 ½" (165mm)
6 ¼" (159mm)
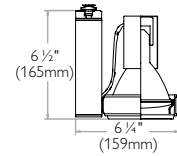
70W Ring

Cat. no.	Description
8108WH	Matte white
8108BK	Matte black
8108AL	Aluminum

Lamping: 70W PAR38 CMH (M98) E26 base
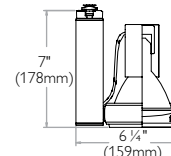
7" (178mm)
6 ¼" (159mm)

Accessory holder: Integral (holds one accessory).

Diffusion/special filters: AF25 series.
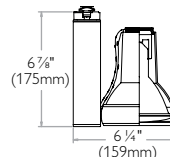
Color filters: ADF25 series.

Louver (hex cell): AL25HC.

20W & 39W PAR Step spots

20W Step spot

Cat. no.	Description
8104WH	Matte white
8104BK	Matte black
8104AL	Aluminum

Lamping: 20W PAR20 CMH (M156) E26 base

5 ¼" (133mm)
4 ⅞" (124mm)

39W Step spot

Cat. no.	Description
8105WH	Matte white
8105BK	Matte black
8105AL	Aluminum

Lamping: 39W PAR20 CMH (M130) E26 base

7 ⅛" (181mm)
4 ⅞" (124mm)

Accessory holder: Integral (holds one accessory).

Diffusion/special filters: AF25 series.

Color filters: ADF25 series.

Louver (hex cell): AL25HC.

39W & 70W PAR Step spots
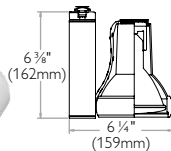
39W Step spot

Cat. no.	Description
8110WH	Matte white
8110BK	Matte black
8110AL	Aluminum

Lamping: 39W PAR30 CMH (M130) E26 base

6 ⅜" (162mm)
6 ¼" (159mm)

70W Step spot

Cat. no.	Description
8113WH	Matte white
8113BK	Matte black
8113AL	Aluminum

Lamping: 70W PAR30 CMH (M130) E26 base

6 ⅞" (175mm)
6 ¼" (159mm)

Accessory holder: 8473 (holds one accessory).

Diffusion/special filters: AF3 series.

Color filters: ADF3 series.

Louver (hex cell): AL3HC.

Symbol indicates compatibility with extension wands, sloped ceiling adapter and clamp-on monopoint.

Mini HID wall washers

Lytespan

is the newest addition to the Mini HID family. Delivering outstanding photometric performance in a sleek, unobtrusive design, providing specifiers with new energy-smart lighting solutions for retail and commercial applications, thereby increasing the industry leading versatility of Lytespan. Mini HID is the choice for high-performance energy smart retail and architectural lighting, providing superior efficiency without sacrificing the design.
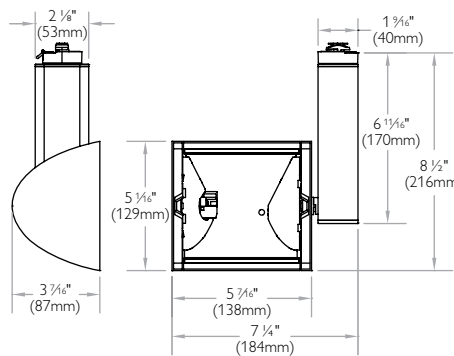
20W T4 Wall washer
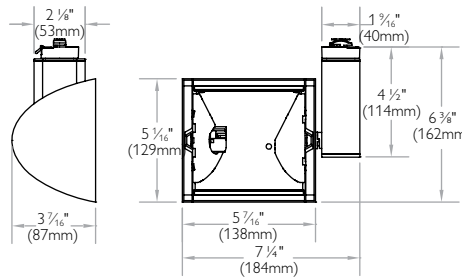
Wall washer

Cat. no.	Reflector
81F20T4	Standard
81F20T4WRM	Incandescent warm tone reflector
81F20T4SPC	Specular reflector, w/Solite® lens

Lamping: 20W CMH T4 GU6.5

Add suffix for choice of finish;
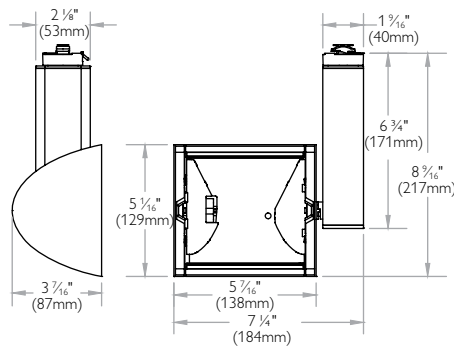(**AL**) Aluminum, (**BK**) Black, and (**WH**) White.

Dimensions: 2 ⅛" (53mm), 1 ⁹⁄₁₆" (40mm), 4 ½" (114mm), 6 ⅜" (162mm), 5 ¹⁄₁₆" (129mm), 3 ⁷⁄₁₆" (87mm), 5 ⁷⁄₁₆" (138mm), 7 ¼" (184mm)

39W T4 Wall washer

Wall washer

Cat. no.	Reflector
81F39T4	Standard
81F39T4WRM	Incandescent warm tone reflector
81F39T4SPC	Specular reflector, w/Solite® lens

Lamping: 39W CMH T4 GU6.5

Add suffix for choice of finish;
(**AL**) Aluminum, (**BK**) Black, and (**WH**) White.

Dimensions: 2 ⅛" (53mm), 1 ⁹⁄₁₆" (40mm), 6 ¹¹⁄₁₆" (170mm), 8 ½" (216mm), 5 ¹⁄₁₆" (129mm), 3 ⁷⁄₁₆" (87mm), 5 ⁷⁄₁₆" (138mm), 7 ¼" (184mm)

39W T4.5 Wall washer

Wall washer

Cat. no.	Reflector
81F39T45	Standard
81F39T45WRM	Incandescent warm tone reflector
81F39T45SPC	Specular reflector, w/Solite® lens

Lamping: 39W CMH T4.5 G8.5

Add suffix for choice of finish;
(**AL**) Aluminum, (**BK**) Black, and (**WH**) White.

Dimensions: 2 ⅛" (53mm), 1 ⁹⁄₁₆" (40mm), 6 ¾" (171mm), 8 ⁹⁄₁₆" (217mm), 5 ¹⁄₁₆" (129mm), 3 ⁷⁄₁₆" (87mm), 5 ⁷⁄₁₆" (138mm), 7 ¼" (184mm)
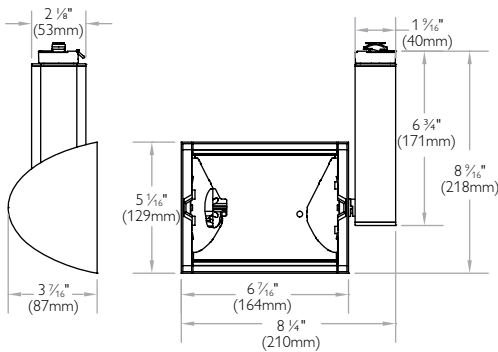
Mini HID wall washers

Lytespan

Where to use Mini HID: Retail and commercial spaces, specialty boutiques, museums, art galleries, places of worship, restaurants, hair salons/spas.
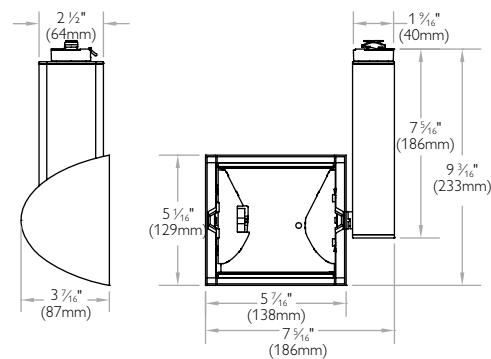
39W T6 Wall washer

2 ⅛" (53mm) 1 ⁹⁄₁₆" (40mm) 6 ¾" (171mm) 8 ⁹⁄₁₆" (218mm) 5 ⅛" (129mm) 3 ⁷⁄₁₆" (87mm) 6 ⁷⁄₁₆" (164mm) 8 ¼" (210mm)

Wall washer

Cat. no.	Reflector
81F39T6	Standard
81F39T6WRM	Incandescent warm tone reflector
81F39T6SPC	Specular reflector, w/Solite® lens

Lamping: 39W CMH T6 G12

Add suffix for choice of finish;
(**AL**) Aluminum, (**BK**) Black, and (**WH**) White.

70W T6 Wall washer

2 ½" (64mm) 1 ⁹⁄₁₆" (40mm) 7 ⁵⁄₁₆" (186mm) 9 ³⁄₁₆" (233mm) 5 ⅛" (129mm) 3 ⁷⁄₁₆" (87mm) 5 ⁷⁄₁₆" (138mm) 7 ⁵⁄₁₆" (186mm)

Wall washer

Cat. no.	Reflector
81F70T6	Standard
81F70T45WRM	Incandescent warm tone reflector
81F70T45SPC	Specular reflector, w/Solite® lens

Lamping: 70W CMH T6 G12

Add suffix for choice of finish;
(**AL**) Aluminum, (**BK**) Black, and (**WH**) White.

70W T4.5 Wall washer

2 ½" (64mm) 1 ⁹⁄₁₆" (40mm) 7 ⁵⁄₁₆" (186mm) 9 ³⁄₁₆" (233mm) 5 ⅛" (129mm) 3 ⁷⁄₁₆" (87mm) 5 ⁷⁄₁₆" (138mm) 7 ⁵⁄₁₆" (186mm)
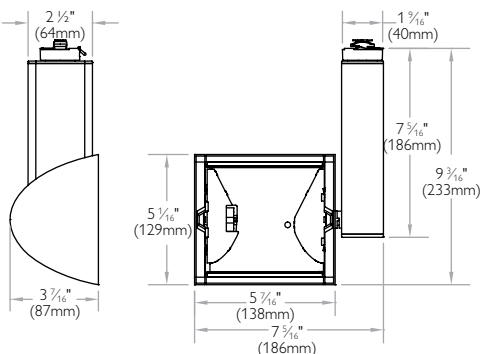
Wall washer

Cat. no.	Reflector
81F70T45	Standard
81F70T45WRM	Incandescent warm tone reflector
81F70T45SPC	Specular reflector, w/Solite® lens

Lamping: 70W CMH T4.5 G8.5

Add suffix for choice of finish;
(**AL**) Aluminum, (**BK**) Black, and (**WH**) White.

PowerWash T5

Lytespan linear fluorescent

PowerWash T5 track mount represents the state of the art in Energy Smart linear fluorescent wall washing and flood lighting combined with the unsurpassed flexibility of Lytespan track. Linear T5 HO (high output) lamps powered by efficient quick-start electronic ballasts deliver 10–20% greater efficacy than comparably sized T8 lamps or biax type lamps of equal wattage.

Features

Ultra slim 5/8'' diameter T5 lamps result in more precise optic control of the light, more consistent beam patterns and greater fixture spacing ratios. The narrow diameter also permits an elegant, streamlined design that's architecturally compatible with commercial and retail spaces alike and integrates well with Philips Lightolier's metal halide families.

Available in one-lamp or two-lamp configurations and in 2,' 3' or 4' lengths to match T5 24W, 39W and 54W lamps respectively. PowerWash T5 is finished in subtle matte white, classic matte black, and contemporary aluminum and is compatible with Lytespan Radius, Basic and Advent two-circuit track. Additional features include 180 degrees of rotation for flexible aiming, a built-in pull-out lamp holder that allows fast, easy relamping, and an integral louver for superior cut-off and glare control. A clear acrylic lens, which complies with FDA guidelines for use in all food preparation applications, is available in 2', 3', and 4' lengths.

PowerWash T5 track mount

1 Lamp T5 HO electronic

Cat. no.	Track mount		
9277	Matte white	2' - 24W
9377	Matte white	3' - 39W
9477	Matte white	4' - 54W

Add suffix for choice of finish;
(**AL**) Aluminum, (**BK**) Black, and (**WH**) White.

2 Lamp T5 HO electronic

Cat. no.	Track mount	
9276	Matte white	2' - 24W
9376	Matte white	3' - 39W
9476N	Matte white	4' - 54W

Add suffix for choice of finish;
(**AL**) Aluminum, (**BK**) Black, and (**WH**) White.

Lens (32 per case)

Cat. no.	Description
56957	2' Clear acrylic lens
56956	3' Clear acrylic lens
56955	4' Clear acrylic lens

50 ¼" (1276mm)
47 ½" (1207mm)
25 ⅜" (645mm)
23 ⅞" (606mm)
38 ⅜" (975mm)
35 ¹¹/₁₆" (906mm)
3 ¾" (95mm)
3 ¾" (95mm)
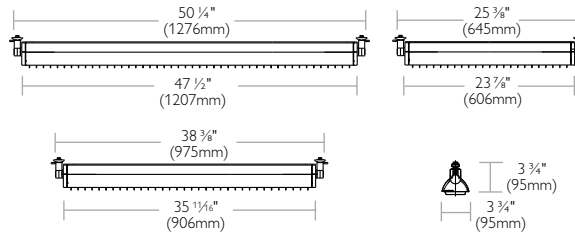
PowerWash 277V for ProSpec track

Cat. no.	Description
37224	PowerWash, 277V, 2 x 24W T5 HO
37239	PowerWash, 277V, 2 x 39W T5 HO
37254	PowerWash, 277V, 2 x 54W T5 HO

Add suffix for choice of finish; (BK) Black and (WH) White.

Note: Matte White finished fixtures supplied with Matte White louver.
Matte Black and Aluminum finished fixtures supplied with Aluminum finished louver.

Lyteflood

Lytespan compact fluorescent

Dramatic impact, high efficiency, and long life make Lyteflood ideal for a host of merchandising and retrofit applications. Lyteflood fixtures are especially well-suited for floodlighting and wall washing and can be installed on existing Lytespan track. Lytefloods utilize compact fluorescent lamps for significant energy savings, long lamp life (up to 20,000 hours) and excellent color rendition. All Lytefloods come standard with electronic ballasts.

Features
- Side mount adapters for easy adjustment and aiming.
- Special locking knob maintains precise adjustment.
- Separate mechanical and electrical connection for easy and secure installation.

Lyteflood L18

Lyteflood L18

Cat. no.	Description
8276EWH	Matte white
8276EBK	Matte black

3 ¹⁄₁₆" (78mm)　12 ¼" (311mm)　4 ¹³⁄₁₆" (122mm)　4 ³⁄₃₂" (126mm)

Lamping: 2 Lt. 18W (10 1/2") twin tube

Produces a soft wash using half the energy of incandescent light. A single adapter allows for vertical and horizontal adjustment.

Lyteflood L24

Lyteflood L24

Cat. no.	Description
8277EWH	Matte white
8277EBK	Matte black

3 ¹⁄₁₆" (78mm)　14 ¼" (362mm)　4 ¹³⁄₁₆" (122mm)　4 ³⁄₃₂" (126mm)

Lamping: 2 Lt. 24/27W

Provides a medium-intensity wash of light equivalent to 150W of incandescent light using 60% less energy. A single adapter allows both vertical and horizontal adjustment.

Lyteflood L40

5 ⅞" (149mm)　29 ½" (749mm)　5" (127mm)　6 ⅜" (162mm)
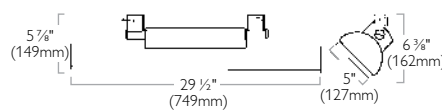
Electronic ballast

Cat. no.	Description
8279ENBK	Matte black, metallized louver 2 Lt. 40W (22 1/2") twin tube
8279ENWH	Matte white, metallized louver 2 Lt. 40W (22 1/2") twin tube
8279ENWWH	Matte white, white louver 2 Lt. 40W (22 1/2") twin tube

Lamping: 2 Lt. 24/27W

Lyteflood 277V for ProSpec track

Cat. no.	Description
37240WH	Lyteflood, 277V, 2 × 40W twin tube, white
37240BK	Lyteflood, 277V, 2 × 40W twin tube, black

See page 2.88 for 277V ProSpec Track.

Style Jack

Lytespan low voltage

These elegantly styled, miniature pendants are easily customized into a variety of designs. Style Jacks can be clustered together to create a "free form" chandelier or a row of pendants that produce a "screen of light." A complete Style Jack consists of a decorative Style Jack Shade, a Lytedrop (with a 20W or 35W halogen lamp) and a Power Jack. The shade, Lytedrop and Power Jack have separate catalog numbers and combine interchangeably. Please specify and order each separately.

How to select a Style Jack

Step 1: Choose a Style Jack shade (see page 2.30). Our variety of styles offer many choices to answer different design and architectural requirements.

Step 2: Choose a Lytedrop (see 2.31). Your choice of cable or stem. Each uses a halogen lamp (not included) and etched glass shield.

Step 3: Choose a Power Jack (see 2.34). Power Jacks are equipped with easily dimmable magnetic transformers that are thermally protected and accept any Focal Jack.

Large Cone

Large Cone

Cat. no.	Description
42252WH	Satin white
42252GR	Banker's green
42252CR	Cratere etched glass

Note: 42252 series is compatible with Stem Lytedrops only. They should not be used with One-piece wire or coaxial cable Lytedrops.

Mini Dome

Mini Dome

Cat. no.	Description
8640WH	Satin white
8640BL	Cobalt blue

Cucumber

Cucumber

Cat. no.	Description
42225WH	Satin white
42225BL	Satin blue

Mini Cone (triple cased glass)

Mini Cone

Cat. no.	Description
8641WH	Satin white

Lytedrop

Lytespan low voltage

Lytedrops support the decorative Style Jack shades and plug into Power Jacks. They enclose 20W or 35W T4 12V Bi-Pin (GY6.35) halogen lamps in an etched glass diffuser. All Lytedrops plug into the Power Jack with a locking device. The one-piece wire Lytedrops can be field-shortened and suspended from a sloped ceiling. One-piece wire Lytedrops have the look of a stem, but can be field cut without use of an accessory. The 30", 42" and 60" rigid stem Lytedrops have a concealed flex device to absorb impact if bumped. Rigid stem Lytedrops cannot be plugged together but can be field cut using a separate accessory

Globe

3 ³/₈"
4 ¹¹/₆₄"
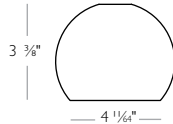
Globe

Cat. no.	Description
8685LC*	Light caramel

Tall Bell

7 ⅞"
4 ⅞"
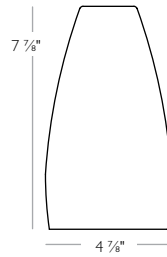
Tall Bell

Cat. no.	Description
8686LC*	Light caramel

Coaxial cable Lytedrop

6' Cable

1¾"

Cat. no.	Description
8632AL	Steel cable

Mirrored Globe

3 ⁵/₃₂"
3 ¹⁵/₁₆"
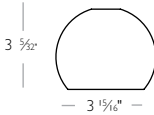
Mirrored Globe

Cat. no.	Description
8684MR*	Mirrored

Swirl

3 ⅝"
6 ¹¹/₁₆"

Swirl

Cat. no.	Description
8682WH*	White

One-piece wire Lytedrop

10' One-Piece Wire

1¾"

Cat. no.	Description
8629WH	Matte white
8629BK	Matte black

Transparent Cylinder

7 ³¹/₆₄"
3 ²⁵/₃₂"
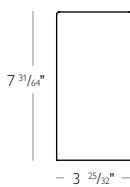
Transparent Cylinder

Cat. no.	Description
8683WH*	White

Lytedrop Lamping & Etched Glass

Lytedrop Lamping

Cat. no.	Description
56360	T4 12V 20W
56361	T4 12V 35W

Etched Glass
Replacement diffuser

Cat. no.	Description
58620WH	Matte white
58620BK	Matte black
58620AL	Aluminum

Note: Use 58621 to shorten stem Lytedrop. (includes metal top piece)

Stem Lytedrop

1¾"

30" Stem

Cat. no.	Description
8628WH	Matte white
8628BK	Matte black

42" Stem

Cat. no.	Description
8626WH	Matte white
8626BK	Matte black

60" Stem

Cat. no.	Description
8627WH	Matte white
8627BK	Matte black

*A characteristic of blown glass is variation in color and sometimes even in size and shape.

Focal Jacks

Lytespan low voltage

MR16 Geostar

4 ¼"
3 ¼"
2 ⅝"
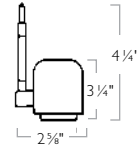
Geostar

Cat. no.	Description
8672WH	Matte white
8672BK	Matte black

Lamping: MR16 Bi-Pin 50W max.
Accessories: Accepts one accessory.
Framing projector: 6497.
Diffusion/special filters: AF2 series.
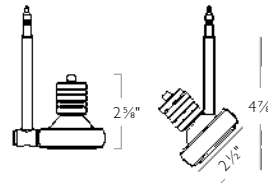**Color filters:** ADF2 series.

Sof-Tech MR16 ring

2 ⅝"
4 ⅞"
2 ½"

Sof-Tech ring

Cat. no.	Description
8675BWH	Matte white
8675BBK	Matte black

Lamping: MR16 Bi-Pin 50W max.
Accessories: Accepts one accessory.
Accessory holder: 7662.
Diffusion/special filters: AF2 series.
Color filters: ADF2 series.
Louver: AL2 series.

Sof-Tech MR16

**Accessories
One color or diffusion
series filter or louver plus
snoot (optional).** Color
filters may not be used with
a Snoot.

Die cast aluminum housing fully
encloses lamp back and socket.

Sof-Tech

Cat. no.	Description
8676BWH	Matte white
8676BBK	Matte black
8676BAL	Aluminum

Lamping: MR16 50W max 37W max IR.
Accessory holder: 7662.
Diffusion/special filters: AF2 series.
Color filters: ADF2 series.
Louver: AL2 series.
Snoot: 22SR6 series.

How to select a Focal Jack

Step 1: Choose a Focal Jack Spotlight (see page 2.32). LyteJacks feature spotlights called Focal Jacks that plug into Power Jacks. They are easily interchangeable with the flexibility of a (plug-in) Jack system. A complete fixture consists of a Power Jack, Extender Stem (optional) and a Focal Jack spotlight. Each must be Ordered separately.

Step 2 (optional): Choose an Extender Stem (see 2.31). Select the length of stem that best suits your needs. (Focal Jacks can also be used without an Extender Stem.)

Step 3: Choose a Power Jack (see 2.34). Power Jacks are equipped with easily dimmable magnetic transformers that are thermally protected and accept any Focal Jack.

For Accessories see 2.164.

Focal Jacks

Lytespan low voltage

Extender stems

³⁄₈"
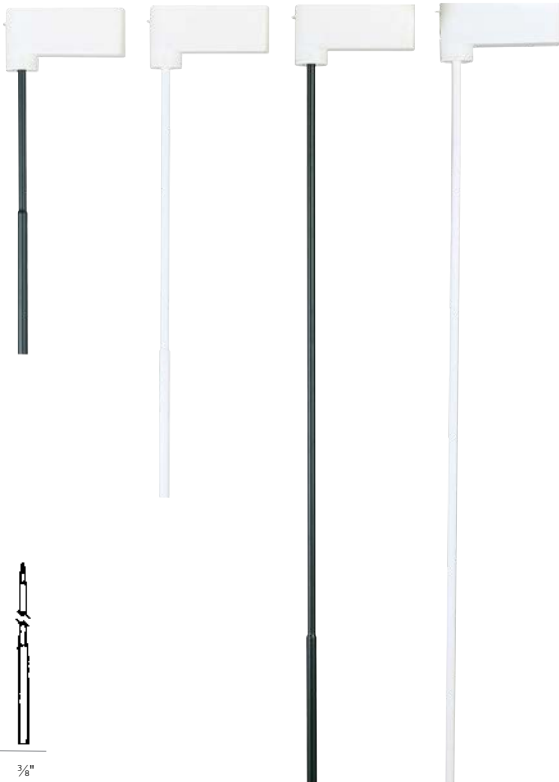
12" Stem

Cat. no.	Description
8620WH	Matte white
8620BK	Matte black

18" Stem

Cat. no.	Description
8621WH	Matte white
8621BK	Matte black

30" Stem

Cat. no.	Description
8622WH	Matte white
8622BK	Matte black

42" Stem

Cat. no.	Description
8623WH	Matte white
8623BK	Matte black

Stems can be joined (57" max)
Extender Stems cannot be used
with Lytedrops

Sloped ceiling stem

0°–90°

1¾"

10¼"

12" Stem

Cat. no.	Description
8630WH	Matte white
8630BK	Matte black

Accepts extender stems.

Accessory to field shorten

Accessory to field shorten Focal Jack extender stems
or rigid stem Lytedrops* (Order 1 per stem)

12" Stem

Cat. no.	Description
58621WH	Matte white
58621BK	Matte black

2 ³⁄₈" Height x 7/8" diameter.
* Not for use with Sloped Ceiling Stem.

How to select a Focal Jack

Step 2 (optional): Choose an Extender Stem (see
2.31). Stems plug into Power Jacks and position Focal
Jacks closer to the object being lighted. The 30" and 42"
stems have an innovative "concealed flex" to absorb
impact. One of these may be used with the 12" or 18"
stem to increase the length up to 57". Plug connections
are concealed. Stems can be shortened using separate
accessory (see below).

Note: Stem lengths shown are overall length to the "hub" of the
Focal Jack. When using two stems together, subtract 3" to get
overall stem length. Extender Stems accept either Focal Jacks or
another Extender Stem. Do not accept Lytedrops.

For Accessories see 2.164.

Power Jacks

Lytespan low voltage

Track Power Jack

Mounts to Lytespan Radius, Basic or Advent Track. Compact, slender design blends into track. (Not for use with pipe clamp or extension wands.)

10-50W Transformer (electronic)

1 ⅞"

4 ⁵⁄₁₆"
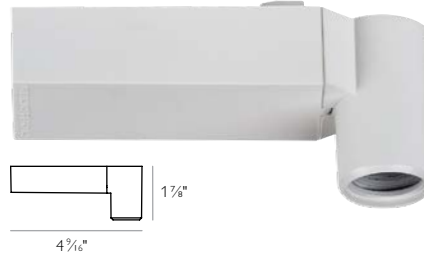
Power Jack

Cat. no.	Description
8610EWH	Matte white
8610EBK	Matte black
8610EAL	Aluminum

Surface Power Jack

Mounts to a standard 4" octagon outlet box. Flat canopy and rounded transformer compartment are as small as possible.

10-50W Transformer (Electronic)

1 ⅛"

5"
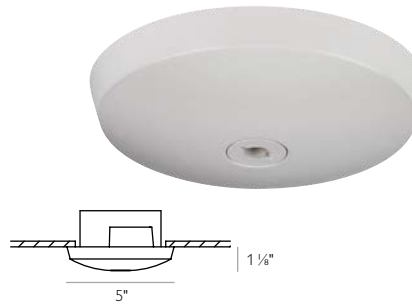
Power Jack

Cat. no.	Description
8611EWH	Matte white
8611EBK	Matte black
8611EAL	Aluminum

Remodeler Power Jack

May be installed from below existing ceilings, with a 6" minimum clearance above ceiling. Complies with UL and the National Electrical Code for type non-IC ceilings. For end-of-run wiring only. Compatible with ceilings up to 1 1/2" thick. Cover plate included.

10-50W Transformer (electronic)

2 ¾"

Power Jack

Cat. no.	Description
8612EWH	Matte white
8612EBK	Matte black
8612EAL	Aluminum

How to select a Focal Jack
Step 3: Choose a Power Jack. Power Jacks are equipped with electronic transformers and accept any Focal Jack. All track, surface and recessed mounted Power Jacks (except Point Power Jacks) have integral transformers available in 10W to 50W. The Point Power Jack is used with either a 75W or 225W remote transformer. All Power Jacks are UL listed.

For Accessories see 2.164.

Power Jacks

Lytespan low voltage

Point Power Jack from above ceiling

Sleek, 1 3/4" diameter, 5/32" thick ceiling plate. Point includes 8' of 16 ga. wire to connect directly to a remote transformer (75W or 225W).

Use T-Bar Accessory 8618 for suspended ceiling systems.

5/32" 3 1/2"
1 3/4"
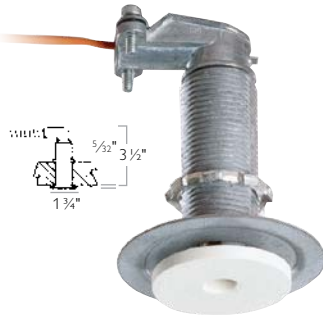
Power Jack

Cat. no.	Description
8605WH	Matte white

Points for 35, 50 or 75W

Point Power Jack from below ceiling

Point Power Jack installs easily from below into a 2" diameter hole and is secured via an integral screw cam clamp to structurally sturdy surface. Point includes wire leads for splicing to flexible cable (i.e., BX, Greenfield or Romex) for connection to remote transformer. Accepts 16-12 ga. wire to minimize voltage drop.

5 1/4"
2 3/4" 1/4"
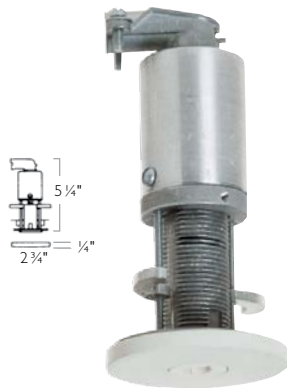
Power Jack

Cat. no.	Description
8606WH	Matte white

Points for 35, 50 or 75W

T-Bar accessory

Use T-Bar Accessory with 8605WH (Ordered separately) to secure Power Jack to ceiling structure. Order mounting bars and t-bar mounting clips separately.

T-Bar

Cat. no.
8618

3 3/8"
6 3/4"

Mounting accessories

18" Mounting Bars

Cat. no.	Description
1950	(Set of 2)

27" Mounting Bars

Cat. no.	Description
1951	(Set of 2)

T-Bar mounting clip accessory

Cat. no.	Description
1956	(Set of 4)

(to secure Mounting Bars to T-Bar)

20" mounting bar extenders

Cat. no.	Description
1964	(Set of 2)

(for Recessed Power Jack)

Metallics

Lytespan line voltage

Metallics incandescent lighting fixtures utilize a completely modular system to provide a range of line voltage lighting options suitable for virtually any environment. A single Metallics incandescent adapter can accept PAR 20, 30 and 38 halogen lamps while utilizing either a dome, barn door or Par-Tech shade.

Features

- Swivel features 315° horizontal rotation with 0°- 90° vertical adjustment.
- Swivel features built-in friction control to hold aiming adjustment.
- Shades accept up to two accessories utilizing an optional accessory holder.
- Adapter incorporates an integral aiming arm to allow easy adjustment when fixture is on Par-Tech. PAR Ring Shades and PAR30 bezel shades also available for use with Metallics in Natural Metal **(NM)**, Dark Titanium **(TM)** Matte white **(WH)** finishes.

See Par-Tech line voltage shades, pages 2.128.

Note: For a complete unit, order an adapter plus shade (for example, 8701WH plus 8725WH).
The adapter can also be used alone without a shade if desired.

For Accessories see 2.164.

Metallic adapters

8701TM   Dark titanium   PAR20 50W,
8701WH   Matte white   PAR30 75W,
PAR38 250W max.

Metallics PAR20 shade

PAR20 dome
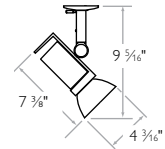
8727NM   Natural metal
8727TM   Dark titanium
8727WH   Matte white
PAR20 50W max.

Accessory holder: 8782

Accessories: Two AF25, ADF25 or AL25 series.

Metallics PAR30 shade

PAR30 dome
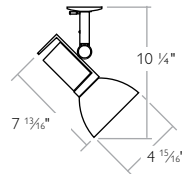
8737NM   Natural metal
8737TM   Dark titanium
8737WH   Matte white
PAR30 75W max.

Accessory holder: 8783

Accessories: Two AF3, ADF3 or AL3 series.

Metallics PAR38 shade

PAR38 dome
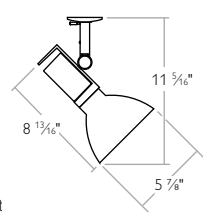
8747NM   Natural met
8747TM   Dark titanium
8747WH   Matte white
PAR38 250W max.

Accessory holder: 8784

Accessories: Two AF4, ADF4 or AL4 series.
150W max. With accessories

Metallics PAR20 shade

PAR20 barn door
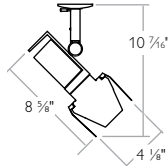
8725TM   Dark titanium
8725WH   Matte white
PAR20 50W max.

Accessory holder: 8782

Accessories: Two AF25, ADF25 or AL25 series.

Metallics PAR30 shade

PAR30 Barn door
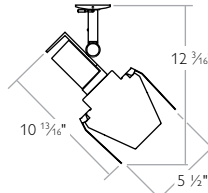
8735TM   Dark Titanium
8735WH   Matte white
PAR30 75W max.

Accessory holder: 8783

Accessories: Two AF3, ADF3 or AL3 series.

Metallics PAR38 shade

PAR38 Barn door
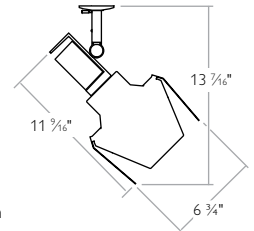
8745TM   Dark titanium
8745WH   Matte white
PAR38 250W max.

Accessory holder: 8784

Accessories: Two AF4, ADF4 or AL4 series.
150W max. with accessories

Sof-Tech

Lytespan line voltage

An innovative line of halogen fixtures designed specifically for the PAR16, PAR20, PAR30, and PAR38 lamps. The minimal silhouette has the look of low voltage without the need for transformers. The marriage of die-cast aluminum components with heat-resistant silicone rubber elements results in a refined appearance. A wide silicone band surrounds the lamp ring and the socket cup is enclosed in an articulated silicone housing to provide a comfortable grip for aiming and relamping. These units are engineered to ensure cool operation over the life of the product.

PAR20 rings

5 ½"
4 ¼"
3 ¼"
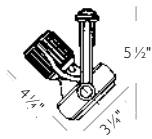
8320WH   Matte white
8320BK   Matte black
8320AL   Aluminum
PAR20 50W max.

Accessories: AF25, ADF25 or AL25 series.

PAR16 spots

4 ⅝"
3 ⅜"
2 ⅛"
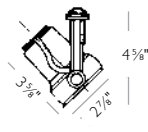
8416WH   Matte white
8416BK   Matte black
8416AL   Aluminum
PAR16 75W max.

Accessory holder: 8471
Accessories: One AF2 diffusion, ADF2 color, or AL2 (60W max. /Accessories)

PAR30 rings

6 ⅜"
4 ⅜"
4 ½"

8330WH   Matte white
8330BK   Matte black
8330AL   Aluminum
PAR30 75W max.

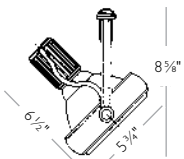**Accessories:** One AF3, ADF3 or AL3 series.

PAR20 spots

5 ½"
4 ¼"
3 ¼"
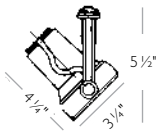
8420WH   Matte white
8420BK   Matte black
8420AL   Aluminum
PAR20 50W max.

Accessory holder: 8472
Accessories: One   AF25, ADF25 or AL25 series.

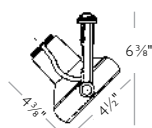## PAR38 rings

8 ⅝"
6 ½"
5 ¾"

8338WH   Matte white
8338BK   Matte black
8338AL   Aluminum
PAR38 250W max.

Accessories: One AF4, ADF4 or AL4 series. (150W max. w/accessories)

Not suitable for wall mounting.

PAR30 spots

6 ⅜"
4 ⅜"
4 ½"

8430WH   Matte white
8430BK   Matte black
8430AL   Aluminum
PAR30 75W max.

Accessory holder: 8473
Accessories: One AF3, ADF3 or AL3 series.

Sof-Tech ring

A die-cast aluminum ring encloses the lamp. Integral cross blade louver provide some glare reduction and can accommodate one accessory. Lamps are slightly regressed to provide better cut-off than typically found in PAR rings.

Sof-Tech spot

Die-cast aluminum spot fully encloses the PAR16, 20 or 30 lamp. Engineered with vents for heat dissipation to ensure cool operation. Relamp from the front for easy maintenance. Optional accessory holder fits snugly into the face of the fixture and can accommodate one accessory.

Note: Sof-Tech Ring and Spots for use with short neck PAR lamps only.

For Accessories see page 2.164.

Symbol indicates compatibility with extension wands, sloped ceiling adapter and clamp-on monopoint.

Tangent

Track lighting

The smallest, most versatile line voltage track lighting system on the planet. Tangent delivers the performance and convenience of line voltage in a profile no larger than most low voltage rail systems. Ideal for commercial, retail and residential applications, Tangent may be surface mounted or suspended, in straight runs or in sweeping architectural curves. Tangent's unique design, diminutive size and strikingly clean lines redefine the state-of-the-art in line voltage track lighting. Tangent may be installed in an infinite variety of configurations. Surface mounted on ceilings or walls, or suspended from wire or stems, in straight or curved patterns. The size of low voltage, the power of line voltage, at a third the size of standard track. Tangent is the world's smallest line-voltage track lighting system.

Tangent low voltage

Track lighting

Tangent track, the smallest, most versatile line voltage track lighting system on the planet. Each Tangent luminaire is designed and constructed for superior performance, clean architectural styles and quality. Utilizing a wide variety of lamps including both line voltage (MR16 and T4) and Low voltage (MR16, AR111 and T4). Fixture options include spots, floods, adjustable suspended spots, and miniature decorative pendants.

- Tangent features the smallest available transformer assembly. The silent electronic transformer includes short-circuit and over-heat protection.
- Minimal styling, simple, easy relamping
- Infinite horizontal rotation for maximum aiming flexibility without "dead spots".
- Die-cast aluminum construction

For accessories see page 2.164.

Soft cone

4 ⅝" (118mm)
6 ½" (165mm)
2 ¾" (69mm)
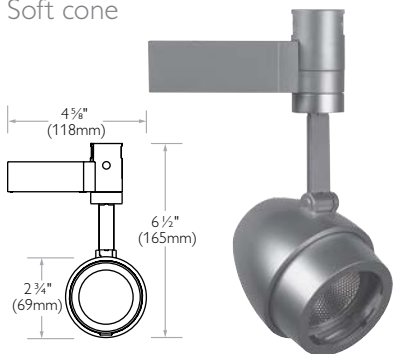
FX16S   Silver

12V MR16 Halogen 50W Max or 37W Max IR
Accessories may be used with 37W Max lamp only

Accessories:
Accepts two total (1 lens plus either 1 louver or 1 snoot).

Lens: AF2 or ADF2 series.

Louver: AL2HC

Snoot: 22SR6AL

Micro flood

4 ¾" (120mm)
5 ⅞" (148mm)
2 ¼" (57mm)
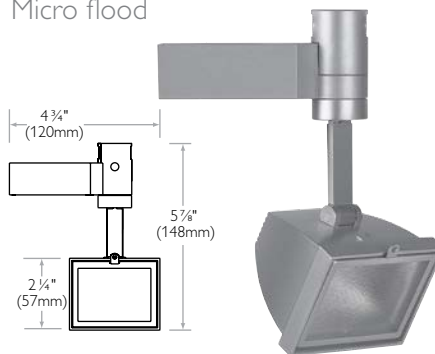
FXT4F   Silver

12V T4 2-pin (clear only) GY6.35 Base, Transverse filament recommended 50W max Solite® beam softening lens included

Accessories: No accessory capability.

Mini cylinder

4 ⅝" (117mm)
6 ½" (166mm)
2 ⅝" (67mm)
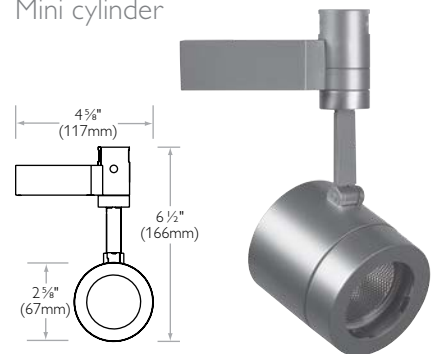
FX16C   Silver

12V MR16 Halogen 50W Max or 37W Max IR

Acc. holder: Integral

Accessories: Accepts two total (1 lens plus either 1 louver or 1 snoot)

Lens: AF2 or ADF2 series.

Louver: AL2HC

Snoot: 22SR6AL

Open ring

3 ¹³⁄₁₆" (99mm)
5 ⅛" (130mm)
3" (76mm)
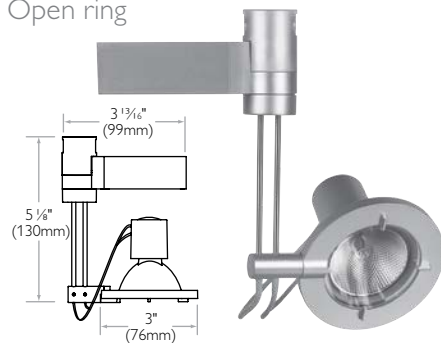
FX16R   Silver

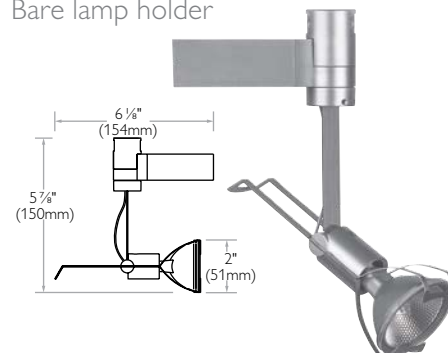12V MR16 Halogen GU5.3 Base 50W Max or 50W Max IR

Acc. holder: Integral

Accessories: Accepts one accessory lens; replaces clear glass shield provided with fixture

Lens: AF2 or ADF2 series.

Snoot: Can be used with 22SR6AL only with clear lamp shield provided.
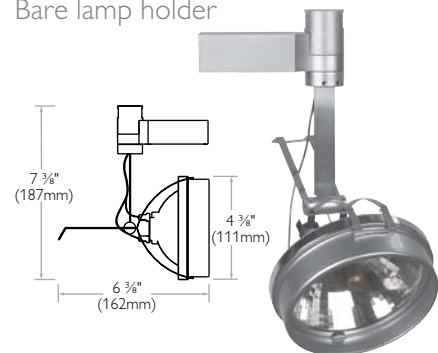
Bare lamp holder

6 ⅛" (154mm)
5 ⅞" (150mm)
2" (51mm)

FX16B   Silver

12V MR16 Halogen 50W Max or 50W Max IR

Acc. holder: Integral

Accessories: Accepts one accessory lens; replaces clear shield provided with fixture

Lens: AF2 or ADF2 series.

Bare lamp holder

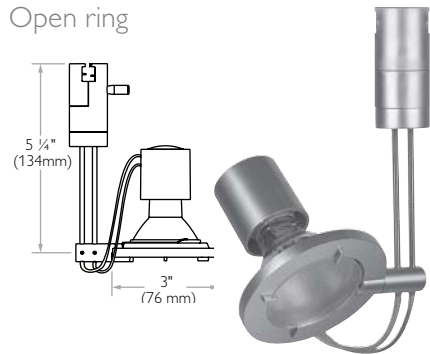7 ⅜" (187mm)
4 ⅜" (111mm)
6 ⅜" (162mm)

FXA1B   Silver

12V AR111 Halogen G53 Base 50W Max

Accessories: No accessory capability

Tangent line voltage/suspended

Track lighting

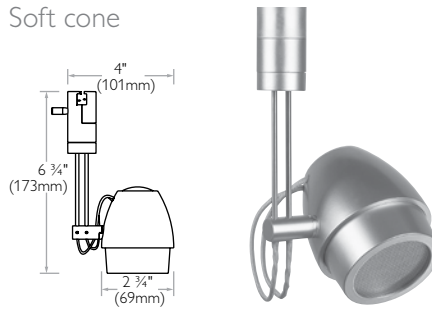## Open ring

5 ¼"
(134mm)

3"
(76 mm)

FXESR   Silver

120V Halogen GU10 or GZ10 Base 50W Max
Solite® beam softening lens included.

Acc. holder: Integral

Accessories: Accepts
two total (1 lens plus
either 1 louver or 1 snoot)

Lens: AF2 or ADF2
series.

Louver: AL2HC

Soft cone

4"
(101mm)

6 ¾"
(173mm)

2 ¾"
(69mm)

FXESS   Silver

120V Halogen GU10 or GZ10 Base 50W Max
Solite® beam softening lens included.

Accessories: Accepts
two total (1 lens plus
either 1 louver or 1 snoot)

Lens: AF2 or ADF2
series.

Louver: AL2HC

Snoot: 22SR6AL

Suspended mini cylinder

5 ½"
(141 mm)

2 ⅝"
(67mm)
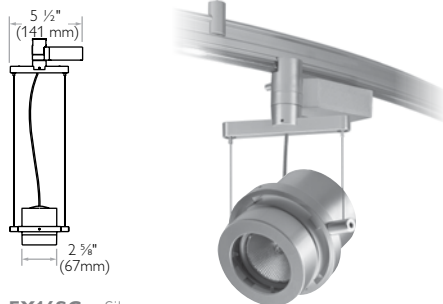
FX16SC   Silver

120V MR16 Halogen 50W Max or 37W Max IR
6' stainless steel cables and powercord. Field cuttable.

Acc. holder: Integral

Accessories: Accepts
two total (1 lens plus
either 1 louver or 1 snoot)

Suspended glass cylinder
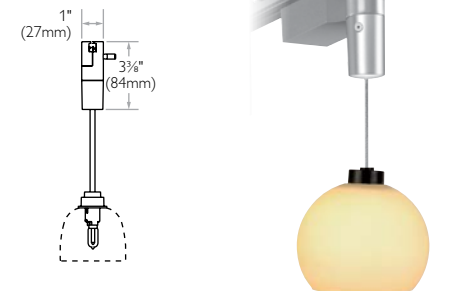
5 ½"
(141 mm)

2 ⅝"
(67mm)
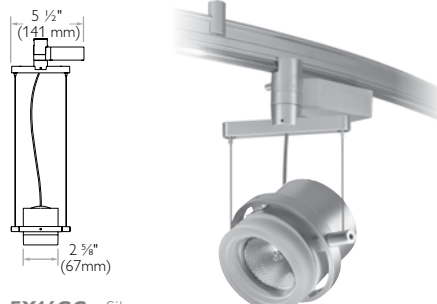
FX16GC   Silver

120V MR16 Halogen 50W Max or 37W Max IR
6' stainless steel cables and powercord. Field cutable.

Accessories: No
accessory capability

T4 pendant

1"
(27mm)

3⅜"
(84mm)

FXT4P   Silver

120V T4 Halogen G9 Base 40W Max Frosted or Clear
Cable mounted, curved Suspension Truss

Accessories: No
accessory capability

**How to order mini
pendants**

Step 1: select the desired
light source.
Low voltage T4 lamps
are extremely compact
and bright, perfect for
the smallest shades.
Line voltage T4 lamps
produce the same bright
halogen light without a

transformer and are easily
dimmable with standard
incandescent dimmers.

Step 2: select the desired
shade
Choose from over a
dozen styles and colors of
hand-blown glass and spun
aluminum shades. All mini
shades are compatible
with both the FXG9 and
FXT4 mini pendants.

FXPDT pendant adapter

For use only with pendants supplied by others, that meet the following criteria:

• Total weight of all
components being
attached to adapter
does not exceed 2.5 lbs.

• Pendant cord type is 1/4"
dia. 18 ga. 3-wire, 300V
min. SVT, with .062 dia.
aircraft cable, or without
aircraft cable.

• Pendant is rated
120V/60Hz., .83A max,
100W max. See pages
320-321 for shade
offering.

• Refer to Lytejacks page
2.30-2.31 for complete
glass shade offering.
Also compatible with
Forecast mini shades.

Tangent surface mount track

Surface mount

Innovative side by side buss-bars minimize overall height and allow Tangent to be mounted directly to ceilings and walls without bulky stand-offs. Tangent line voltage track is rated for a full 20 amps at 120V. Tangent may be installed in an infinite variety of configurations. Surface mounted on ceilings or walls, or suspended from wire or stems, in straight or curved patterns.

Field bendable for custom configurations

Tangent may be field bent to a minimum radius of 3 feet allowing for an infinite variety of custom configurations in any application.

Bending machine

FX100   Silver

The Tangent bending tool allows Tangent surface track, suspension beam and truss to be precisely field bent down to a minimum radius of 3 feet. Scratch resistant nylon rollers are specifically designed to accept all three track profiles. Completely assembled of durable steel, requires no power. Tool clamps easily to table or work surface.

Surface mount track

|		
FX04	Silver	Plain surface track 4'
FX08	Silver	Plain surface track 8'
FX12	Silver	Plain surface track 12'

For mounting directly to ceilings or walls. Extruded aluminum/polycarbonate construction. Includes two end caps as shown. Anchors/mounting clips not included (order separately).

Note: Surface mount anchors or clips are required a minimum of every 3 feet on surface mount track. Anchors/clips are available in packs of 5; order accordingly. Consult specification sheet #FX for installation details.
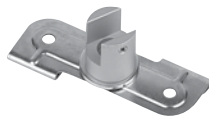
Mounting anchors

FX25   Surface mount anchors

Mounts track to hard ceilings/walls. Pack of 5 anchors with hex wrench.
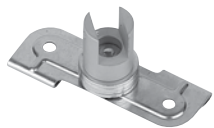
FX87   Regressed-edge clips

For regressed-edge grid ceilings. Pack of 5 clips with hex wrench.

FX89   Square-edge clips

For square-edge grid ceilings. Pack of 5 clips with hex wrench.

Surface Powertrip

FX99   Silver

Powertrip feed kit for surface track. Compatible with pld plug in breakers. Refer to page 2.163 for complete listing of breaker modules.

Power feeds

FX48   Silver

Surface power feed supplies power anywhere along track. For direct wiring without a j-box

FX61   Silver

Surface power feed from J-Box

FX61WH   White

Surface power feed from j-box - white. Supplies power anywhere along track. Includes canopy cover for j-box.

FX96   Silver

Grid ceiling power feed

FX96WH   White

Grid ceiling power feed

Supplies power anywhere along track.

Mounts directly to grid ceiling runners. Includes canopy cover for J-box.

Connectors

FX54   Silver

In-line connector electrical/mechanical

Connects surface track in straight runs with continuous power. Not a power feed device.

FX55   Silver

In-line connector mechanical only

Connects surface track in straight runs without continuous power. Not a power feed device.

FX53   Silver

Variable angle connector electrical/mechanical

Connects surface track to provide flexibility when creating patterns with continuous power. Not a power feed device.

FX52   Silver

Variable angle connector mechanical only

Connects surface track to provide flexibility when creating patterns with continuous power. Not a power feed device.

# Tangent suspended track

Suspension beam

Crisp architectural design is ideal for suspended applications where a larger profile is desired. Tangent suspension truss Perforated truss makes a dramatic statement in suspended applications with a unique "engineered" aesthetic.

Field bendable for custom configurations

Tangent may be field bent to a minimum radius of 3 feet allowing for an infinite variety of custom configurations in any application when using tangent bending machine.

Suspension beam
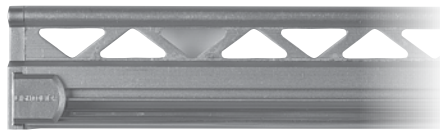
FXT08   Clear anodized plain truss 8'

For suspension from cable or stem kits. Extruded aluminum/polycarbonate construction. Includes two end caps as shown. Power feed and suspension kits sold separately.

Suspension truss

FXS04   Clear anodized plain beam track 4'
FXS08   Clear anodized plain beam track 8'
FXS12   Clear anodized plain beam track 12'

Connectors

FXS54   Silver

In-line connector electrical/mechanical

Connects suspension beam and truss in straight runs with continuous power. Not a power feed device.

FXS55   Silver

In-line connector mechanical only

Connects suspension beam and truss in straight runs without power. Not a power feed device.

Cable kit
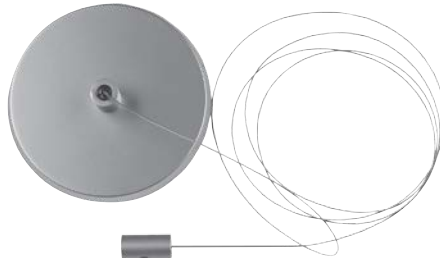
FXS68   Silver

Cable suspension kit

8' adjustable stainless steel aircraft cable. Installs on hard or grid ceilings. Ceiling canopy included. For suspension only - not a power feed device.

Note: Cable Kits are required a minimum of every 6 feet on Suspended Beam or Truss track. Cable Kits include one suspension point each; order accordingly. Consult specification sheet #FXS for installation details.

Stem kit

FXS84   Silver

18" Stem suspension kit

FXS86   Silver

48" Stem suspension kit

Note: Stem Kits are required a minimum of every 6 feet on Suspended Beam or Truss track. Stem Kits include one suspension point each; order accordingly. Consult specification sheet #FXS for installation details. ¼" diameter solid steel stems. Install on hard or grid ceilings. Ceiling canopy included. Stems may be field shortened. For suspension only - not a power feed device.
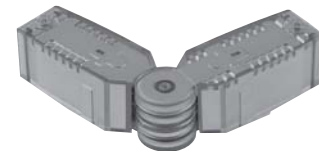
FXS53   Silver

Variable angle connector

Electrical/mechanical

Connects surface track to provide flexibility when creating patterns with continuous power. Not a power feed device.

FXS52   Silver

Variable angle connector mechanical only

Connects surface track to provide flexibility when creating patterns with continuous power. Not a power feed device.

Power feed

FXS67   Silver

20A feed supplies power anywhere along track. 10' power cable may be field shortened. Includes canopy cover for J-box. For power feed only - not a suspension device.

Suspended Powertrip

FXS99   Silver

Powertrip feed kit for suspended track. Compatible with PLD plug in breakers. page 2.163 for complete listing of breaker modules.

Translite

Translite low voltage

The visual experience of light defines an interior setting. Premium product quality and product choice are the hallmarks of excellent lighting. That's why we cultivate superior low voltage lighting, luxurious fabrics and unparalleled decorative glass. Our innovative and versatile lighting products allow designers to enhance today's architectural interiors in distinctly fresh ways.

Our versatile product offering with a wide array of options gives designers and customers the flexibility to channel their creativity into stunning displays of light, texture and color. Excellent design and premium materials guarantee a long-lasting product. Translite Systems low voltage systems consistently reflect a product quality that raises the industry bar for low voltage lighting. With discreet elegance, our low voltage fixtures feature a universal system connector that allows fixtures to be used interchangeably between our different low voltage systems and a selection of canopies. The craftsmanship of Translite Systems glass is apparent when you see the skillfully mouth-blown glass layer upon layer, carefully interlaced with frit in a time-intensive process. The quality is unmistakable and the look is striking.

Basis

Translite low voltage

Basis is a versatile low voltage lighting system with clean minimal lines that complement any architectural style or interior design.

• Rigid, ideal for straight or curved designs
• Flush to ceiling or drops up to 10 feet
• Wall mount for added versatility

Basis Track – Microspot E fixture– Caesars Palace – Las Vegas, NV
Photographer: Andy Ahart

Basis Track - Microspot D fixture – Reno NV

Basis Track - Retro 16 fixture – Kips Bay Theater – New York, NY

Designing a Basis track system

Step 1. Establishing lighting priorities

When designing a Basis track 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 farther away from a wall—a technique called washing—will subdue the texture of the surface. When designing your Basis track 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 track system fulfills your lighting requirements.

Step 2. Creating your optimal design

Architecture defines how light is diffused and how the Basis track 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 track is a versatile lighting system with clean, minimal lines that can complement any architectural style and interior design. Basis track may be suspended from ceiling or wall surfaces. Use the track for long, linear runs or have the factory bend the track into intricate curves and complicated architectural shapes. Basis track allows you to create a completely custom installation with standard components and your vivid imagination. Take a look at the following pages to find the different hardware options available for mounting and building a Basis track system.

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 put the fixtures. This simple exercise will ensure that your design provides the style and the lighting you require.

Step 4. Selecting your fixtures

Basis track fixtures do not simply illuminate your space, but allow 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. Refer to our low voltage fixtures section to peruse the wide selection of elegant hand blown glass, fabric and precision machined metal fixtures that make Translite Systems well known for distinctive lighting.

Designing a Basis track system

12' × 4' Rectangle – 10' drop
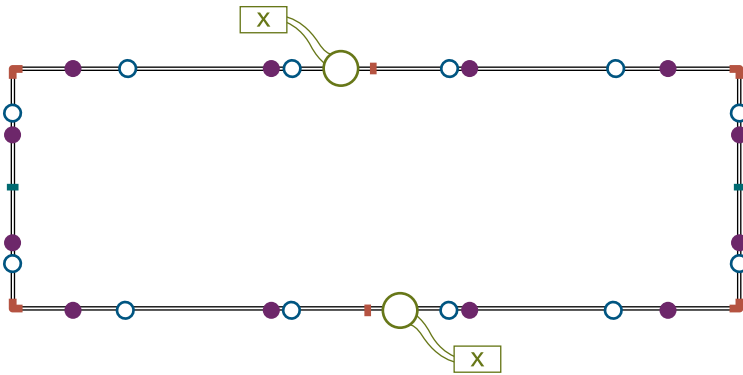
| No. of fixtures: | 12 (30" spacing) |
| Total wattage: | 600 (50w per fixture) |

Conductor

| (4x) Basis Track 8' | BT8-505-PN |

Hardware

| (12x) ceiling anchor: cable ● | BT-310-PN |

Couplers

(2x) couplers ▬	BT-512-PN
(4x) adjustable couplers ▬	BT-513-PN or BT-522-PN
(2x) isolators ▬	BT-511-BK

Power

(2x) power canopies ○	BT-509-PN
(2x) remote power supplies ⊠	PS6, TSQ 300 or BT-528-PN
power cable ⟋	503 (ordered by foot)

Fixtures

| (12x) fixtures ○ | to be specified |

12' × 6' Oval – 3.5" drop
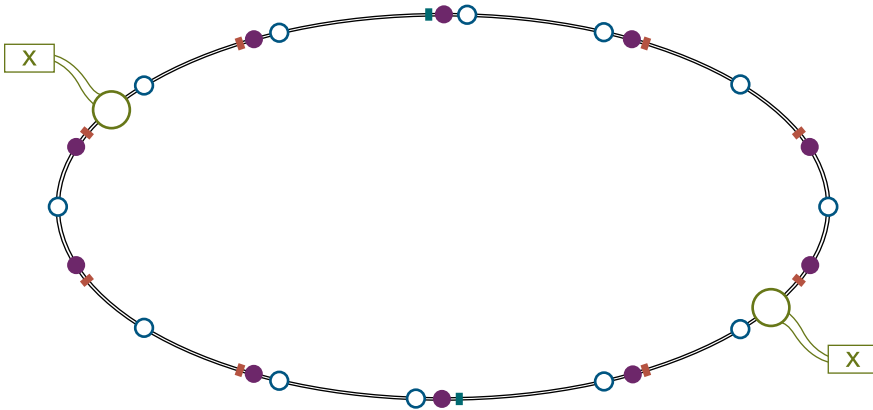
| No. of fixtures: | 12 (36" spacing) |
| Total wattage: | 600 (50w per fixture) |

Conductor

| (2x) Basis Track 8' | BT8-BND-RB |
| (4x) Basis Track 4' | BT4-BND-RB |

Hardware

| (10x) ceiling anchor: stem ● | BT-316-RB-3.5 |

Couplers

| (6x) couplers ▬ | BT-512-RB |
| (2x) isolators ▬ | BT-511-RB |

Power

(2x) TSQ 300 power supplies ⊠	TSQ 300 or BT-528-RB
(2x) power canopies ○	BT-509-RB
power cable ⟋	503 (ordered by foot)

Fixtures

| (12x) fixtures ○ | to be specified |

8' × 10' On wall system
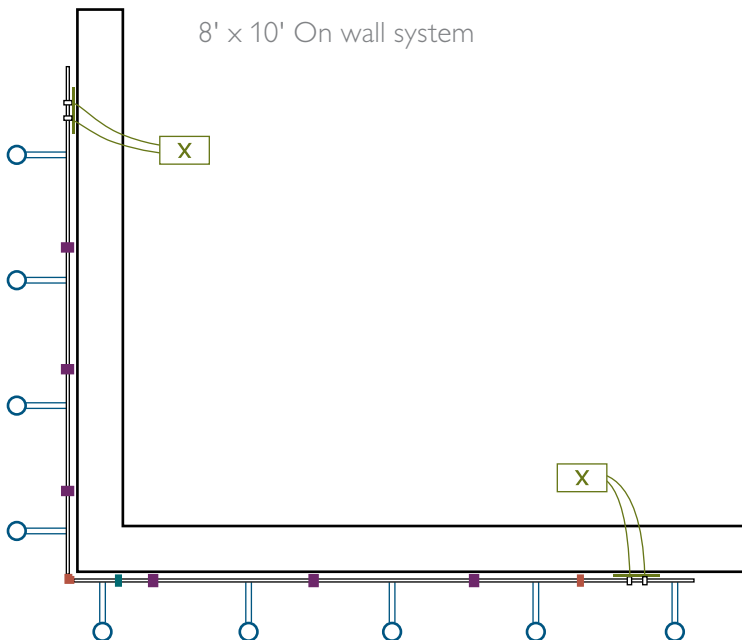
| No. of fixtures: | 9 (24" spacing) |
| Total wattage: | 450 (50w per fixture) |

Conductor

(2x) Basis Track 8'	BT8-505-AL
(1x) Basis Track 4'	BT4-505-AL
(2x) end caps	BT-808-BK

Hardware

| (6x) wall anchors ● | BT-312-AL |

Couplers

(1x) coupler ▬	BT-512-AL
(1x) adjustable coupler ▬	BT-513-AL or BT-522-AL
(1x) isolator ▬	BT-511-BK

Power

(2x) power plates —	BT-508-AL
(2x) remote power supplies ⊠	PS6, TSQ 300 or BT-528-AL
power cable ⟋	503 (ordered by foot)

Fixtures

| (12x) fixtures ○ | to be specified |

Conductor

Basis

Ordering code

BT – ☐ – ☐

Overall length

4
4' length

8
8' length

Model

505
Straight

BND
Bend

CUT
Cut

Metal finish

AL
Satin
aluminum

PN
Polished
nickel

RB
Rubbed
bronze

GB
Gloss
black

WH
White
(vertical white)

0.31" (0.78cm)

0.65"
(1.65cm)
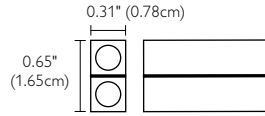
Factory bendable basis track (BT-505)

• Aluminum, Polished nickel, Rubbed bronze, white or Gloss black:
  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 cuttable.

• Available in 4' or 8' lengths.

• Field bendable with bending tool (TS-BND).

• Rated for 300 watts at 12 volts and 600 watts at 24 volts.

• AL, GB, PN, WH mount every 48" and RB mounts every 24".

• Refer to box below to estimate curved runs. Bendable at factory to as
  small as an 18" radius.

• Note: White track is painted on sides only

Ordering code

BT – 808 – ☐

Color

Code   Model

BK
Black

WH
White

0.65"
(1.65cm)

0.07"
(0.17cm)
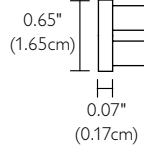
End cap (BT-808-XX)

Black or white decorative cap covers the
ends of Basis track and provides a clean
elegant finish to the end of a track run.

Ordering code

TS – BND

5.0"
(12.7cm)

11.33"
(28.78cm)
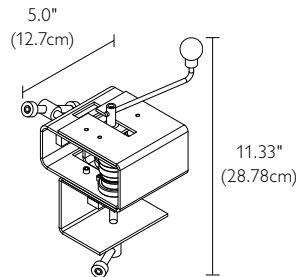
**Basis track bending
tool (TS-BND)**

Metal crank assembly with plastic
rollers designed for bending Basis track.
Protective padding protects mounting
surface. Use of the bending tool to bend
track is done at the discretion of the user.
Translite Systems does not warranty track
bent in the field.

Basis bending instructions

Field bending

Whereas field bending is good for small runs with a simple bend, more complicated
architectural shapes should be bent by the factory.

Factory bending

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. Determine total length of track needed, ordering
in 4' and 8' increments. For example, a circle with a radius of 2.5' (5' diameter) would
require track to make a circle with a circumference of π x diameter (3.14 x 5') or 15.7'
circumference. Add 25%: 15.7' x 1.25 = 19.25' of usable track which rounds to 24', or
four 8'. 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)

5.5' arc

Bend 2

7.375' arc

2.5' radius

1.6' radius

3' radius

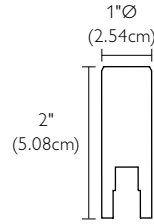Bend 1

4.5' arc

Bend 3
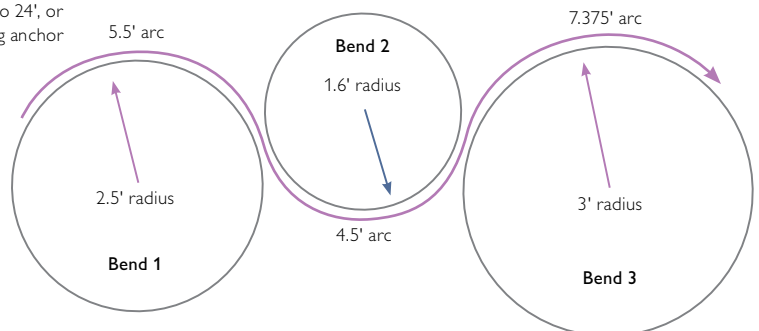
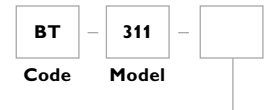# Mounting hardware

Basis

Ceiling anchor (BT-311)

Used to anchor Basis track. (AL, GB, PN, WH mount every 48" and RB mounts every 24".) Not for use with BT-526. Supplied with isolating washer.

1"Ø
(2.54cm)
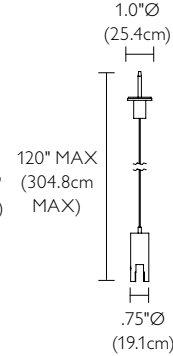
2"
(5.08cm)

Ordering code

BT	–	311	–	
Code		Model		

Metal finish

AL	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Ceiling anchor: cable (BT-310)

Supports ceiling mounted Basis track with aircraft cable. Supplied with 10' of cable, isolating washer. Field adjustable. (AL, GB, PN, WH mount every 48" and RB mounts every 24".) Recommended for sloped ceiling applications.
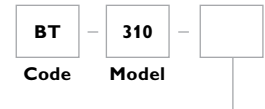
1.0"Ø
(25.4cm)

120" MAX
(304.8cm MAX)

.75"Ø
(19.1cm)

Ordering code

BT	–	310	–	
Code		Model		

Metal finish

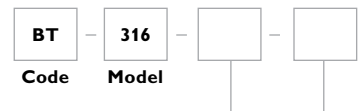| **AL**	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Ceiling anchor: stem (BT-316)

Supports ceiling mounted Basis track with field adjustable rigid stem. (AL, GB, PN, WH mount every 48" and RB mounts every 24".) Supplied with isolating washer.

*When ordering lengths greater than 3.5", overall length must be specified in whole inches. No fractional inches.

1.0"Ø
(25.4cm)

3.5–72"
(8.89cm–182.88cm)

.75"Ø
(19.1cm)

Ordering code

BT	–	316	–	–	
Code		Model			

Metal finish

AL	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Overall length

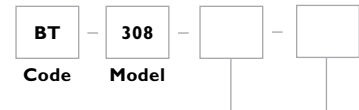**3.5" – 72"**
Specify length* in 6" increments

Sloped ceiling anchor (BT-308)

Used to attach Basis track to a sloped ceiling. Field adjustable. (AL, GB, PN, WH mount every 48" and RB mounts every 24".) Supplied with isolating washer.
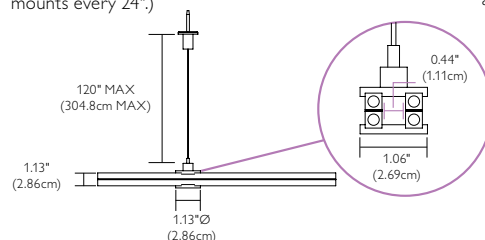
1.38"
(3.50cm)

5"–72"
(12.7cm –182.88cm)

Ordering code

BT	–	308	–	–	
Code		Model			
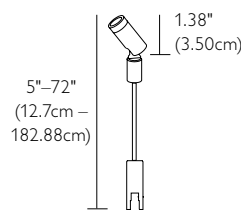
Metal finish

AL	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Overall length

5" – 72"
Specify length in 6" increments

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 field adjustable aircraft cable. Supplied with 10' of cable. (AL, GB, PN, WH mount every 48" and RB mounts every 24".)
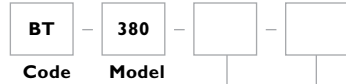
120" MAX
(304.8cm MAX)

1.13"
(2.86cm)

1.13"Ø
(2.86cm)

0.44"
(1.11cm)

1.06"
(2.69cm)

Ordering code

BT	–	375	–	
Code		Model		

Metal finish

AL	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Mounting hardware

Basis

Ordering code

BT	380	–		–	
Code	**Model**				

Metal finish

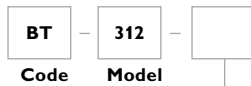| **AL**	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Overall length

6" – 72"
Specify length
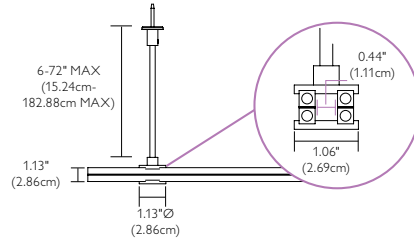
Dual Basis clip: stem (BT-380)
The Dual Basis Clip supports two parallel Basis conductors to enable installation of two separate Basis systems side by side. Each conductor requires separate power connections. Supports ceiling mounted Basis Track with field adjustable rigid stem. (AL, GB, PN, WH mount every 48" and RB mounts every 24".)
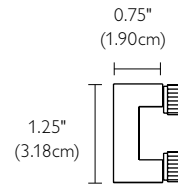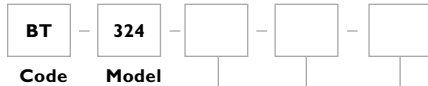

Ordering code

BT	312	–	
Code	**Model**		

Metal finish

AL	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Wall anchor (BT-312)
Used to attach Basis track to any surface. Can be used for ceiling. (AL, PN, GB and WH mount every 48" minimum. RB mount every 24" minimum.)

Ordering code

BT	324	–		–		–	
Code	**Model**						

Canopy

2	**4**
2" Canopy	4" Canopy

Overall length

6" – 36"
Specify length

Metal finish

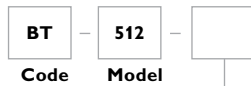| **AL**	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Wall cantilever anchor (BT-324)
Used to cantilever Basis track up to 36" off a vertical surface. (AL, PN and GB mount every 48" maximum. RB mount every 24" maximum. Field cuttable.)
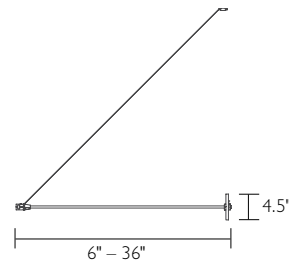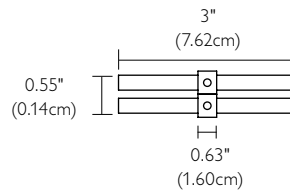
Couplers

Ordering code

BT	512	–	
Code	**Model**		

Metal finish

AL	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Coupler (BT-512)
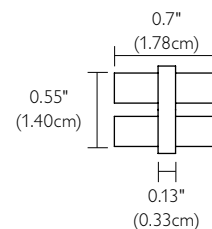Mechanically and electrically connects sections of Basis track.

Ordering code

BT	511	–	
Code	**Model**		

Finish

Leave blank for black	**WH**
	White

Isolator (BT-511)
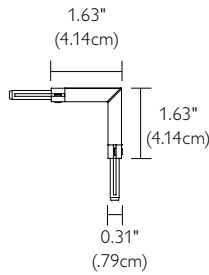Electrically isolates sections of Basis track.

Couplers: wall

Basis

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. Order BT-511 to isolate any given leg of track.
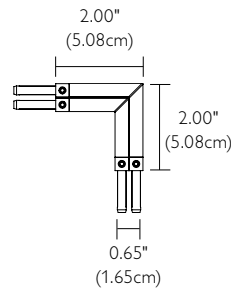
1.63"
(4.14cm)

1.63"
(4.14cm)

0.31"
(.79cm)

Ordering code

Metal finish

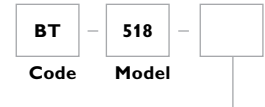|					BT	–	522	–	
					Code		**Model**		
AL	**PN**	**RB**	**GB**	**WH**					
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White					

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. Order BT-511 to isolate any given leg of track.

2.00"
(5.08cm)
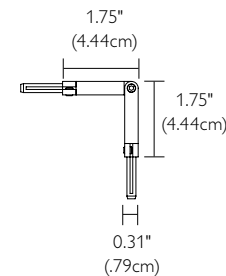
2.00"
(5.08cm)

0.65"
(1.65cm)

Ordering code

Metal finish

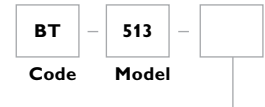|					BT	–	518	–	
					Code		**Model**		
AL	**PN**	**RB**	**GB**	**WH**					
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White					

Adjustable coupler (BT-513)
Mechanically and electrically connects sections of Basis track. Allows up to 180° of adjustment. Order BT-511 to isolate any given leg of track.
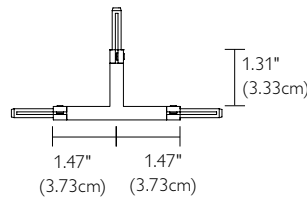
1.75"
(4.44cm)

1.75"
(4.44cm)

0.31"
(.79cm)

Ordering code

Metal finish

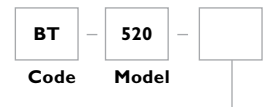|					BT	–	513	–	
					Code		**Model**		
AL	**PN**	**RB**	**GB**	**WH**					
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White					

Couplers: ceiling

T-Coupler (BT-520)
Mechanically and electrically connects sections of Basis track. Used to connect 3 sections of Basis track at 90° angles. Order BT-511 to isolate any given leg of track.

1.31"
(3.33cm)
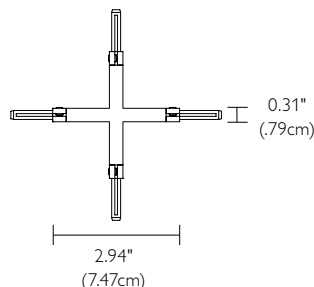
1.47"
(3.73cm)

1.47"
(3.73cm)

Ordering code

Metal finish

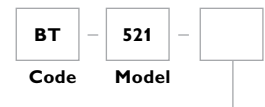|					BT	–	520	–	
					Code		**Model**		
AL	**PN**	**RB**	**GB**	**WH**					
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White					

X-Coupler (BT-520)
Mechanically and electrically connects sections of Basis track. Used to connect 4 sections of Basis track at 90° angles. Order BT-511 to isolate any given leg of track.

0.31"
(.79cm)

2.94"
(7.47cm)

Ordering code

Metal finish

					BT	–	521	–	
					Code		**Model**		
AL	**PN**	**RB**	**GB**	**WH**					
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White					

Surface mount transformers

Basis

Ordering code | **BT** – **528** – ☐ – ☐ – ☐

Tap

	Code	**Model**

1	**2**
Single tap	Dual tap

Metal finish

AL	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Power bolt finish

AL	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

300 watt surface mount toroidal magnetic transformer (BT-528)

• U.L.-2108 Standard compliant for low voltage lighting.

• Single and dual tap options. Dual tap recommended for dimming.

• 72" Power feed cable provided. Power bolts included.

• Ceiling or wall mount to 4" octagonal junction box. (May require additional backing.)

• Weight 12 lbs.

6.75"Ø
(17.15cm)

4.34"
(11.02cm)

Ordering code | **BT** – **526** – ☐ – ☐

Metal finish

	Code	**Model**

| **AL**	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Overall length

3.5" – 72"
Specify length* in 6" increments

*When ordering lengths greater than 3.5", overall length must be specified in whole inches. No fractional inches.

250 watt surface mount AC electronic transformer: stem (BT-526)

U.L.-2108 Covers standard 4" octagonal junction box. 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.
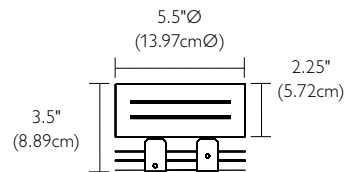
5.5"Ø
(13.97cmØ)

2.25"
(5.72cm)
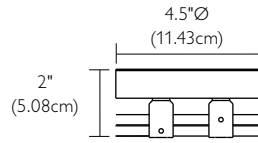
3.5"
(8.89cm)

Remote transformer power feeds

Basis

Refer to pages 2.131–2.133 for remote tranformer selection guide.

Power canopy single feed (BT-519)
Covers standard 4" octagonal junction box. Basis track mounts directly to power feeds on the canopy. Use with ceiling anchor BT-311.
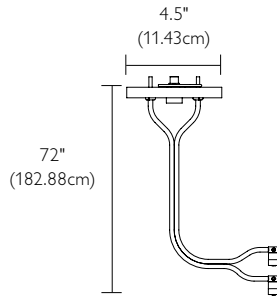
4.5"Ø (11.43cm)
2" (5.08cm)

Ordering code

BT	–	519	–	
Code		**Model**		

Metal finish

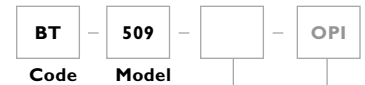| **AL**	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

---

Power canopy single feed (BT-509)
Covers standard 4" octagonal junction box. 72" power feed cable leads provided. Power bolts included.

4.5" (11.43cm)
72" (182.88cm)

Ordering code

BT	–	509	–		–	OPI
Code		**Model**				

Metal finish

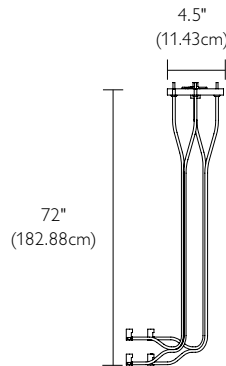| **AL**	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Option

C
Chandelier feed

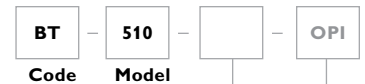**Power canopy dual feed (BT-510)**
Covers standard 4" octagonal junction box. 72" Power feed cable leads provided. Power bolts included.

4.5" (11.43cm)
72" (182.88cm)

Ordering code

BT	–	510	–		–	OPI
Code		**Model**				

Metal finish

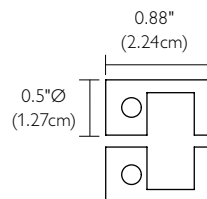| **AL**	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Option

C
Chandelier feed

Power bolt (BT-507)
Connects power feed cable to Basis track. Reference BT-535, above, for connector information.

0.88" (2.24cm)
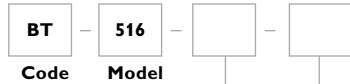0.5"Ø (1.27cm)

Ordering code

BT	–	507	–	
Code		**Model**		

Metal finish

AL	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Remote transformer power feeds

Basis

Refer to pages 2.131–2.133 for remote tranformer selection guide.

Ordering code

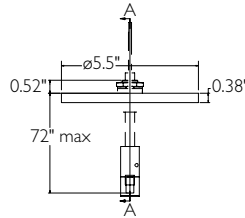| BT	–	516	–		–	
Code		**Model**				

Metal finish

AL	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Overall length

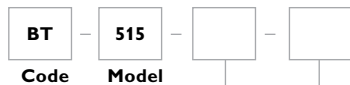| **2"**	**6"-72"**
To be used with BT-311	Specify length

ø5.5"
0.52"   0.38"
72" max
A – A

End single feed power bracket (BT-516)
Covers standard 4" octagonal junction box. Not field adjustable. 300w maximum.

Ordering code

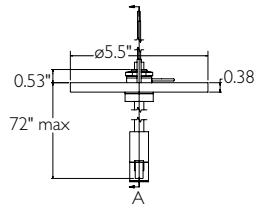| BT	–	515	–		–	
Code		**Model**				

Metal finish

AL	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Overall length

2"	**6"-72"**
To be used with BT-311	Specify length

ø5.5"
0.53"   0.38"
72" max
A

Mid single feed power bracket (BT-515)
Covers standard 4" octagonal junction box. Not field adjustable. 300w maximum.

Ordering code

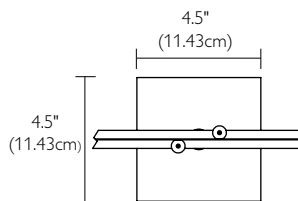| BT	–	508	–	
Code		**Model**		

Metal finish

AL	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

4.5" (11.43cm)
4.5" (11.43cm)

Wall mount power plate single feed (BT-508)
Covers standard 4" octagonal junction box. Basis track mounts directly to Power Plate.

Ordering code

BT	–	524	–	4	–		–	
Code		**Model**						

Metal finish

AL	**PN**	**RB**	**GB**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black

Overall length

6"-36"
Specify length

Wall cantilever power feed (BT-524)
Powers cantilevered Basis track. Compatible with BT-324 and capable of cantilevering track up to 36". Covers standard 4" octagonal junction box. Field adjustable. 300w maximum.

4.5"
6.36"
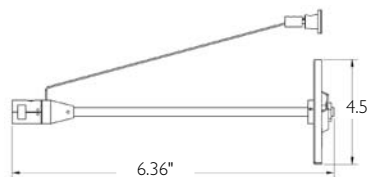
Liana

Translite low voltage

Liana is an ultra thin, flexible low voltage track system with a low profile, ribbon-like appearance that easily molds to your creative vision.

• Flexible, ideal for field bending

• Hand-bendable, no tools necessary

• Adaptable to on the spot design decisions

Designing a Liana track system

Step 1. Establishing lighting priorities

When designing a Liana track 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 Liana track 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 Liana track system fulfills your lighting requirements.

Step 2. Creating your optimal design

Architecture defines how light is diffused and how the Liana track 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. Liana track's small size (0.2" x 0.4") brings minimal lines and refined elegance to each architectural setting. Liana track is extremely elastic and bends easily in the field to form intricate curves and complicated architectural

shapes. No factory bending necessary! Liana track allows you to create a completely custom installation with standard components and your vivid imagination. Take a look at the following pages to find the different hardware options available for mounting and building a Liana track system.

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 put the fixtures. This simple exercise will ensure that your design provides the style and the lighting you require.

Step 4. Selecting your fixtures

Liana track fixtures do not simply illuminate your space, but allow 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. Refer to our Low Voltage Fixtures section to peruse the wide selection of elegant hand blown glass, fabric and precision machined metal fixtures that make Translite Systems well known for distinctive lighting.


Liana track – Rotor fixture – Sanctuary at Kiawah - Kiawah Island, SC
Photograph and Furnishings by Bauer International
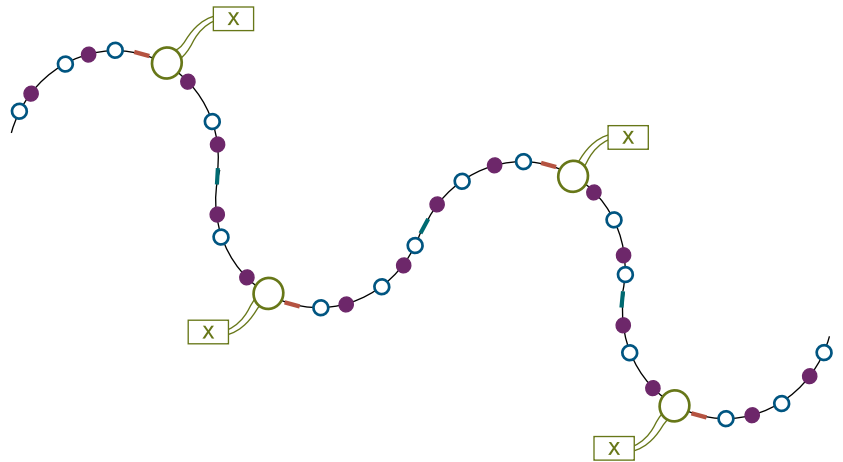
Liana sample configurations

| No. of fixtures: | 16 (30" spacing) |
| Total wattage: | 800 (50w per fixture) |

12' Oval in Polished nickel

Conductor
| (4x) Liana track 4' | LT-505-4-PN |
| (4x) Liana track 8' | LT-505-8-PN |

Couplers
| (4x) couplers | LT-512-PN |
| (4x) isolators | LT-511 |

Hardware
| (16x) ceiling anchor: stem ● | LT-309-PN-12 |

Power
(4x) power canopies ○	LT-526-PN-12
(4x) power supplies ☒	PS6, TSQ 300 or LT-528-PN
power cable	503 (ordered by foot)

Fixtures
| (16x) fixtures ○ | to be specified |

| No. of fixtures: | 16 (30" spacing) |
| Total wattage: | 800 (50w per fixture) |
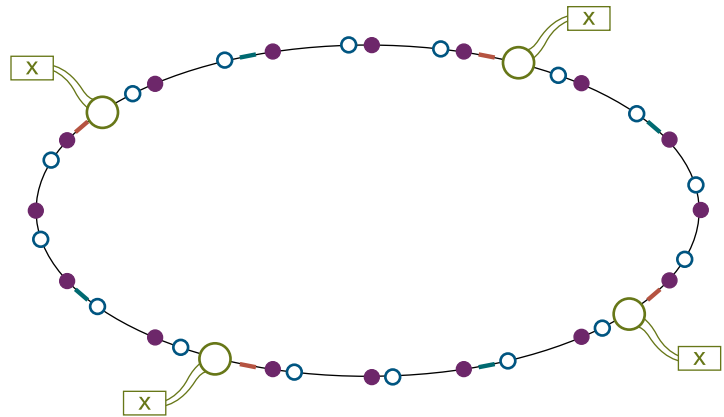
6' × 24' S-Shape in Rubbed bronze

Conductor
| (6x) Liana track 8' | LT-505-8-RB |

Couplers
| (4x) couplers | LT-512-RB |
| (3x) isolators | LT-511 |

Hardware
| (16x) ceiling anchor: stem ● | LT-309-RB-12 |

Power
(4x) power canopies ○	LT-526-RB-12
(4x) power supplies ☒	PS6, TSQ 300 or LT-528-RB
power cable	503 (ordered by foot)

Fixtures
| (16x) fixtures ○ | to be specified |

| No. of fixtures: | 14 (30" spacing) |
| Total wattage: | 700 (50w per fixture) |

12' × 15' Spiral in Polished nickel

Conductor
| (5x) Liana track 8' | LT-505-8-PN |

Couplers
| (3x) couplers | LT-512-PN |
| (2x) isolators | LT-511 |

Hardware
| (18x) ceiling anchor: stem ● | LT-309-PN-12 |

Power
| (4x) power canopies w/clip ○ | LT-509-PN |
| (3x) power supplies ☒ | PS6, TSQ 300 or LT-528-PN |
| power cable | 503 (ordered by foot) |

Fixtures
| (14x) fixtures ○ | to be specified |
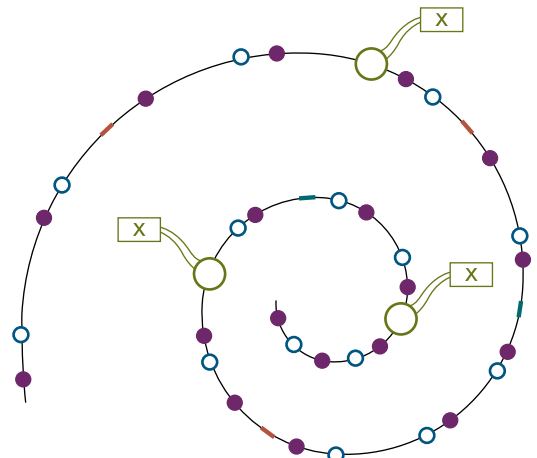
Conductor

Liana

Liana track (LT-505)
Liana track is constructed from flexible, field bendable brass alloy conductors. Standard lengths are 4' and 8'. Field cutting not recommended. Spans up to 48" between supports on straight sections. Liana track is rated for 300w at 12v and 600w at 24v. Not intended for wall mount applications.

0.2"
(5.08cm)

0.4"
(1.01cm)

Ordering code

LT	505		
Code	Model		
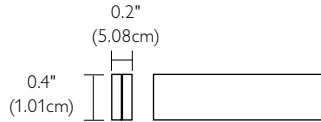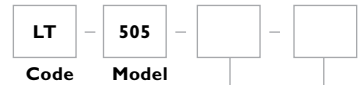
Overall length

4	**8**
4' Length	8' Length

Metal finish

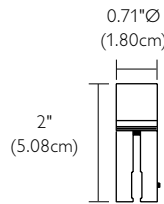| **AL***	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

*Liana track and hardware in aluminum is a plated finish.

Mounting hardware

Ceiling anchor (LT-311)
Used to attach Liana track to a ceiling. Mount every 48" maximum. Mounts to ceiling with single screw. Use one Ceiling Anchor at the apex of every curve.

0.71"Ø
(1.80cm)
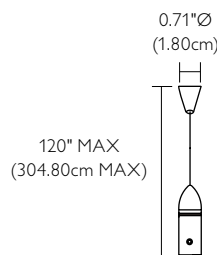
2"
(5.08cm)

Ordering code

LT	311	
Code	Model	

Metal finish

AL	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

Ceiling anchor: cable (LT-310)
Used to attach Liana track to a ceiling. Mount every 48" maximum. 10' of field adjustable aircraft cable is included. Mounts to ceiling with single screw. Only use cable mounted standoff with linear configurations of Liana Track.

0.71"Ø
(1.80cm)
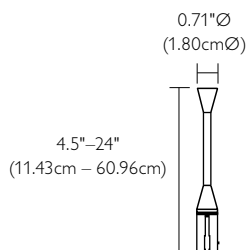
120" MAX
(304.80cm MAX)

Ordering code

LT	310	
Code	Model	

Metal finish

AL	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

Ceiling anchor: stem (LT-309)
Used to mount Liana track to a ceiling. Ceiling mount can also be used as a coupler to join two lengths of track. Mount every 48" maximum. Stem is sold in four field adjustable standard lengths. Mounts to ceiling with single screw. Use one standoff at the apex of every curve.

0.71"Ø
(1.80cmØ)

4.5"–24"
(11.43cm – 60.96cm)

Ordering code

LT	309		
Code	Model		

Metal finish

AL	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

Overall length

4.5	**12**	**16**	**24**
4.5" Length	12" Length	16" Length	24" Length

Mounting hardware

Liana

Ordering code

| LT | – | 308 | – | ☐ | – | ☐ |

Code **Model**

Metal finish

| **AL** | **PN** | **RB** |
| Satin aluminum | Polished nickel | Rubbed bronze |

Overall length

| **4.5** | **12** | **16** | **24** |
| 4.5" Length | 12" Length | 16" Length | 24" Length |

4.5"–24"
(11.43cm –
60.96cm)

1.38"
(3.50cm)
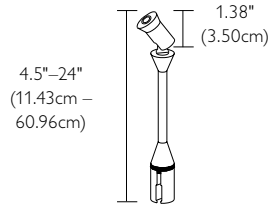
Sloped ceiling anchor (LT-308)
Used to attach Liana track to a sloped ceiling. Mount every 48" maximum. Stem is sold in four field adjustable standard lengths. Mounts to ceiling with single screw.
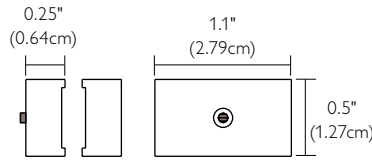
Couplers

Liana

Ordering code

| LT | – | 512 | – | ☐ |

Code **Model**

Metal finish

| **AL** | **PN** | **RB** |
| Satin aluminum | Polished nickel | Rubbed bronze |

0.25"
(0.64cm)

1.1"
(2.79cm)

0.5"
(1.27cm)

Coupler (LT-512)
Mechanically and electrically connects sections of Liana track. Note: Ceiling anchors may also be used to join two lengths of track.
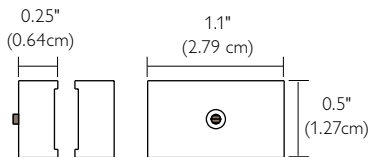
Ordering code

| LT | – | 511 | – | ☐ |

Code **Model**

Metal finish

| **WH** | **BK** |
| White | Black |

0.25"
(0.64cm)

1.1"
(2.79 cm)

0.5"
(1.27cm)

Isolator (LT-511)
Electrically isolates sections of Liana track.

Ordering code

| LT | – | 522 | – | ☐ |

Code **Model**

Metal finish

| **AL** | **PN** | **RB** |
| Satin aluminum | Polished nickel | Rubbed bronze |

1.03"
(2.62cm)

0.52"
(1.32cm)

1.03"
(2.62cm)

0.52"
(1.32cm)

0.50"
(1.27cm)
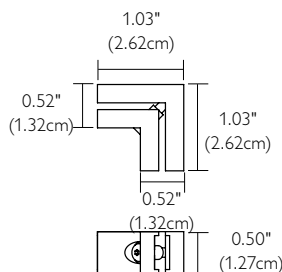
90 Degree coupler (LT-522)
Mechanically and electrically connects sections of Liana track. Used to connect two sections of Liana track at 90° angles.
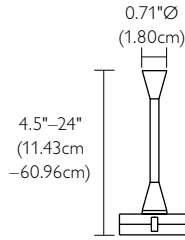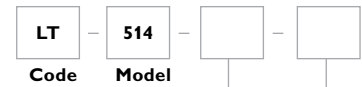
Couplers

Liana

T Connector (LT-514)
Used to make T connections.
Stem is sold in four field adjustable standard lengths. Mounts to ceiling with single screw. Does not provide electrical isolation between tracks.

0.71"Ø
(1.80cm)

4.5"–24"
(11.43cm
–60.96cm)

Ordering code

LT	–	514	–		–	
Code		**Model**				

Metal finish

AL	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

Overall length

4.5	**12**	**16**	**24**
4.5" Length	12" Length	16" Length	24" Length

Cross connector (LT-515)
Used to attach crossing perpendicular lengths of Liana track to a ceiling. Stem is sold in four field adjustable standard lengths. Mounts to ceiling with single screw. Does not provide electrical isolation between tracks.
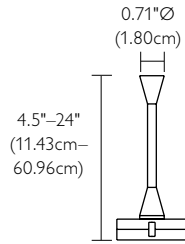
0.71"Ø
(1.80cm)

4.5"–24"
(11.43cm–
60.96cm)

Ordering code

LT	–	515	–		–	
Code		**Model**				

Metal finish

AL	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

Overall length

| **4.5**	**12**	**16**	**24**
4.5" Length	12" Length	16" Length	24" Length

Surface mount transformers

Liana

300 watt surface mount toroidal magnetic transformer (LT-528)
• U.L.-2108 Standard compliant for low voltage lighting.
• Single and dual tap options. Dual tap recommended for dimming.
• 72" power feed cable provided. Power Clip included.
• Ceiling or wall mount to 4" octagonal junction box. (May require additional backing.)
• Weight 12 lbs.

6.75"Ø
(17.15cm)

4.34"
(11.02cm)

Ordering code

LT	–	528	–		–		–	
Code		**Model**						
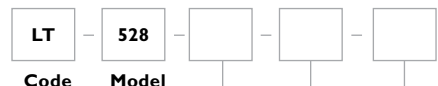
Tap

1	**2**
Single tap	Dual tap

Metal finish

AL	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Power clip finish

AL	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

250 watt surface mount ac electronic transformer: stem (LT-526)
U.L.-2108 Covers standard 4" octagonal junction box. Suitable for runs of up to 16'. Maximum distance from power supply to fixture is 8'. Stem is sold in four standard lengths and is not field adjustable.
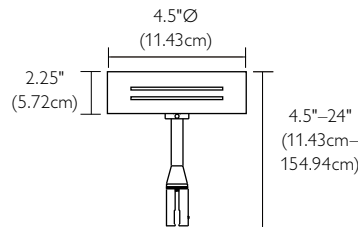
4.5"Ø
(11.43cm)

2.25"
(5.72cm)

4.5"–24"
(11.43cm–
154.94cm)

Ordering code

LT	–	526	–		–	
Code		**Model**				

Metal finish

AL	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

Overall length

4.5	**12**	**16**	**24**
4.5" Length	12" Length	16" Length	24" Length

Remote transformer power feeds

Liana

Refer to pages 2.131–2.133 for Remote Tranformer selection guide.
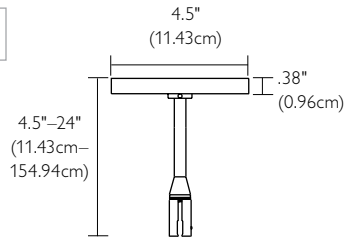
Ordering code

LT – 525 – ☐ – ☐

Code

Metal finish

AL
Satin
aluminum

PN
Polished
nickel

RB
Rubbed
bronze

Overall length

4.5
4.5" Length

12
12" Length

16
16" Length

24
24" Length

4.5"
(11.43cm)

.38"
(0.96cm)

4.5"–24"
(11.43cm–
154.94cm)

**Power canopy single
feed: stem (LT-525)**
Covers standard 4"
octagonal junction box.
Stem is sold in four
standard lengths and is
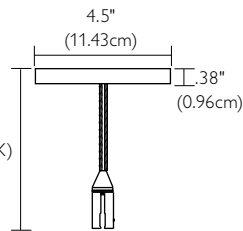not field adjustable. Power
clip(s) included.

Ordering code

LT – 509 – ☐

Code

Metal finish

AL
Satin
aluminum

PN
Polished
nickel

RB
Rubbed
bronze

4.5"
(11.43cm)

.38"
(0.96cm)

72" MAX
(182.88cm MAX)

**Power canopy single
feed: cable (LT-509)**
Covers standard 4"
octagonal junction box.
72" Power Cable leads
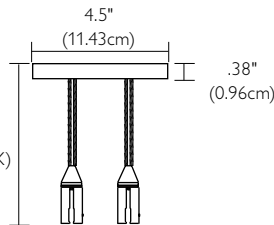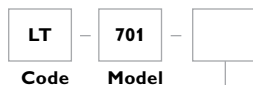provided. Power clip(s)
included. Field adjustable.

Ordering code

LT – 510 – ☐

Code

Metal finish

AL
Satin
aluminum

PN
Polished
nickel

RB
Rubbed
bronze

4.5"
(11.43cm)

.38"
(0.96cm)

72" MAX
(182.88cm MAX)

**Power canopy dual
feed: cable (LT-510)**
Covers standard 4"
octagonal junction box.
72" Power cable leads
provided. Power clip(s)
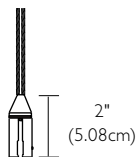included. Field adjustable.

Ordering code

LT – 701 – ☐

Code   **Model**

Metal finish

AL
Satin
aluminum

PN
Polished
nickel

RB
Rubbed
bronze

2"
(5.08cm)

Power clip (LT-701)
Connects power feed
cable to Liana Track.
72" Power cable leads
provided. Field adjustable.
Reference LT-535, above,
for connector information.

Cable

Translite low voltage

Cable's simple, uncluttered lines disappear in space – fixtures seem to float in midair.

• Wall to wall mounting
• No ceiling anchors necessary up to 35 feet
• Ideal for vaulted or ornate spaces with no ceiling access

Cable Track – Double Dip fixture

Cable Track – Microspot E fixture

Designing a cable system

Step 1. Establishing lighting priorities

When designing a Cable 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 farther away from a wall—a technique called washing—will subdue the texture of the surface. When designing your Cable 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 Cable system fulfills your lighting requirements.

Step 2. Creating your optimal design

Architecture defines how light is diffused and how the Cable 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. Cable is a classic low voltage track system that has maintained its popularity throughout the years and offers a wide variety of installation styles. With its capacity to span up to 30 feet between supports, cable fixtures give the appearance of hovering effortlessly in midair. Cable allows you to create a completely custom installation with standard components and your vivid imagination. Take a look at the following pages to find the different hardware options available for mounting and building a Cable system.

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 put the fixtures. This simple exercise will ensure that your design provides the style and the lighting you require.

Step 4. Selecting your fixtures

Cable fixtures do not simply illuminate your space, but allow 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. Refer to our Low Voltage Fixtures section to peruse the wide selection of elegant hand blown glass and precision machined metal fixtures that make Translite Systems well known for distinctive lighting.

Liana track – Rotor fixture – Sanctuary at Kiawah – Kiawah Island, SC
Photograph and Furnishings by Bauer International

Cable sample configurations
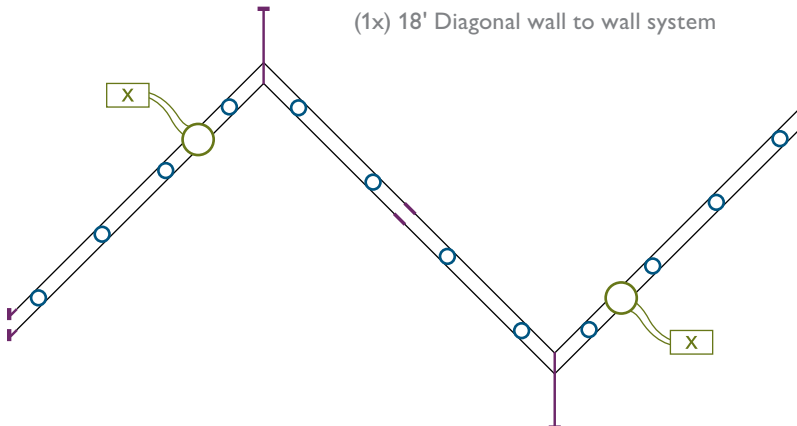
(1x) 18' Wall to wall system
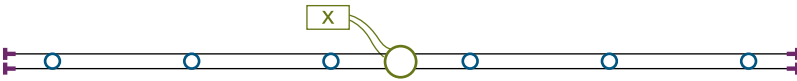
No. of fixtures:	6 (36" spacing)
Total wattage:	300 (50w per fixture)
Conductor	
(40x) Cable Track 1' (2 parallel 20' lengths)	CA-505
Hardware	
(1x) double turnbuckle set	CA-306-AL
Power	
(1x) power canopy	CA-509-AL
(1x) remote power supply	PS6 or TSQ 300
power cables	503 (ordered by foot)
Fixtures	
(6x) fixtures	to be specified

(2x) 18' Intersecting lines wall to wall system
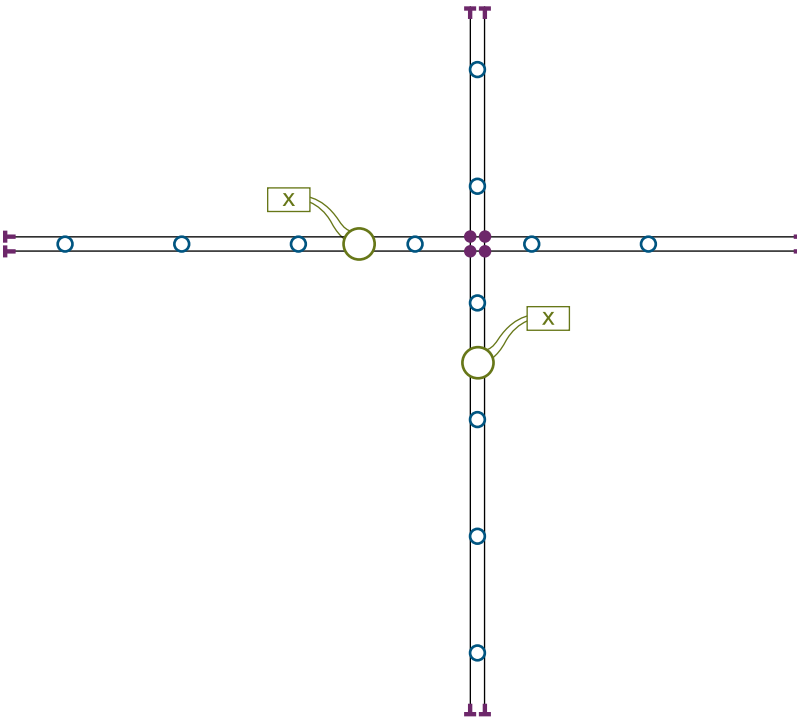
No. of fixtures:	12 (36" spacing)
Total wattage:	600 (50w per fixture)
Conductor	
(80x) Cable Track 1' (4 parallel 20' lengths)	CA-505
Hardware	
(2x) hardware set	CA-301-PN
(2x) isolating cross anchors	CA-338
Power	
(2x) power canopy	CA-509-PN
(2x) remote power supply	PS6 or TSQ 300
power cables	503 (ordered by foot)
Fixtures	
(12x) fixtures	to be specified

(1x) 18' Diagonal wall to wall system

No. of fixtures:	12 (30" spacing)
Total wattage:	600 (50w per fixture)
Conductor	
(120x) Cable Track 1' (2 parallel 60' lengths)	CA-505
Hardware	
(1x) double turnbuckle set	CA-306-AL
(2x) directional wall wands	CA-346-AL
(1x) isolating turnbuckle	CA-310-AL
Power	
(2x) power canopy	CA-509-AL
(2x) remote power supply	PS6 or TSQ 300
power cables	503 (ordered by foot)
Fixtures	
(12x) fixtures	to be specified

Conductor

Cable

Ordering code

CA	–	505	–	
Code		**Model**		

Metal finish

TN
Tin

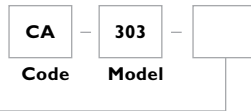**RB**
Rubbed
bronze

Conductor cable (CA-505)
8 gauge plated copper strands around a Kevlar™ core to minimize stretching. Spans up to 35' without center support. Order in 1' increments. Cable is rated for 300w at 12v, 600w at 24v. Tin Plated metal finish. 2.5" min. between surface to cable. **Note:** Order twice the run length for each system.
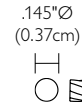
.145"Ø
(0.37cm)

Mounting hardware

Cable

Ordering code

CA	–	303	–	
Code		**Model**		

Metal finish

AL
Satin
aluminum

PN
Polished
nickel

RB
Rubbed
bronze

Stud end anchors – pair (CA-303)
Stud end anchors for Cable. Allows for low voltage power feed into front of Stud end anchor. Be sure to add turnbuckles at the other end. Comes standard with isolating plates.
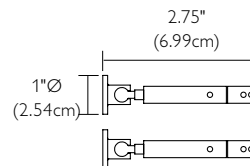
1.5"
(3.81cm)

1"Ø
(2.54cm)

Ordering code

CA	–	302	–	
Code		**Model**		

Metal finish

AL
Satin
aluminum

PN
Polished
nickel
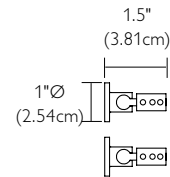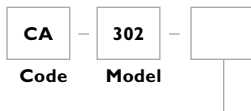
RB
Rubbed
bronze

Turnbuckle pair (CA-302)
Turnbuckles for Cable. Allows for tensioning. Comes standard with isolating plates.
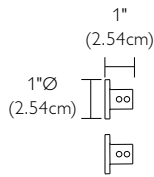
2.75"
(6.99cm)

1"Ø
(2.54cm)

Mounting hardware

Cable

Power anchor pair (CA-308)
Power Anchors, allow for invisible low voltage power feed from behind the anchors. Comes standard with isolating plates. (Junction box by others.) Consult NEC codes.
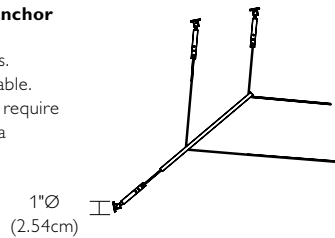
1"
(2.54cm)

1"Ø
(2.54cm)

Ordering code

CA	–	308	–	
Code		**Model**		

Metal finish

AL	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

Directional wand with wall anchor (CA-346)
Allows Cable to change directions. Includes Turnbuckle and 36" of Cable. Typically wall mounted. Does not require isolator plates when mounted to a metal surface.

1"Ø
(2.54cm)
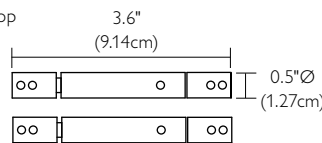
Ordering code

CA	–	346	–	
Code		**Model**		

Metal finish

AL	**PN**
Satin aluminum	Polished nickel

Conductive inline turnbuckle pair (CA-309)
Tensions Cable from center of span. Recommended option for spans over 35'. Also used to tension continuous loop configurations.

3.6"
(9.14cm)

0.5"Ø
(1.27cm)

Ordering code

CA	–	309	–	
Code		**Model**		

Metal finish

AL	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

Mounting hardware

Cable

Ordering code

CA	–	310	–	
Code		**Model**		

Metal finish

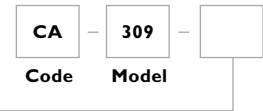| **AL**	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

Isolating inline turnbuckle pair (CA-310)
Tensions Cable from center of span. Recommended option for spans over 35'. Also used to tension continuous loop configurations.

3.6"
(9.14cm)

0.5"Ø
(1.27cm)
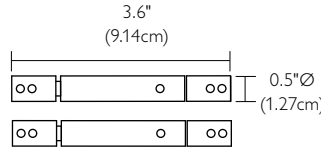
Ordering code
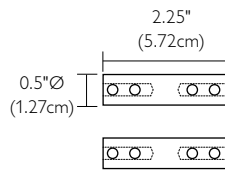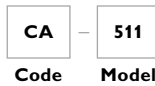
CA	–	511
Code		**Model**

Isolator pair (CA-511)
Electronically isolates sections of the Cable system. Finished in Clear Lexan.

2.25"
(5.72cm)

0.5"Ø
(1.27cm)

Ordering code

CA	–		–	
Code				

Model

812	**814**

Quantity

2	**4**

Isolating plates (CA-812, CA-814)
Use isolating plates when mounting anchors to metal surface. Specify pair of 2 or set of 4.
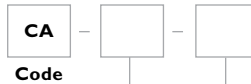   Use CA-812 when anchoring CA-317, CA-319 to metal surface
   Use CA-814 when anchoring CA-523, CA-525 to metal surface
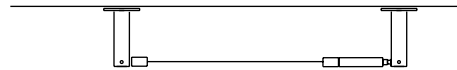
Ordering code

CA	–	319	–	
Code		**Model**		

Metal finish

AL	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

Ceiling power anchor pair (CA-319)
Power anchors for Cable. Not field adjustable.
Note: Use isolating plates CA-812-2 when mounting anchors to metal surface. **Consult NEC codes.**

3.5"Ø
(8.89cm)

6"
(15.24cm)

Ordering code

CA	–	317	–	
Code		**Model**		

Metal finish

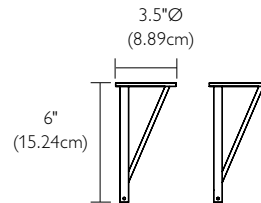| **AL**	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

Ceiling turnbuckle pair (CA-317)
Turnbuckles for Cable. Not field adjustable.
Note: Use isolating plates CA-812-2 when mounting anchors to metal surface.

3.5"Ø
(8.89cm)

6"
(15.24cm)

Mounting hardware

Cable

Ordering code

CA	–	523	–		–	
Code		**Model**				

Metal finish

AL
Satin
aluminum

PN
Polished
nickel

Overall length

12
12" length

18
18" length

24
24" length

30
30" length
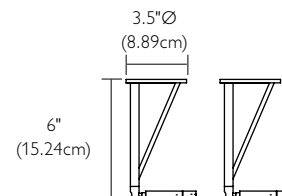
Heavy duty ceiling bracket pair (CA-523)
Allows Cable to begin span 12", 18", 24", or 30" off mounting surface. Power can be fed into the base of the anchor to energize the system.
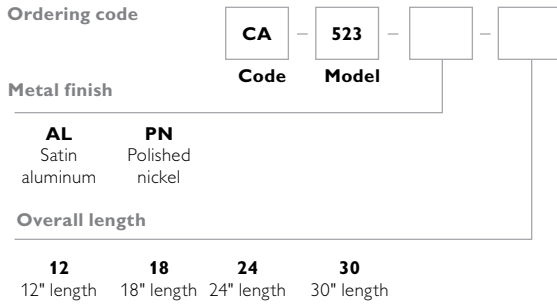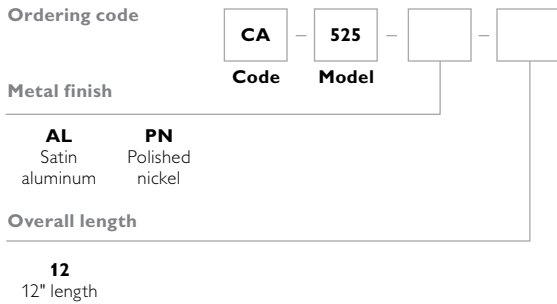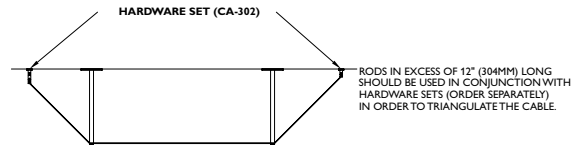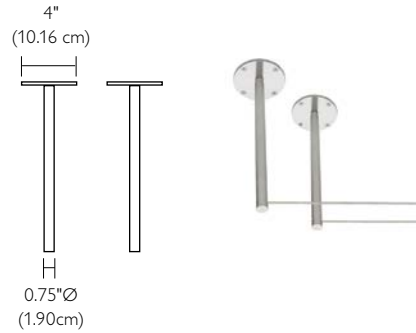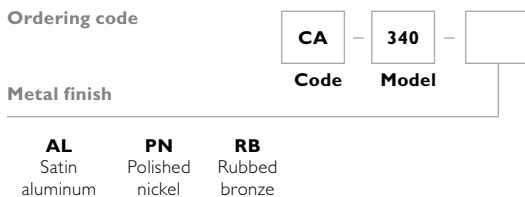**Note:** Use isolating plates CA-814-2 when mounting anchors to metal surface. Consult NEC codes.

4"
(10.16 cm)

0.75"Ø
(1.90cm)

HARDWARE SET (CA-302)

RODS IN EXCESS OF 12" (304MM) LONG SHOULD BE USED IN CONJUNCTION WITH HARDWARE SETS (ORDER SEPARATELY) IN ORDER TO TRIANGULATE THE CABLE.

Ordering code

CA	–	525	–		–	
Code		**Model**				

Metal finish

AL
Satin
aluminum

PN
Polished
nickel

Overall length

12
12" length

Heavy duty ceiling bracket turnbuckle pair (CA-525)
Allows Cable to begin span 12" off mounting surface. Turnbuckles provide additional tension. May not be used as a power feed.
Note: Use isolating plates CA-814-2 when mounting anchors to metal surface. See diagram, below right.
Consult NEC codes.

4"
(10.16cm)

0.75"Ø
(1.90cm)

RODS IN EXCESS OF 12" (304MM) LONG SHOULD BE USED IN CONJUNCTION CA-523

Ordering code

CA	–	340	–	
Code		**Model**		

Metal finish

AL
Satin
aluminum

PN
Polished
nickel

RB
Rubbed
bronze
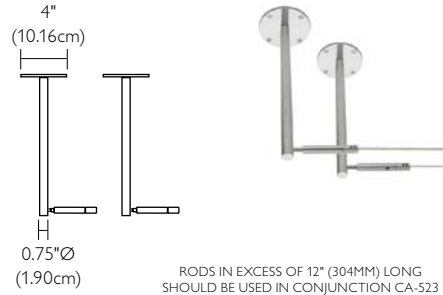
Directional ceiling bracket pair (CA-340)
Allows Cable to change directions on the plane parallel to the mounting surface. Typically ceiling mounted.

Note: Use isolating plates CA-812-2 when mounting anchors to metal surface.

3.5"Ø
(8.89cm)

6"
(15.24cm)

Ordering code

CA	–	350	–	
Code		**Model**		

Metal finish

AL
Satin
aluminum

PN
Polished
nickel
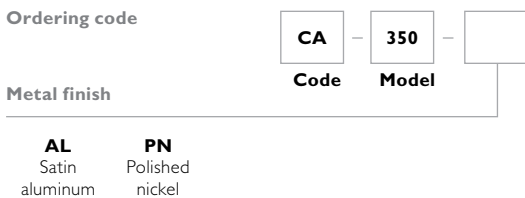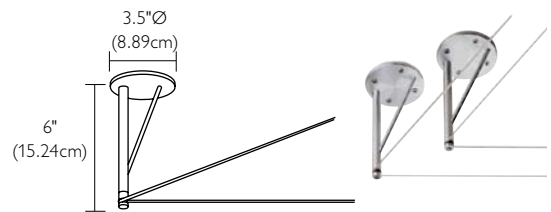
Directional ceiling bracket wand (CA-350)
Allows Cable to change directions. Includes Turnbuckle and 36" of Cable. Allows cable to begin span 6" from surface. Does not need isolating plates when mounted to a metal surface.

3.5"Ø
(8.89cm)

6"
(15.24cm)
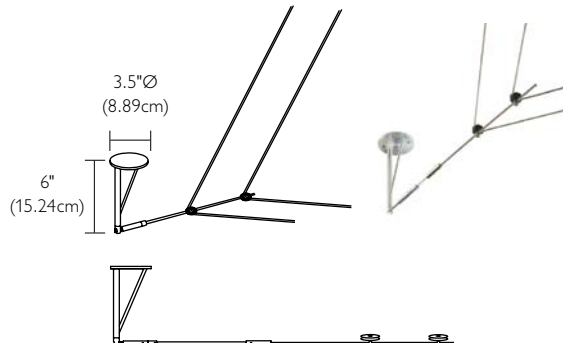
Mounting hardware

Cable

Ordering code

| CA | – | | – | 360 | – | |

Code   **Model**

Bridge

4   **6**
4" Bridge   6" Bridge

Metal Finish

AL   **PN**   **RB**
Satin   Polished   Rubbed
aluminum   nickel   bronze

Support bar (CA-360)
Supports Cable. Recommended option for spans over 35'. Includes 10' of 1/16" aircraft cable. Ceiling mounted. Support bar is clear Lexan™. Ceiling supports may be required for heavy fixtures on runs less than 35'.

1.25"Ø
(3.16cm)

4" or 6"
(10.16cm or 15.24cm)
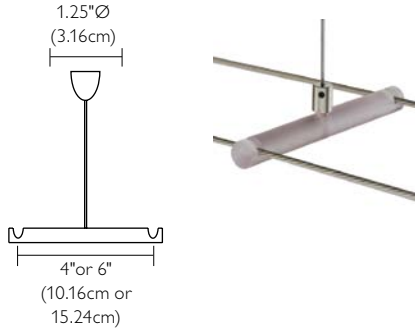
Ordering code

| CA | – | | – | 362 | – | |

Code   **Model**

Bridge

4   **6**
4" Bridge   Polished
                  nickel

Metal finish

AL   **PN**
Aluminum   Polished
                  nickel

Spacer bar (CA4-362, CA6-362)
Allows Cable to maintain a 4" or 6" spacing when anchors cannot be placed at the proper spacing.
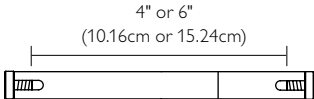
4" or 6"
(10.16cm or 15.24cm)

Remote transformer power feeds

Cable

Refer to pages 2.131–2.133 for remote tranformer selection guide.

Power bolt pair (CA-507)
Connects power feed
Cable to the Cable system.

0.375"Ø
(0.95cm)

0.75"
(1.90cm)

Ordering code

Metal finish

CA	–	507	–	
Code		**Model**		

AL	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

Cross jumpers pair (CA-537)
Secures and electrically connects Cables crossing at 90°.

3.8"Ø
(9.65cm)

1"
(2.54cm)

Ordering code

Metal finish

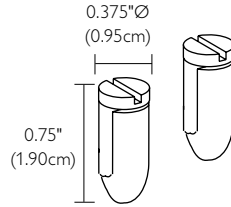| CA	–	537	–	
Code		**Model**		
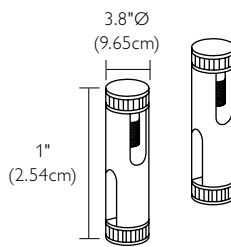
AL	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

Cross Isolators Pair (CA-338)
Secures and electrically isolates Cables crossing at 90°. Isolators constructed from clear Lexan™. Bolt heads available in aluminum, Polished nickel or Rubbed bronze.

3.8"Ø
(9.65cm)

1"
(2.54cm)

Ordering code

Metal finish

CA	–	338	–	
Code		**Model**		
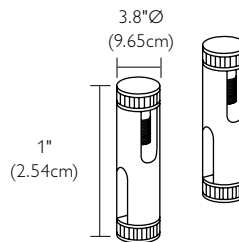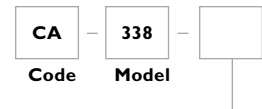
AL	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

Power plate (CA-508)
Covers standard single gang box and delivers low voltage power from remote transformer to the Cable system. Single feed only. 36" power cable leads and power bolts provided. Typically wall mounted.

5.25"
(13.34cm)

3.5"
(8.89cm)

Ordering code

Metal finish

CA	–	508	–	
Code		**Model**		

AL	**PN**
Satin aluminum	Polished nickel

Remote transformer power feeds

Cable

Refer to pages 2.131–2.133 for remote tranformer selection guide.

Ordering code

CA	509	–
Code	**Model**	

Metal finish

AL
Satin
aluminum

PN
Polished
nickel

RB
Rubbed
bronze

**Power canopy
single feed (CA-509)**
Covers standard 4" octagonal
junction box. 72" power cable
leads and power bolts provided.
Typically ceiling mounted. Power
bolts included.

4.5"Ø
(11.43cm)

Ordering code

CA	510	–
Code	**Model**	

Metal finish

AL
Satin
aluminum

PN
Polished
nickel
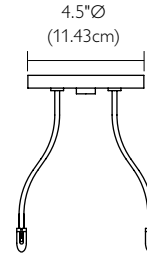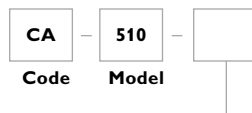
RB
Rubbed
bronze

**Power canopy
dual feed (CA-510)**
Covers standard 4" octagonal
junction box. 72" power cable leads
and power bolts provided. Typically
ceiling mounted. Power bolts
included.

4.5"Ø
(11.43cm)
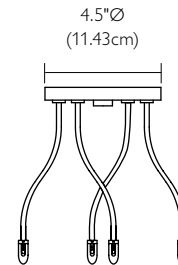
Surface mount transformers

Cable

Ordering code
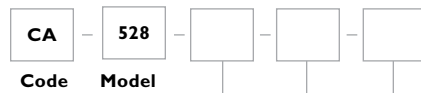
CA	528	–	–	–
Code	**Model**			

Tap

1
Single tap

2
Dual tap

Metal finish

AL
Satin
aluminum

PN
Polished
nickel

RB
Rubbed
bronze

Power bolt finish

AL
Satin
aluminum

PN
Polished
nickel

RB
Rubbed
bronze

WH
White

GB
Gloss
black

6.75"Ø
(17.15cm)

4.34"
(11.02cm)
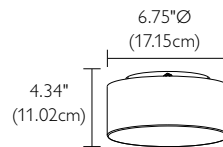
**300 watt surface mount
toroidal magnetic transformer (CA-528)**
• U.L.-2108 Standard compliant for low
  voltage lighting.
• Single and dual tap options.
  Dual tap recommended for dimming.
• 72" power feed cable provided.
  Power bolts included.
• Ceiling or wall mount to 4" octagonal junction box.
  (May require additional backing.)
• Weight 12 lbs.

Twin Rail

Translite low voltage

Twin Rail is a rigid decorative low voltage track system of parallel lines that enhance interiors with straight runs, curved designs, or concentric circles.

• Factory bendable for curved applications
• Maintains the slim appearance of cable
• A decorative enhancement for interiors

Twin Rail – Pippa pendant – San Francisco, CA

Designing a Twin Rail system

Step 1. Establishing lighting priorities

When designing a Twin Rail 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 farther away from a wall—a technique called washing—will subdue the texture of the surface. When designing your Twin Rail 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 Twin Rail system fulfills your lighting requirements.

Step 2. Creating your optimal design

Architecture defines how light is diffused and how the Twin Rail 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. Twin Rail offers the classic appearance of a low voltage cable suspension system with an inherent rigidity that allows for bending. Twin Rail may be suspended from ceiling or wall surfaces. Use Twin Rail for linear and angled runs or have the factory bend the dual conductors into intricate curves and complicated architectural shapes. Twin Rail allows you to create a completely custom installation with standard components and your vivid imagination. Take a look at the following pages to find the different hardware options available for mounting and building a Twin Rail system.

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 put the fixtures. This simple exercise will ensure that your design provides the style and the lighting you require.

Step 4. Selecting your fixtures

Twin Rail fixtures do not simply illuminate your space, but allow 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. Refer to our Low Voltage Fixtures section to peruse the wide selection of elegant hand blown glass, fabric and precision machined metal fixtures that make Translite Systems well known for distinctive lighting.

Twin Rail – custom antique brass finish
Microspot D fixture – Hampton, CT
Architect: Dennis Wedlick / Interior Design: Julia Doyle

Twin Rail sample configurations

8' diameter circle – 36" drop
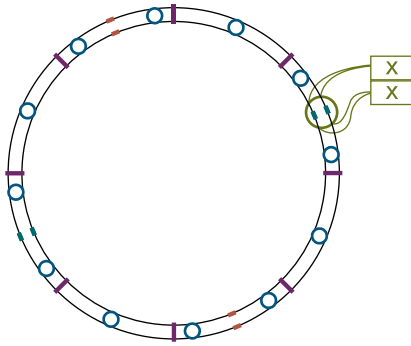
No. of fixtures:	12 (24" spacing)
Total wattage:	600 (50w per fixture)

Conductor

(8x) Twin Rail 8'	TR8-505-AL

Couplers

(4x) couplers	TR-512-AL
(2x) isolators	TR-511-AL

Hardware

(8x) ceiling anchor: stem	TR4-309-AL-36

Power

(1x) power feed double	TR-510-AL
(1x) remote power supplies	TSQ 600
power cable	503 (ordered by foot)

Fixtures

(12x) fixtures	to be specified

12' diameter circle – 6" drop
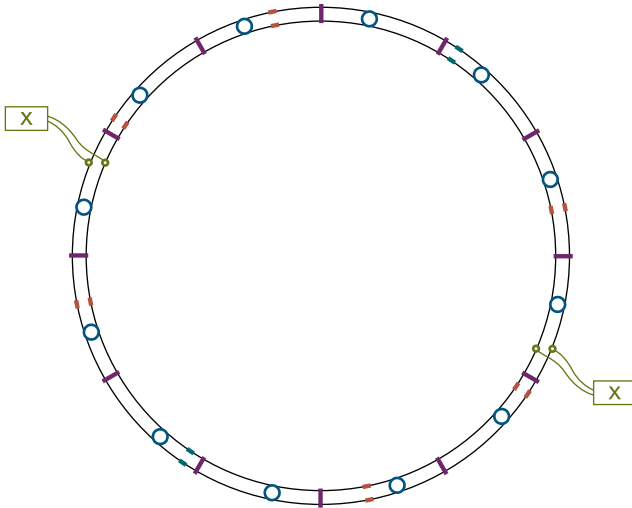
No. of fixtures:	12 (36" spacing)
Total wattage:	600 (50w per fixture)

Conductor

(12x) Twin Rail 8'	TR8-505-PN

Couplers

(6x) couplers	TR-512-PN
(2x) isolators	TR-511-PN

Hardware

(12x) ceiling anchor: stem	TR4-309-PN-6

Power

(2x) power bridges	TR4-530-PN-6
(2x) remote power supplies	PS6 or TSQ 300
power cable	503 (ordered by foot)

Fixtures

(12x) fixtures	to be specified

8' × 12' rectangle – 24" drop
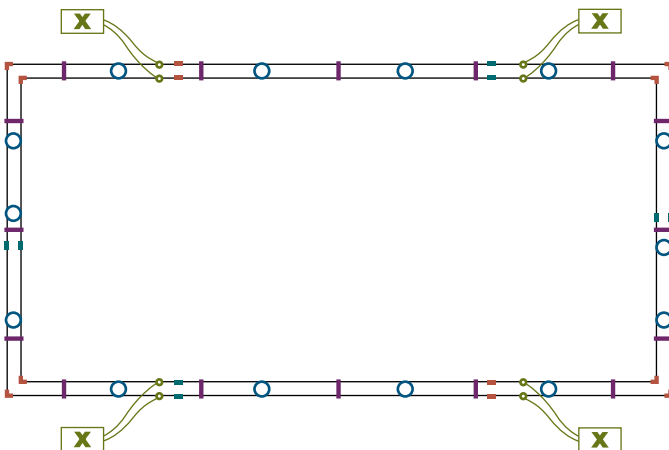
No. of fixtures:	18 (30" spacing)
Total wattage:	900 (50w per fixture)

Conductor

(8x) Twin Rail 8'	TR8-505-PN
(4x) Twin Rail 4'	TR4-505-PN

Couplers

(2x) couplers	TR-512-PN
(4x) adjustable couplers	TR-513-PN
(4x) isolators	TR-511-PN

Hardware

(16x) ceiling anchor: cable	TR4-310-PN

Power

(4x) power feeds	TR-509-PN
(4x) remote power supplies	PS6 or TSQ 300
power cable	503 (ordered by foot)

Fixtures

(14x) fixtures	to be specified

Conductor

Twin Rail

Consult the factory for estimates on curved runs. Be sure to order twice the run length.

Twin Rail (TR-505)
The conductor is an extruded metal round tube. Standard lengths are 4' and 8'. Bendable at the factory to 18" radius. Field adjustable. Spans up to 42" between supports. Twin Rail is rated for 300w at 12v and 600w at 24v.
Note: Order twice the run length for each system.

0.3125"∅
(0.7937cm)

Ordering code

TR		–	505	–	
	Code		**Model**		

Tap

4	**8**
4' length	8' length

Metal finish

AL	**PN**
Aluminum	Polished nickel

Endcap pair (TR-808)
Decorative caps to cover end of Twin Rail.

0.75"
(1.90cm)

0.3125"∅
(0.7937cm)

0.31"
(0.79cm)

Ordering code

TR	–	808	–	
	Code	**Model**		
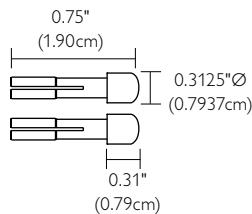
Metal finish

AL	**PN**
Aluminum	Polished nickel

Mounting hardware

Twin Rail

Ceiling anchor: Cable (TR-310)
Supports ceiling mounted Twin Rail with field adjustable aircraft cable. Supplied with 10' of cable and bridge. If longer cable length is desired, consult factory. Mounts every 42".

5"
(12.7cm)

Ordering code

TR		–	310	–	
	Code		**Model**		

Bridge

4	**6**
4" Bridge	6" Bridge
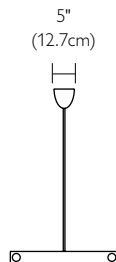
Metal finish

AL	**PN**
Aluminum	Polished nickel

Ceiling anchor: stem (TR-309)
Supports ceiling mounted Twin Rail with rigid stem. Supplied with field adjustable stem and bridge. If longer stem length is desired, consult factory. Maximum stem length is 72". Mount every 42".

1.5"
(3.81cm)

6"-72"
(15.24cm–
182.88cm)

Ordering code

TR		–	309	–		–	
	Code		**Model**				

Bridge

4	**6**
4" Bridge	6" Bridge

Metal finish

AL	**PN**
Aluminum	Polished nickel

Length

4"-72"
Specify length

Couplers

Twin Rail

Ordering code

TR	–	512	–	
Code		**Model**		

Metal finish

AL
Aluminum
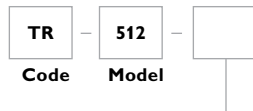
PN
Polished
nickel

Coupler pair (TR-512)
Mechanically and electrically connects sections of Twin Rail.

2.5"
(6.35cm)

0.3125"
(0.7937cm)

0.31"
(0.79cm)
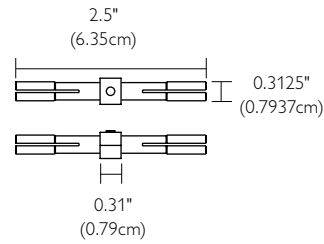
Ordering code

TR	–	511
Code		**Model**

Isolator pair (TR-511)
Electrically isolates sections of Twin Rail.

0.375"
(0.95cm)

0.3125"
(0.7937cm)

0.25"
(0.64cm)

Ordering code

TR	–	513	–	
Code		**Model**		

Metal finish

AL
Aluminum
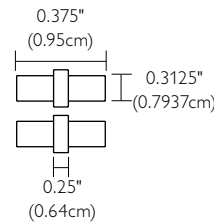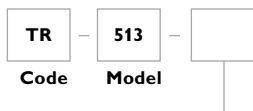
PN
Polished
nickel

Adjustable coupler pair (TR-513)
Mechanically and electrically connects sections of Twin Rail. Allows for up to 180° adjustment.

3"
(7.62cm)

0.3125"
(0.7937cm)

1"
(2.54cm)
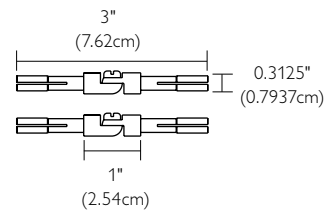
Surface mount transformers

Twin Rail

300 watt surface mount toroidal magnetic transformer (TR-528)
• U.L.-2108 Standard compliant for low voltage lighting.
• Single and dual tap options. Dual tap recommended when dimming.
• 72" Power Feed Cable provided. Power Bolts included.
• Ceiling or wall mount to 4" octagonal junction box. (May require additional backing.)
• Weight 12 lbs.

6.75"Ø
(17.15cm)

4.34"
(11.02cm)

Ordering code

TR	–	528	–		–		–	
Code		**Model**						

Tap

1
Single tap

2
Dual tap
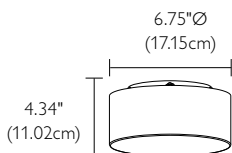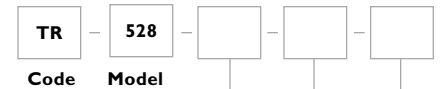
Metal finish

| **AL**
Satin aluminum | **PN**
Polished nickel | **RB**
Rubbed Bronze | **GB**
Gloss black | **WH**
White |

Power clip finish

AL
Aluminum

PN
Polished nickel

Remote transformer power feeds

Twin Rail

Refer to pages 2.131–2.133 for remote tranformer selection guide.

Ordering code

TR		–	530	–		–	
Code			**Model**				

Bridge

4
4" Bridge

6
6" Bridge

Metal finish

AL
Aluminum

PN
Polished nickel

Length

6"-72"
Specify length

Power Bridge: Stem (TR-530)
Covers standard 4" octagonal junction box. Typically ceiling mounted. Supplied with 6" stem. If longer stem length is desired, add total length to part number. Max. 72" drop.

4.5"
(11.43cm)

6"-72"
(15.24cm–182.88cm)
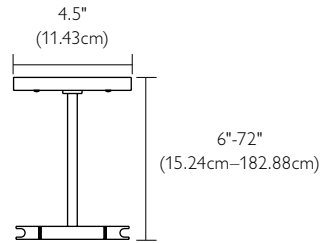
Ordering code

TR	–	509	–	
Code		**Model**		

Metal finish

AL
Aluminum

PN
Polished nickel

Single power canopy: cable (TR-509)
Covers standard 4" octagonal junction box. 72" power cable leads and power bolts included. Typically ceiling mounted.

4.5"
11.43cm

6"-72"
(15.4cm–182.88cm)
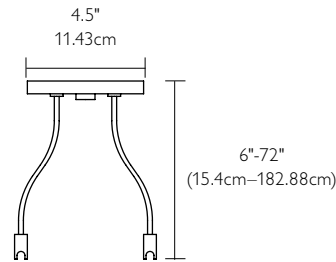
Ordering code

TR	–	510	–	
Code		**Model**		

Metal finish

AL
Aluminum

PN
Polished nickel

Double power canopy: cable (TR-510)
Covers standard 4" octagonal junction box. 72" power cable leads and power bolts included. Typically ceiling mounted.

4.5"
11.43cm

6"-72"
(15.4cm–182.88cm)
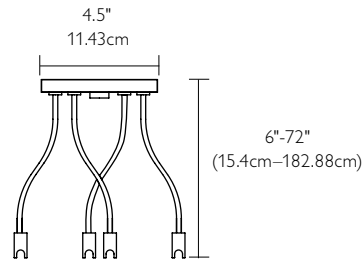
Ordering code

TR	–	507	–	
Code		**Model**		

Metal finish

AL
Aluminum

PN
Polished nickel

Power bolt pair (TR-507)
Connects power feed cable to Twin Rail. Reference TR-535, above, for connector information.
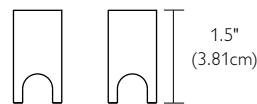
1.5"
(3.81cm)

Remote transformer power feeds

Twin Rail

Refer to pages 2.131–2.133 for remote tranformer selection guide.

Power bracket pair (TR-523)
Supports Twin Rail and allows for invisible low voltage power feed behind brackets. Field adjustable. 300w max. 6" stem provided. If longer stem length is desired. Max. 72" drop. (Junction box by others.)
Note: Use Isolating Plates TR-811 when mounting anchors to a metal surface.

1.5"Ø
(3.81cmØ)

6"-72"
(15.4cm–182.88cm)

Ordering code

TR	–	523	–		–	
Code		**Model**				

Metal finish

AL
Satin aluminum
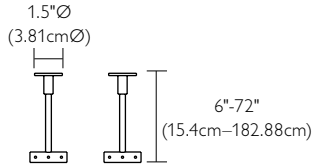
PN
Polished nickel

Stem length

6"- 72"
Specify length

Power anchor pair (TR-514)
Allows Twin Rail to be anchored directly to surface and provides for invisible low voltage power feed behind power anchors. Typically wall mounted.
(Junction box by others.)
Note: Use Isolating Plates TR-811 when mounting anchors to a metal surface.

1.5"Ø
(3.81cmØ)

1.25"
(3.18cm)

Ordering code

TR	–	514	–	
Code		**Model**		

Metal finish

AL
Satin aluminum
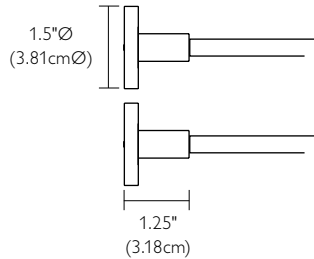
PN
Polished nickel

Isolator plate pair (TR-811)
Electrically isolates power brackets and power anchors from any surface. Made of clear polycarbonate.

1.5"Ø
(3.81cmØ)
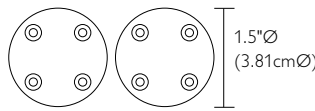
Ordering code

TR	–	811
Code		**Model**

Monopoints

Translite low voltage

Creative harmony with interchangeable components.

Transjack. Select a canopy. Select a fixture. Ultimate interchangeability.

Translite's selection of monopoints feature Transjack, a seamless connector that allows you to select a variety of pendants and adjustable fixtures to create the perfect fixture and canopy combination for your application.

Low voltage Monopoint canopies

Ceiling applications

10"   5"   2"   2"

Wall
Applications

2"

2"

5"
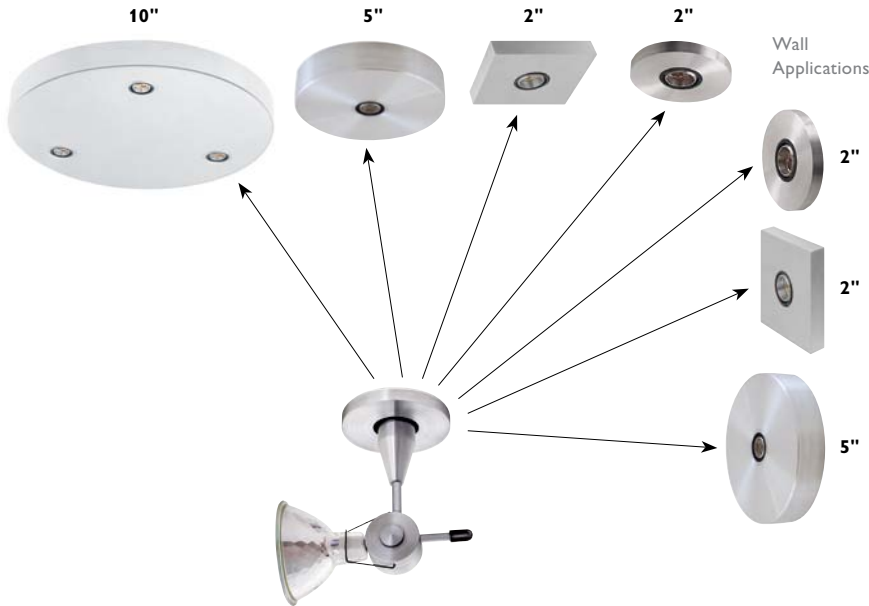
Welcome to Transjack and welcome to versatility!

Our monopoints use the Transjack Connector. Transjack allows Translite Systems low voltage fixtures to be used interchangeably with several monopoint canopies in both wall and ceiling applications. The steps are easy.

1. Choose a canopy. Size and finish vary. Choose a transformer option that is compatible with your lamp type.

2. Choose from 50 different fixtures (metal, fabric or glass) and select **"NS"** as your system option. The fixture comes complete with a Transjack connector.

3. Canopy and fixture are easily assembled in the field by simply snapping the Transjack connector in place and tightening by hand.

Single canopy (MPT1A)
4.75" Round Canopy. Mounts to a standard 4" octagonal junction box (by others). For use with one Transjack enabled fixture. Fixture not included.

4.75"Ø
(12.06cmØ)

1"
(2.54cm)

Ordering code   MPT1A – ☐ – ☐

Code

Transformer

| **N1**	**R**	**L1**
integral 120V (60 watt 12V electronic transformer)	remote	Integral 120V for LED lamps (35W max. 12V electronic transformer for use with LED Lamps)

Metal finish

AL	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

---

Triple canopy (MPT3A)
10" Round canopy. Mounts to a standard 4" octagonal junction box (by others). For use with three Transjack enabled fixtures. Fixtures not included.

1"
(2.54cm)

10"Ø
(25.4cmØ)

Ordering code   MPT3A – ☐ – ☐

Code

Transformer

N1	**R**	**L1**
integral 120V (Three 60 watt 12V electronic transformer)	remote	Integral 120V for LED lamps (35W max. 12V electronic transformer for use with LED Lamps)

Metal finish

AL	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Low voltage Monopoint canopies

2" Canopy - new construction

The 2" inch canopy features fine details, quality engineering and minimalist lines. Compatible with ceiling or wall thickness up to 1.88" thick. Each 2" canopy consists of two separately ordered components: the 2" Canopy Housing and the 2" Canopy Trim. Fixture not included.

2" Canopy housing and trim (MPT1-S-H)
• For ceiling and wall applications, perfect for commercial and residential applications
• Compatible with ceiling or wall thickness up to 1.88" thick
• Bar hanger provides quick installation in suspended grid ceilings
• Remote or integral transformer
• Serviceable from below ceiling
• Features Transjack connector with 24kt locking pin and sleeve connector
• UL listed for direct contact with insulation
• UL certified for through branch circuit wiring

Without trim

With trim

Ordering code	MPT1	–	S	–	H	–		–		–	

Code

Transformer

N1	**R**	**L1**
integral 120V (Three 60 watt 12V electronic transformer)	remote	Integral 120V for LED lamps (35W max. 12Velectronic transformer for use with LED Lamps)

Trim style

R	**S**
Round	Square

Metal finish

AL	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

3.375" (8.57cm)   3.5" (8.89cm)

7.375" (18.73cm)

2.6" (6.60cm)

Low voltage Monopoint canopies

2" Canopy - remodel

The 2'' inch remodel canopy shares all the aesthetic features of the new construction canopy, but is designed for post construction lighting applications. Compatible with ceiling or wall thickness up to 1'' for the integral version and 1.75'' for the remote version. Fixture not included.

2" Canopy: integral transformer (MPT1-S-N)

• Unit features an integral wiring chamber, swing arm clamps to secure canopy.

• Canopy is powered with 60 watt integral 12 volt electronic transformer. 120 volt.

• Ceiling or wall mount requires only 4.5" of clearance

• Installs in surfaces up to 1" thick

• UL listed for direct contact with insulation

5.44" (13.82cm)

4.18" (10.61cm)

2.25"Ø (5.72cmØ)

Ordering code   MPT1 – S – ☐ – ☐ – ☐ – ☐

Transformer   **Code**

N	L
integral 120V (One 60 watt 12V electronic transformer)	Integral 120V for LED lamps (35W max. 12V electronic transformer for use with LED Lamps)

Voltage

1
120V

Trim style

R	S
Round	Square

Metal finish

AL	PN	RB	GB	WH
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

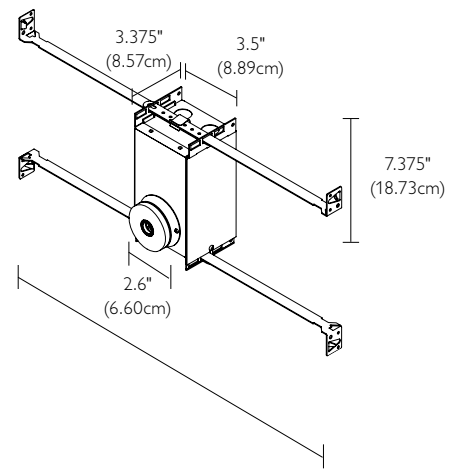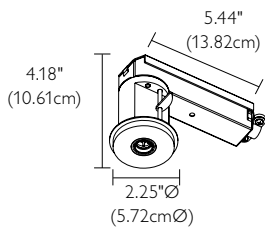**Minimum OAL when using:**

Microspot D	Microspot G	Retro 16
8.0"	**9.0"**	**10.0"**

2" Canopy: remote transformer (MPT1-S-R)

• Unit features an integral wiring chamber, swing arm clamps to secure canopy

• Ceiling or wall mount requires only 3.5" of clearance

• Installs in surfaces up to 1.75" thick

• UL listed for direct contact with insulation

• Should be used with a magnetic transformer when powering LED lamps.

1.75"Ø (4.45cmØ)

3.47" (8.81cm)

2.25"Ø (5.72cmØ)

Ordering code   MPT1 – S – R – ☐ – ☐

Trim style

R	S
Round	Square

Metal finish

AL	PN	RB	GB	WH
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Minimum OAL when using:

Microspot D	Microspot G	Retro 16
8.0"	**9.0"**	**10.0"**

Low voltage Monopoint accessories

Ordering code

| **TJ** | – | **CA** | – | |

Metal finish

Code

| **AL** | **PN** | **RB** | **GB** | **WH** |
| Satin aluminum | Polished nickel | Rubbed bronze | Gloss black | White |

2.88"
(7.32cm)

Transjack sloped ceiling adapter (TJ-CA)
• Adjusts fixture drop from 0-90 degrees for sloped ceiling applications
• Lockable stem rotates 360 degrees

Ordering code

| **TJ** | – | **SA** | – | | – | |

Code

Overall length

6" -16"
Specify length

Metal finish

| **AL** | **PN** | **RB** | **GB** | **WH** |
| Satin aluminum | Polished nickel | Rubbed bronze | Gloss black | White |

6"–16"
(15.24 – 40.64cm)

Transjack sconce adapter (TJ-SA)
• Provides an additional 90 degree articulation for pivoting fixtures
• Lockable stem rotates 360 degrees
• Not for use with Basis Wall

300 watt transformer – 6 x 50w output
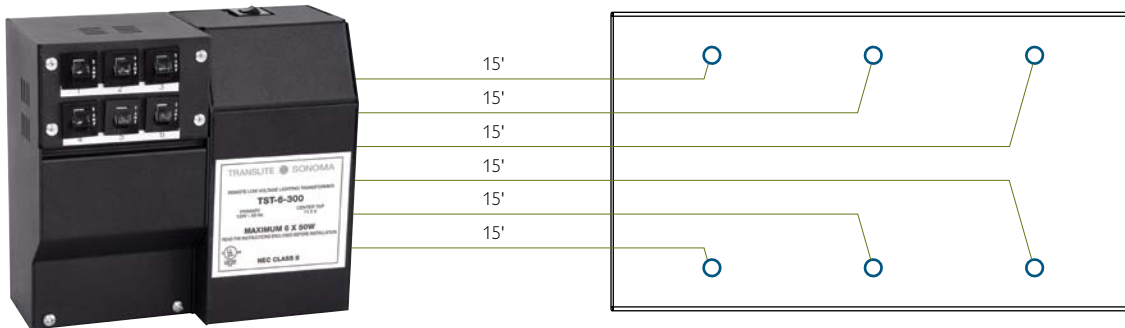
EZ-6 Single 120v input six 50 watt output transformer. The EZ-6 transformer features class II wiring and six 50 watt outputs that allow for simple installations.

By supplying each fixture with an equal amount of power cable from the remote mounted transformer, the EZ-6 ensures that the light output from the fixtures will be even and consistent. (Refer to voltage drop chart for wiring information on page 2.131.)

3"
(7.62cm)

6.38"
(16.21cm)

7"
(17.78cm)
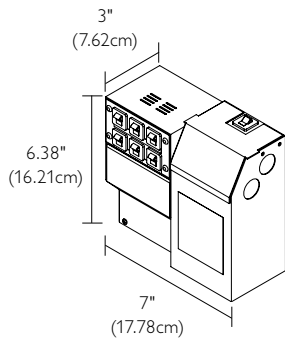
No. of fixtures:	6 (15' power cable each)
Total wattage:	300 (50w per fixture)
Power	
Remote power supply	TST-6-300
(6x) 15' power cable	See voltage drop chart page 2.131
Fixtures	
(6x) fixtures	Translite Systems monopoint with compatible fixture

300 watt remote mount magnetic power supply (TST-6-300)

- Single 120v input with six 50 watt class II low voltage outputs
- Remote mount transformer must be installed in a vertical orientation in an accessible area
- May be fully loaded for 300 watts
- Single primary tap design. Refer to voltage drop chart for wiring information on page 2.131
- Compatible with low voltage magnetic dimmers
- Fast acting circuit breakers on each secondary output provides protection against short circuit

Note: NEC class 2 wiring methods are less restrictive than class 1 and typically do not require the use of conduit and junction boxes. (Local codes may vary.) This can substantially reduce the cost of installation.

Ordering code

| TST | – | 6 | – | 300 |

Code

Translite

Low voltage fixtures and pendants

An arresting selection of premium luminaires. Flawless metal luminaires that come from precision machining. Elegant silk and sheer fabric shades scaled for visual impact. Intricate, hand-blown glass for unparalleled depth of color and light. Refined Fixtures, Handcrafted Fabric & Glass.

Basis Track with Retro Glass and Mini Solmon Pendants
Photographer: Andy Ahart

Transjack

MR16 Open downlight

All Translite Systems low voltage fixtures and pendants are represented by an approximate overall length in the ordering code. Overall length is measured from the bottom of the track or monopoint to the bottom of the fixture or pendant. To calculate the exact distance from the bottom of the track to the bottom of the fixture, add the measurement of the system connector to the length of the fixture (not required for monopoints).

Transjack system connectors

Transjack is a universal connector that allows Translite Systems fixtures to be used interchangeably among our low voltage systems. Transjack system connector may be ordered with the fixture or separately.

- To order a fixture with a Transjack system connector, simply include the track system as part of the fixture ordering code. The Transjack system connector will be included with the fixture.

- To order a standalone fixture without a system connector, specify "NS" as your system option.

Basis wall system connector (16" max cantilever)

Basis ceiling system connector

Liana system connector

Cable system connector

Twin Rail system connector

Ordering code [ ] – **SC** – [ ]

System

CA4	CA6	LT	TR6	BT	BTW
4" cable system connector	6" cable system connector	Liana system connector	6" twin rail system connector	Basis system connector	Basis wall system connector

Metal finish

AL	PN	WH*	RB	GB*
Aluminum	Polished nickel	White	Rubbed bronze	Gloss black

*Available for BTC and BTW only.

	Basis & Basis wall	Cable & twin rail	Liana	NS
System connector measurement	0.38"	0.63"	0.94"	0"

Transjack universal pendant connector (TJ-UNV)

The connector allows virtually any pendant to be mounted to a Translite Sonoma low voltage system. It is field adjustable and connects to our monopoint canopies and track systems (system connector ordered separately).

- Accepts both two wire and coaxial style cords
- Maximum weight for pendants: 5lbs.

Code

Ordering code **TJ** – **UNV** – [ ]

Metal finish

AL	PN	RB	GB*	WH*
Aluminum	Polished nickel	Rubbed bronze	Gloss black	White

*Available for BTC and BTW only.

2" (5.08cm)

Transjack sloped ceiling adapter (TJ-CA)

- Adjusts fixture drop from 0-90 degrees for sloped ceiling applications.
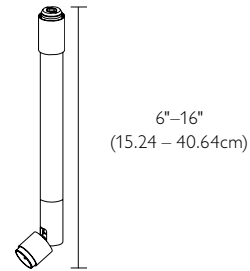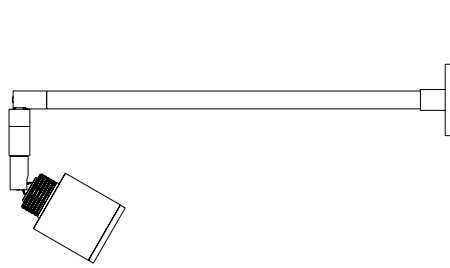- Lockable stem rotates 360 degrees.

Code

Ordering code **TJ** – **CA** – [ ]

Metal finish

AL	PN	RB	GB*	WH*
Aluminum	Polished nickel	Rubbed bronze	Gloss black	White

*Available for BTC and BTW only.

2.88" (7.32cm)

Transjack sconce adapter (TJ-SA)

- Provides an additional 90° articulation for pivoting fixtures.
- Lockable stem rotates 360°.

* Not available with Basis wall system.

Ordering code **TJ** – **SA** – [ ] – [ ]

Overall length

6" – 16" Specify length

Metal finish

AL	PN	WH*	RB	GB*
Aluminum	Polished nickel	White	Rubbed bronze	Gloss black

*Available for BTC and BTW only.

6"–16" (15.24–40.64cm)

Transjack double connector

Step 1 – Order double connector
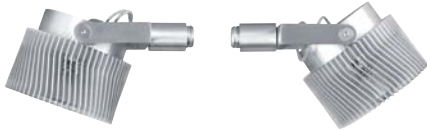
Step 2 – Order fixtures
with Standard Length (ST) and
No System Connector (NS)
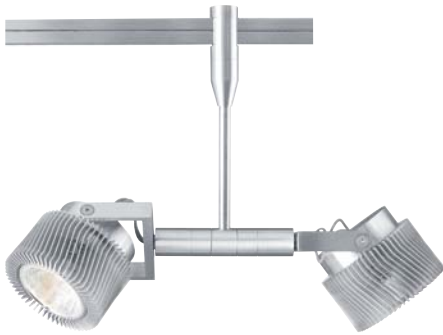
Step 3 – Attach fixtures to double connector

*Available for BTC and BTW only.

• The Transjack double connector allows two Transjack compatible fixtures to be mounted
  at a single point on any system or monopoint.
• Full articulation on both fixtures.

1. Specify a system option for the double connector or select "NS" to mount to
a monopoint.[1]

2. Select the two fixtures of your choice and specify "NS" for No System Connector. Your
fixtures jack directly into the Double Connector.[2]

Ordering code		TJ	–	DC	–	☐	–	☐	–	☐

System

CA4	**CA6**	**TR4**	**TR6**	**BT**	**LT**	**NS**
4" Cable	6" Cable	4" Cable	6" Twin Rail	6" Twin Rail	Liana	No System Connector

Length (overall drop)

ST	**6" - 72"**
5" Standard length	Specify length

Metal finish

AL	**PN**	**WH***	**RB**	**GB***
Aluminum	Polished nickel	White	Rubbed bronze	Gloss black

1. When mounting to a Monopoint, check wattage load.

2. Fixtures mounted to TJ-DC must be standard length (ST). Not
   recommended for wall applications. Consult factory for variations.

Gallery series

The Translite Systems Gallery series features a modular fixture design that accommodates MR-16 and AR111 lamps with a wide array of features and an extensive selection of accessories. Combining a sophisticated design, precision engineering and practical functionality, the Translite Systems Gallery Series is the system of choice for any lighting display or exhibit.

Aim and lock position with single knob 180° vertical pivot and 360° horizontal rotation

Twist and lock tab

Rotate and lock up to 3 lens accessories and 1 snoot accessory in place

Relamp without disrupting aim

Fully featured Gallery capabilities in a modern diminutive fixture

AIR FLOW

AIR FLOW

Innovative convection cooling chambers increase air flow and reduce fixture temperature

Toolless twist and lock lamp holder

Gallery 16 open back

Shown with optional
CA16 Softening Lens

4.65"

2.45"

2.42"

GLO16
Triple
Accessory

4.65"

2.71"

- Precision machined gallery fixture with single knob vertical and horizontal locking
- 180° vertical pivot and 360° horizontal rotation
- Keyed accessories
- Low voltage MR-16 lamp up to 50 watts (not included)
- Toolless relamping without disrupting aiming
- UL and CUL Listed

Ordering code

| **GLO** | – | **16** | – | | – | | – | | – | | |

Fixture

GLO
Gallery 16 with open back

Style

16
MR-16 lamp

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**BTW**	**LT**	**NS**[1]
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Basis wall (max. 16")	Liana	No system connector

Overall length

ST	**6" – 72"**
5" Standard length	Specify length (in 6" increments)

Lamping

Leave blank for standard MR-16 (not included)	**27F** 7 watt 2700K 24° Flood	**30F** 7 watt 3000K 24° Flood

└ Philips EnduraLED ┘

System finish

AL	**GB**[2]
Satin aluminum	Gloss black

Accessory holders

1	**3**
Single accessory holder	Triple accessory holder

LED
Options

Compatible accessories
See page 2.15 for Gallery specific accessories.
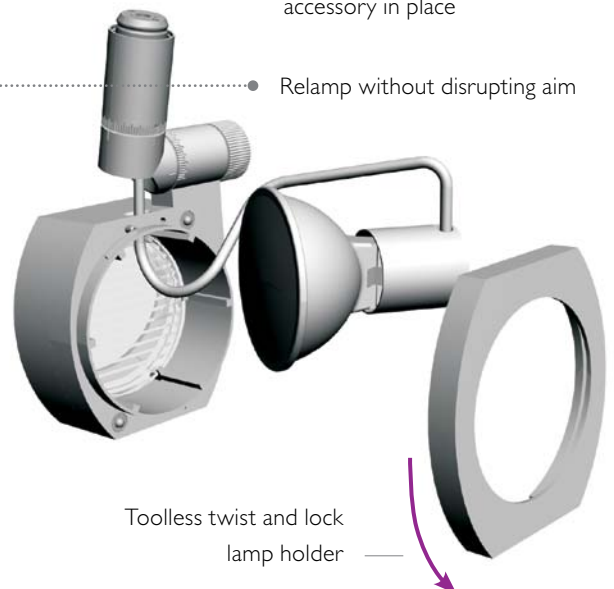[1] Requires a minimum overall length of 10" with Monopoint canopies.
[2] Only available for Basis track.

Gallery 111 open back

GLO111Open
Lamp

5.70"

4.44"

4.35"

GLO111Triple
Accessory
shown with
optional Spread
Lens

5.70"

4.93"

- Precision machined gallery fixture with single knob vertical and horizontal locking
- 150° vertical pivot and 360° horizontal rotation
- Keyed accessories
- Low voltage AR11 lamp up to 50 watts (not included)
- Toolless relamping without disrupting aiming
- UL and CUL Listed

Ordering code

| **GLO** | – | **111** | – | | – | | – | | – | |

Fixture

GLO
Gallery 111 with open back

Style

111
AR-111 Lamp

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**BTW**	**LT**	**NS**[1]
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Basis Wall (max. 16")	Liana	No system connector

Overall length

ST	**6" – 72"**
5" Standard length	Specify length (in 6" increments)

System finish

AL	**GB**[2]
Satin aluminum	Gloss black

Accessory holders

0	**3**
Open Lamp No Accessory Holder	Triple Accessory Holder

Compatible accessories
See page 2.15 for Gallery specific accessories.
[1] Requires a minimum overall length of 10" with Monopoint canopies.
[2] Only available for Basis track.

Gallery 16 enclosed

Ordering code

| GLE | – | 16 | – | □ | – | □ | – | □ | – | □ | – | □ |

Fixture

GLE
Gallery 16 with enclosed backshield

Style

16
MR-16 lamp

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**BTW**	**LT**	**NS**[1]
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Basis Wall (max. 16")	Liana	No system connector

Overall length

ST	**6" – 72"**
5" Standard length	Specify length (in 6" increments)

Lamping

Leave blank
for standard
MR-16
(not included)

System finish

AL	**GB**[2]
Satin aluminum	Gloss black

Accessory holders

1	**3**
Single accessory holder	Triple accessory holder

Compatible accessories
See page 2.15 for Gallery specific accessories.
[1] Requires a minimum overall length of 10" with Monopoint canopies.
[2] Only available for Basis track.

2.56"

2.42"

4.65"

2.82"

Shown
with optional
spread lens

GLE16
Triple
accessory

- Precision machined gallery fixture with single knob vertical and horizontal locking
- 180° vertical pivot and 360° horizontal rotation
- Keyed accessories
- Low voltage MR-16 lamp up to 50 watts (not included)
- Toolless relamping without disrupting aiming
- UL and CUL Listed

Gallery 111 enclosed

Ordering code

| GLE | – | 111 | – | □ | – | □ | – | □ | – | □ |

Fixture

GLE
Gallery 111 with enclosed backshield

Style

111
AR-111 Lamp

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**BTW**	**LT**	**NS**[1]
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Basis Wall (max. 16")	Liana	No system connector

Overall length

ST	**6" – 72"**
5" Standard length	Specify length (in 6" increments)

System finish

AL	**GB**[2]
Satin aluminum	Gloss black

Accessory holders

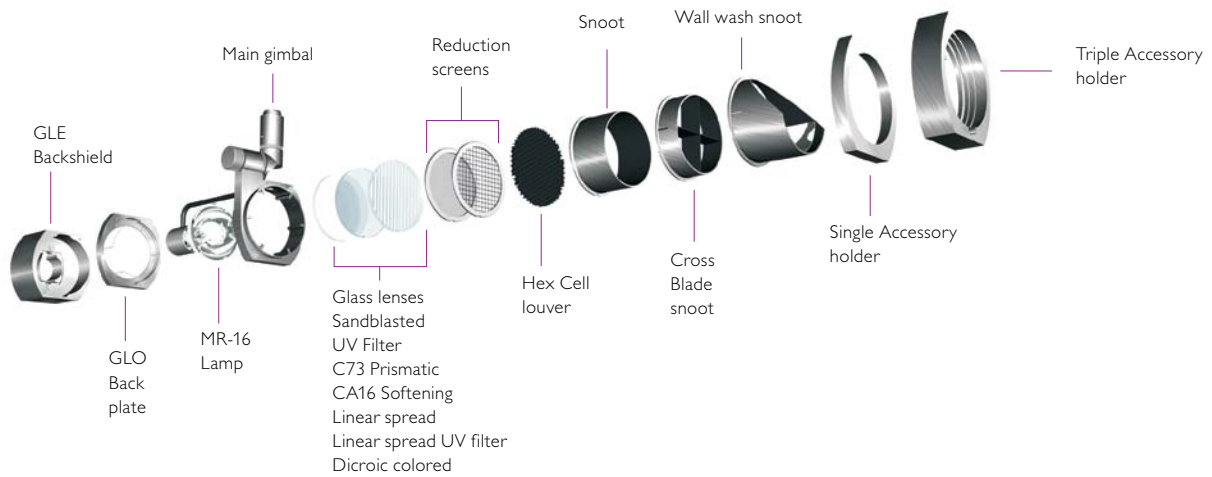| **O**	**3**
Open Lamp No Accessory Holder	Triple Accessory Holder

Compatible accessories
See page 2.15 for Gallery specific accessories.
[1] Requires a minimum overall length of 10" with Monopoint canopies.
[2] Only available for Basis track.

4.44"

4.35"

5.05"

GLE111
Open lamp

GLE111
Triple accessory
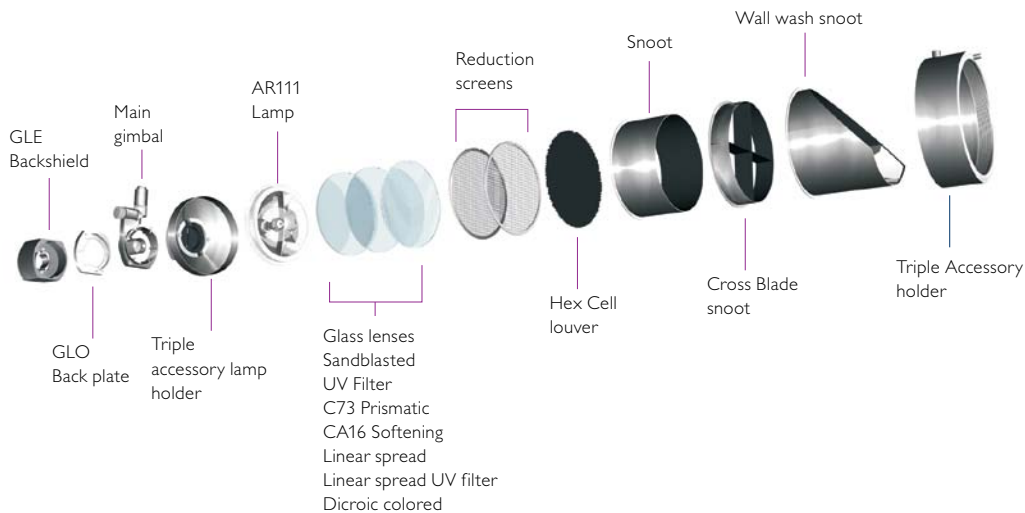shown with
optional spread
lens

Gallery series

The Translite Systems Gallery series combines a sleek, minimal design and gallery functionality into a low voltage fixture that is compatible with any of Translite Systems' low voltage systems and monopoints. The Gallery Series is based upon a single gimbal that accommodates numerous combinations of modular accessories for both MR-16 and AR111 lamps. The graphic below illustrates the extensive offering of accessories available for Translite Systems' low voltage Gallery fixture. Translite Systems' Gallery fixture is a keyed assembly that snaps easily in place without the use of tools. Gallery fixtures can be altered on the spot as exhibits evolve and lighting needs change.

Gallery 16

GLE Backshield

GLO Back plate

Main gimbal

MR-16 Lamp

Reduction screens

Glass lenses
Sandblasted
UV Filter
C73 Prismatic
CA16 Softening
Linear spread
Linear spread UV filter
Dicroic colored

Hex Cell louver

Snoot

Cross Blade snoot

Wall wash snoot

Single Accessory holder

Triple Accessory holder

Gallery 111

GLE Backshield

GLO Back plate

Main gimbal

Triple accessory lamp holder

AR111 Lamp

Glass lenses
Sandblasted
UV Filter
C73 Prismatic
CA16 Softening
Linear spread
Linear spread UV filter
Dicroic colored

Reduction screens

Hex Cell louver

Snoot

Cross Blade snoot

Wall wash snoot

Triple Accessory holder

Gallery accessories

Backshield
Rounded, solid shield fits over the back of MR-16 lamp. Reduces back light from the lamp. For use with GLO16 only.

Ordering code
988-AL **988-GB**
988-RB **988-WH**

Snoot
Provides maximum light shielding and cut-off to lamp. 45° lamp shielding angle. Aluminum and Rubbed bronze.

Ordering code
GL-16-987-AL **GL-111-987-AL**
GL-16-987-GB **GL-111-987-GB**

Wall wash snoot
Kick reflector enhances wall washing capabilities. Aluminum and rubbed Bronze.

Ordering code
GL-16-986-AL **GL-111-986-AL**
GL-16-986-GB **GL-111-986-GB**

Cross blade snoot
Provides additional cut-off shielding to enhance visual comfort. Aluminum and Rubbed bronze.

Ordering code
GL-16-985-AL **GL-111-985-AL**
GL-16-985-GB **GL-111-985-GB**

Hex cell louver
Diffuser 1/8" thick.

Ordering code
GL-16-995
GL-111-995

Reduction screens
Each kit contains two 15% and two 40% light reduction screens.

Ordering code
GL-16-982
GL-111-982

Sandblasted lens
Diffusing lens. 1/8" thick.

Ordering code
GL-16-990
GL-111-990

Optivex™ UV lens filter
Blocks transmission below 400nm. Retards photo chemical degradation. 1/8" thick.

Ordering code
GL-16-993
GL-111-993

C73 Prismatic spread
Prismatic softening lens. 1/8" thick.

Ordering code
GL-16-983
GL-111-983

CA16 Solite softening lens
High transmission softening lens. 1/8" thick.

Ordering code
GL-16-991
GL-111-991

Skytex linear spread
Directional spread beam elongator. 1/8" thick.

Ordering code
GL-16-992
GL-111-992

Laser aiming tool
Provides additional support for precision aiming when choosing to highlight a design from a specific angle.

Ordering code
GL-AIM

Dichroic colored lenses
1/8" thick. Dichroic colored lenses.

Ordering code example
GL-16-996-BL
(Blue lens for Gallery 16 fixture)

Mixing color filters
Filters shown together mix to white.

Ordering code
GL-16-996-__
GL-111-996-__

Primary colors:

| **RD** | **BL** | **GR** |
| Red | Blue | Green |

Ordering code
GL-16-996-__
GL-111-996-__

Secondary colors:

| **MM** | **BG** | **YL** | **AM** |
| Medium Magenta | Blue Green | Yellow Green | Medium Amber |

Ordering code
GL-16-996-__
GL-111-996-__

Ordering code
GL-16-996-__
GL-111-996-__

SP	**SB**	**DA**
Surprise Pink	Steel Blue	Daylight Color Correction
LS	**BA**	**LP**
Light Straw	Bastard Amber	Light Pink

Twirl Small

Ordering code

TSL1	–		–		–		–	

Fixture

TLS1
Twirl Small Cable Suspended

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST	**12" – 60"**
72" Standard length	Specify length (in 12" increments)

Lamping

Leave blank for standard MR-16 (not included)	**27F** 7 watt 2700K 24° Flood	**30F** 7 watt 3000K 24° Flood

└ Philips Endura LED ┘

Metal finish

AL	**PN**	**GB***	**WH***
Aluminum	Polished nickel	Gloss black	White

LED
Options

Compatible accessories
No accessories available.

*Available for BTC and NS only.

- Small open, decorative, louvered metal pendant
- Open fixture rated low voltage MR-16 lamp up to 50 watts (not included)
- Suspended by field adjustable cable
- UL and CUL Listed

72" max

1.95"

ø2.70"

Luca

Ordering code

LCA1	–		–		–		–	

Fixture

LCA1
Luca cable suspended short

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST	**12" – 60"**
72" Standard length	Specify length (in 12" increments)

Diffuser color

RS	**GL**	**CL**	**CB**
Resin	Gold	Clear	Cobalt

System finish

AL	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

*Available for BTC and NS only.

- Decorative mini glass pendant
- Low voltage bi-pin lamp up to 35 watts (not included)
- Suspended by field adjustable cable
- UL and CUL Listed

72" Max.

2.19"

3.4"

Giants
of the Sea

The whale shark (*Rhincodon typus*) is the largest fish in the sea, with males growing to an average length of 26 feet (7.9 meters). Larger whale sharks, around 46 feet (14 meters) — some possibly as long as 60 feet (12.7 meters) — have been sighted.

A whale shark's weight can exceed 20 tons (18 metric tons).

They have huge heads, more than one-quarter their body length, with mouths that span 5 feet (1.5 meters).

Despite their size, whale sharks feed exclusively on tiny animals called plankton.

This Whale Shark is 30feet long

Whale Shark

Whale Sharks can reach up to 60 feet long.

Whale Sharks are the largest known fish in the seas.

20,000
Species Under The Sea

There are approximately 20,000 different species of fish in the world, in the Devonian over a quarter of a billion years ago, fish developed into a wide variety of amphibians, reptiles, birds and mammals that now exist together.

Masters of Disguise

The Old Man of the Sea

How Deep Do I Go?

Micro Spot W

Ordering code

	MIW	–		–		–		–	

Fixture

MIW
Micro Spot W Stem Suspended

System

CA4	CA6	TR4	TR6	BTC	BTW	LT	NS
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Basis wall (Max 16")	Liana	No system connector

Overall length

ST   **6" – 72"**
5" Standard length   Specify length (in 6" increments)

Lamping

Leave blank for standard MR-16 (not included)

Metal finish

AL	PN	GB*	WH*
Aluminum	Polished nickel	Gloss black	White

• Adjustable fixture
• Continuous 360° rotation and 180° pivot
• Open fixture rated low voltage MR-16 lamp up to 50 watts (not included)
• UL and CUL Listed

4.37"

2.80"

Compatible accessories
No accessories available.

*Available for BTC, BTW, and NS only.

Propulsion

Ordering code

	PRP	–		–		–		–	

Fixture

PRP
Propulsion Stem Suspended

System

CA4	CA6	TR4	TR6	BTC	BTW	LT	NS
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Basis wall (Max 16")	Liana	No system connector

Overall length

ST   **6" – 72"**
5" Standard length   Specify length (in 6" increments)

Lamping

Leave blank for standard MR-16 (not included)

Metal finish

AL	PN	GB*	WH*
Aluminum	Polished nickel	Gloss black	White

• Adjustable fixture
• Continuous 360° rotation and 230° pivot
• Double accessory holder standard
• Low voltage MR-16 lamp up to 50 watts (not included)
• UL and CUL Listed

4.38"

2.25"

Compatible accessories
Snoot, glass lens, louver, filter. See accessory ordering guide page 2.40 column TSA-04.

*Available for BTC, BTW and NS only.

Moto

Ordering code

| **MOT** | – | | – | | – | | – | |

Fixture

MOT
Moto Stem Suspended

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**BTW**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Basis wall (max. 16")	Liana	No system connector

Overall length

ST	**6" – 72"**
5" Standard length	Specify length (in 6" increments)

Lamping

Leave blank for standard MR-16 (not included)	**27F** 7 watt 2700k 24° flood	**30F** 7 watt 3000k 24° flood

└── Philips EnduraLED ──┘

Metal finish

AL	**PN**	**RB**
Aluminum	Polished nickel	Rubbed bronze

LED
Options

Compatible accessories
Single lens clip, single and double accessory holder, back shield, snoot, barn doors, glass lens, louver, filter. See accessory ordering guide page 2.40 column TSA-03.

4.23"

2"

- Adjustable fixture with 24kt gold plated brass socket pins
- Continuous 360° rotation and 250° pivot
- Open fixture rated low voltage MR-16 lamp up to 50 watts (not included)
- UL and CUL Listed

Volare

Ordering code

| **VOL** | – | | – | | – | | – | |

Fixture

VOL
Volare Stem Suspended

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**BTW**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Basis wall (max. 16")	Liana	No system connector

Overall length

ST	**6" – 36"**
5" Standard length	Specify length (in 6" increments)

Lamping

Leave blank for standard MR-16 (not included)	**27F** 7 watt 2700k 24° flood	**30F** 7 watt 3000k 24° flood

└── Philips EnduraLED ──┘

Metal finish

AL	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

LED
Options

4.6"

2.33"

- Adjustable fixture with 24kt gold plated brass socket pins
- Continuous 360° rotation and 270° pivot
- Open fixture rated low voltage MR-16 lamp up to 50 watts (not included)
- UL and CUL Listed

Micro Spot R

Ordering code

| MIR | – | S | – | ☐ | – | ☐ | – | ☐ | – | ☐ |

Fixture

MIR
Micro Spot R Stem Suspended

Style

S
Single lamp

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**BTW**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Basis wall (max. 16")	Liana	No system connector

Overall Length

ST — 6" – 72"
5" Standard length — Specify length (in 6" increments)

Lamping

| Leave blank for standard MR-16 (not included) | **27F** 7 watt 2700k 24° flood | **30F** 7 watt 3000k 24° flood |

└─ Philips EnduraLED ─┘

System finish

AL	**PN**	**RB**	**GB***	**WH***
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

LED Options

* Available for BTC, BTW and NS only.

Compatible accessories
Snoot, glass lens, louver, filter and backshield. See accessory ordering guide page 2.40 column TSA-04.

4.0"
3.0"

- Adjustable round gimbal ring fixture
- Continuous 360° rotation and 300° pivot
- Double accessory holder standard
- Low voltage MR-16 lamp up to 50 watts (not included)
- UL and CUL Listed

Micro Spot R Double

Ordering code

| MIR | – | D | – | ☐ | – | ☐ | – | ☐ | – | ☐ |

Fixture

MIR
Micro Spot R Stem Suspended

Style

D
Double

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**BTW**	**LT**	**NS†**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Basis wall (max. 16")	Liana	No system connector

Overall Length

ST — 6" – 72"
5" Standard length — Specify length (in 6" increments)

Lamping

| Leave blank for standard MR-16 (not included) | **27F** 7 watt 2700k 24° flood | **30F** 7 watt 3000k 24° flood |

└─ Philips EnduraLED ─┘

System finish

AL	**PN**	**RB**	**GB***	**WH***
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

LED Options

Compatible accessories
Snoot, glass lens, louver, filter and backshield. See accessory ordering guide page 2.40 column TSA-04.

† When mounting to Monopoint, check wattage capacity.
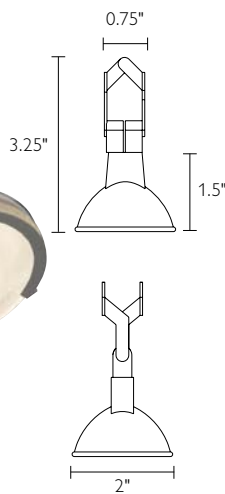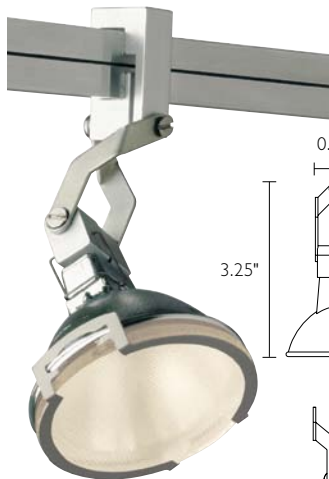* Available for BTC, BTW and NS only.

3.59"
6.9"

- Adjustable fixture with two heads
- Fixtures have 360° rotation and 300° pivot
- Double accessory holders standard
- Low voltage MR-16 lamps up to 50 watts (not included)
- UL and CUL Listed

Micro Spot S

Ordering code

MIS – S – ☐ – ☐ – ☐ – ☐

Fixture

MIS
Micro Spot S Stem Suspended

Style

S
Single lamp

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**BTW**	**LT**	**NS**†
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Basis wall (max. 16")	Liana	No system connector

Overall length

ST	**6" – 72"**
5" Standard length	Specify length (in 6" increments)

Lamping

Leave blank for standard MR-16 (not included)	**27F** 7 watt 2700k 24° flood	**30F** 7 watt 3000k 24° flood
	└─ Philips EnduraLED ─┘	

System finish

AL	**PN**	**RB**	**GB***	**WH***	**LED**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White	Options

Compatible accessories
Snoot, glass lens, louver, filter and backshield. See accessory ordering guide page 2.40 column TSA-04.

* Available for BTC, BTW and NS only.

4.30"
2.7"

- Adjustable square gimbal ring fixture
- Fixture has 360° rotation and 300° pivot
- Double accessory holder standard
- Low voltage MR-16 lamp up to 50 watts (not included)
- UL and CUL Listed

Micro Spot S Double

Ordering Code

MIS – D – ☐ – ☐ – ☐ – ☐

Fixture

MIS
Micro spot S Stem Suspended

Style

D
Double

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**BTW**	**LT**	**NS**†
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Basis wall (max. 16")	Liana	No system connector

Overall Length

ST	**6" – 72"**
5" Standard length	Specify length (in 6" increments)

Lamping

Leave blank for standard MR-16 (not included)	**27F** 7 watt 2700k 24° flood	**30F** 7 watt 3000k 24° flood
	└─ Philips EnduraLED ─┘	

System finish

AL	**PN**	**RB**	**GB***	**WH***	**LED**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White	Options

Compatible accessories
Snoot, glass lens, and louver. See accessory ordering guide page 2.40 column TSA-04.

† When mounting to Monopoint, check wattage capacity.
* Available for BTC, BTW and NS only.

3.21"
7.69"

- Adjustable fixture with two heads
- Fixtures have 360° rotation and 180° pivot
- Double accessory holders standard
- Low voltage MR-16 lamps up to 50 watts (not included)
- UL and CUL Listed

AR70
Satin aluminum
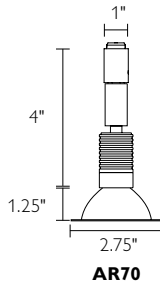
1"
4"
1.25"
2.75"
AR70

MR-16
Rubbed bronze
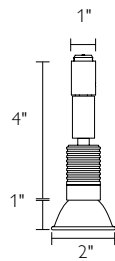
1"
4"
1"
2"
MR-16

- Adjustable fixture
- 90° pivot at the socket and rotates 360°
- Open fixture rated low voltage
  MR-16 or AR70 lamp up to 50 watts (not included)

Micro Spot E

Ordering code   MIE – ☐ – ☐ – ☐ – ☐

Fixture

MIE
Micro Spot E Stem Suspended

System

CA4	CA6	TR4	TR6	BTC	LT	NS
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST	6" – 72"
5" Standard length	Specify length (in 6" increments)

Lamping

Leave blank for standard MR-16 (not included)	27F 7 watt 2700k 24° flood	30F 7 watt 3000k 24° flood
	└─ Philips EnduraLED ─┘	

Metal finish

AL	PN	RB	GB*	WH*	LED
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White	Options

Compatible accessories
(not compatible with AR70 option):
Single lens clip, single and double
accessory holders, back shield, snoot,
barn doors, glass lens, louver, filter.
See accessory ordering guide
page 2.40 column TSA-03.

*Available for BTC , BTW, and NS only.

0.75"
3.25"
1.5"
2"

- Adjustable fixture with 24kt gold plated brass socket pins.
- Open fixture rated low voltage MR-16 lamp up to 50 watts (not included).
- Pivots 220° at the socket and 120° at the track.

Euro

Ordering code   EUR – ☐ – ☐ – ☐ – ☐

Fixture

EUR
Euro

System

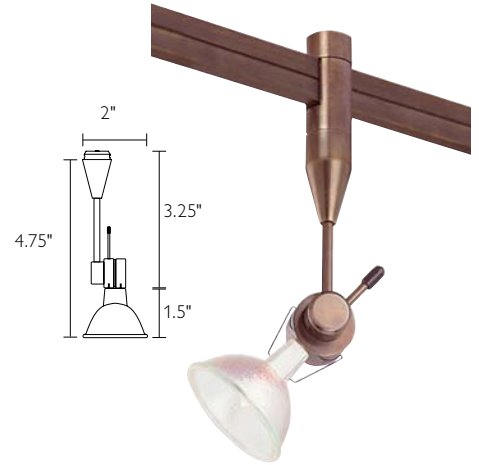| CA4	CA6	BTC
4" Cable	6" Cable	Basis ceiling

Overall length

ST	6" – 72"
5" Standard length	Specify length (in 6" increments)

Lamping

Leave blank for standard MR-16 (not included)	27F 7 watt 2700k 24° flood	30F 7 watt 3000k 24° flood
	└─ Philips EnduraLED ─┘	

Metal finish

AL	PN	RB	LED
Aluminum	Polished nickel	Rubbed bronze	Options

Compatible accessories
Single lens clip, single and double accessory holders, back
shield, snoot, barn doors, glass lens, louver, filter. See
accessory ordering guide page 2.40 column TSA-03.

Hemilumen

Ordering code

| HEM | – | | – | | – | | – | |

Fixture

HEM
Hemilumen

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**BTW**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Basis wall (max. 16")	Liana	No system connector

Overall length

ST   12" – 36"
6" Standard length   Specify length (in 6" increments)

Lamping

Leave blank for standard MR-16 (not included)

27F	**30F**
7 watt 2700k 24° flood	7 watt 3000k 24° flood

Philips EnduraLED

Metal finish

AL	**PN**	**RB**
Aluminum	Polished nickel	Rubbed bronze

LED
Options

Compatible accessories
Double accessory holder, snoot, glass lens, louver, filter. See accessory ordering guide page 2.40 column TSA-04.

6.0"

2.54"

- Adjustable fixture
- Continuous 360° rotation and 330° pivot
- Single accessory holder standard
- Low voltage MR-16 lamp up to 50 watts (not included)
- UL and CUL Listed

Flexi Spot

Ordering code

| FLX | – | | – | | – | | – | | – | |

Fixture

FLX
Flexi Spot Stem Suspended

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**BTW**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Basis wall (max.16")	Liana	No system connector

Overall length

ST   6" – 72"
5" Standard length   Specify length (in 6" increments)

Lamping

Leave blank for standard MR-16 (not included)

Diffuser color

AM	**GR**	**WH**	**NG**
Amber	Green	White	No Glass

System finish

AL	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

1.5"

5.19"

* Glass does not illuminate with LED application.

- Adjustable fixture with optional glass shade
- 90° pivot at the socket and rotates 360°
- Open fixture rated low voltage MR-16 lamp up to 50 watts (not included)

Compatible accessories
(not compatible with glass diffuser): Single lens clip, single and double accessory holders, snoot, barn doors, glass lens, louver, filter. See accessory ordering guide page 2.40 column TSA-03.

Basio

MR-16

- Decorative pendant
- Includes accessory holder with clear lens for MR-16 lamp option
- Open fixture rated low voltage MR-16 or AR111 lamp up to 50 watts (not included)
- Suspended by field adjustable cable

Ordering code **BSO1** – ☐ – ☐ – ☐ – ☐

Fixture

BSO1	Basio cable suspended

System

CA4	CA6	TR4	TR6	BTC	LT	NS
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST	**12" – 72"**
72" Standard length	Specify length (in 12" increments)

Lamping

AR111	MR-16
75w Max.	50w Max. (includes glare shield w/ integral lens holder)

Metal finish

AL	PN	RB
Aluminum	Polished nickel	Rubbed bronze

Compatible accessories
(not compatible with AR111 option):
Double accessory holder, glass lens, louver, filter.
See accessory ordering guide page 2.40
column TSA-04.

AR111

MR16

- Decorative fixture
- Includes single accessory holder with clear lens for MR-16 lamp option
- Continuous 360° rotation and 90° pivot at the socket
- Open fixture rated low voltage MR-16 or AR111 lamp up to 50 watts (not included)

Ordering code **BSO2** – ☐ – ☐ – ☐ – ☐

Fixture

BSO2	Basio Stem Suspended

System

CA4	CA6	TR4	TR6	BTC	LT	NS
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST	**12" – 72"**
7" Standard length	Specify length (in 6" increments)

Lamping

AR111	MR-16
75w Max.	50w Max. (includes glare shield w/ integral lens holder)

Metal finish

AL	PN	RB
Aluminum	Polished nickel	Rubbed bronze

Compatible accessories
(not compatible with AR111 option):
Double accessory holder, glass lens, louver, filter.
See accessory ordering guide page 2.40 column TSA-04.

Rotor

Ordering code			RTR	– ⬜	– ⬜	– ⬜	– ⬜

Fixture

RTR
Rotor Stem Suspended

System

CA4	CA6	TR4	TR6	BTC	BTW	LT	NS
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Basis wall (max. 16")	Liana	No system connector

Overall length

ST	6" – 36"
5" Standard length	Specify length (in 6" increments)

Lamping

Leave blank for standard MR-16 (not included)	27F 7 watt 2700k 24° flood	30F 7 watt 3000k 24° flood

└─ Philips EnduraLED ─┘

Metal finish

AL	PN	RB
Aluminum	Polished nickel	Rubbed bronze

LED
Options

- Adjustable fixture with 24kt gold plated brass socket pins
- Pivots 270° at the socket and rotates 360°
- Open fixture rated low voltage MR-16 lamp up to 50 watts (not included)

Compatible accessories
Single lens clip, single and double accessory holders, back shield, snoot, barn doors, glass lens, louver, filter. Ordering guide page 2.40 column TSA-03.

2"
4.75"
3.25"
1.5"

Retro 11

Ordering code			REE	– ⬜	– ⬜	– ⬜	– ⬜

Fixture

REE
Retro 11 Stem Suspended

System

CA4	CA6	TR4	TR6	BTC	BTW	LT	NS
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Basis wall (max. 16")	Liana	No system connector

Overall length

ST	6" – 36"
5" Standard length	Specify length (in 6" increments)

Lamping

ALR12	MR11
20w max.	35w max.

Metal finish

AL	PN	RB	GB*	WH*
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

1.63"
5.13"

- Adjustable fixture
- Includes single accessory holder and clear lens
- Continuous 360° rotation and 90° pivot at the socket
- Low voltage MR11 lamp up to 35 watts or Phillips ALR up to 20 watts (not included)

Compatible accessories
Double accessory holder, snoot, glass lens, louver, filter. See accessory ordering guide page 2.40 column TSA-02.

*Available for BTC, BTW and NS only.

Retro 16
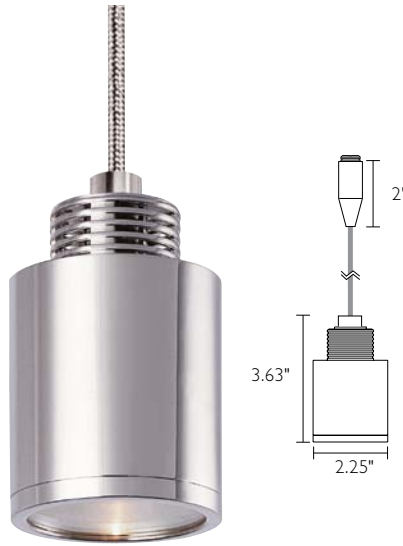
Ordering code | RES1 – ☐ – ☐ – ☐ – ☐

Fixture

RES1
Retro 16 Cable Suspended

System

CA4	CA6	TR4	TR6	BTC	LT	NS
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST   12" – 72"
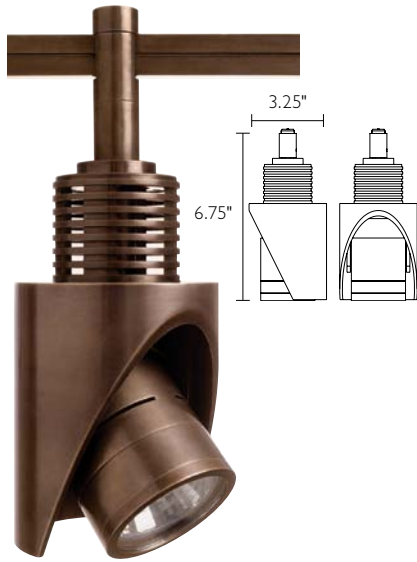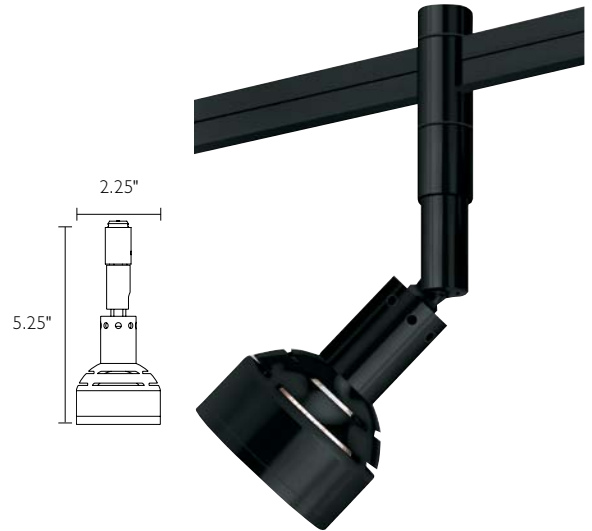72" Standard length   Specify length (in 12" increments)

Lamping

Leave blank
for standard
MR-16
(not included)

Metal finish

AL	PN	RB	GB*	WH*
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Compatible accessories
Double accessory holder, snoot, glass lens, louver, filter. See accessory ordering guide page 2.40 column TSA-04.

*Available for BTC and NS only.

- Decorative pendant
- Includes single accessory holder and clear lens
- Low voltage MR-16 lamp up to 50 watts (not included)
- Suspended by field adjustable cable

2"

3.63"

2.25"

Ordering code | RES2 – ☐ – ☐ – ☐ – ☐

Fixture

RES2
Retro 16 Stem Suspended

System

CA4	CA6	TR4	TR6	BTC	BTW	LT	NS
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Basis Wall	Liana	No system connector

Overall length

ST   12" – 72"
6" Standard length   Specify length (in 6" increments)

Lamping

Leave blank
for standard
MR-16
(not included)

Metal finish

AL	PN	RB	GB*	WH*
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Compatible accessories
Double accessory holder, snoot, glass lens, louver, filter. See accessory ordering guide page 2.40 column TSA-04.

*Available for BTC, BTW, and NS only.

2.25"

5.75"

- Adjustable fixture
- Includes single accessory holder and clear lens
- Continuous 360° rotation and 90° pivot at the socket
- Low voltage MR-16 lamp up to 50 watts (not included)
- Minimum OAL 10" when used with 2" remodel Monopoint canopies

Retro 20

Ordering code

RET1 – ☐ – ☐ – ☐ – ☐

Fixture

RET1
Retro 20 Cable Suspended

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST	**12" – 72"**
72" Standard length	Specify length (in 12" increments)

Lamping

AR70	MR-16
50W max.	50W Max.

Metal finish

AL	**PN**	**RB**	**GB***	**WH***
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Compatible accessories
Double accessory holder, snoot, glass lens, louver, filter. See accessory ordering guide page 2.40 column TSA-05.
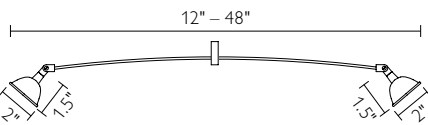
*Available for BTC and NS only.
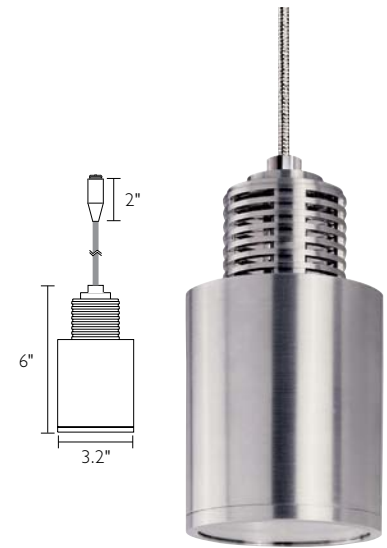
• Decorative pendant
• Includes single accessory holder and clear lens
• Low voltage MR-16 or AR70 lamp up to 50 watts (not included)
• Suspended by field adjustable cable

Ordering code

RET2 – ☐ – ☐ – ☐ – ☐

Fixture

RET2
Retro 20 Stem Suspended

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST	**12" – 72"**
8" Standard length	Specify length (in 6" increments)

Lamping

AR70	MR-16
50W max.	50W Max.

Metal finish

AL	**PN**	**RB**	**GB***	**WH***
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Compatible accessories
Double accessory holder, snoot, glass lens, louver, filter. See accessory ordering guide page 2.40 column TSA-05.

*Available for BTC, BTW, and NS only.
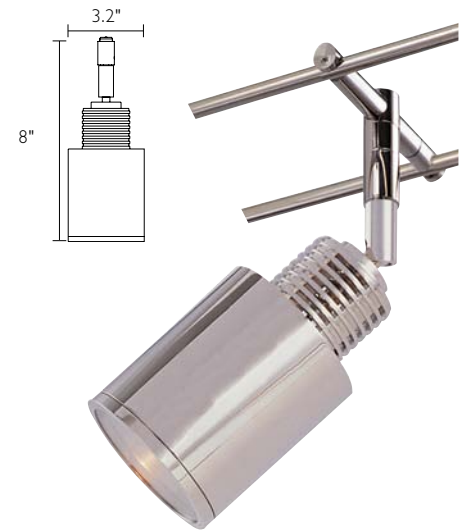
• Adjustable fixture
• Includes single accessory holder and clear lens
• Continuous 360° rotation and 90° pivot at the socket
• Low voltage MR-16 or AR70 lamp up to 50 Watts (not included)

Retro 20d

3.25"

6.75"

Ordering code

| **RED** | – | ☐ | – | ☐ | – | ☐ | – | ☐ |

Fixture

RED
Retro 20d Stem Suspended

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST	**12" – 72"**
7" Standard length	Specify length (in 12" increments)

Lamping

Leave blank
for standard
MR-16
(not included)

Metal finish

AL	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

- Adjustable fixture
- Includes single accessory holder and clear lens
- Continuous 360° rotation and 90° pivot at the socket
- Low voltage MR16 lamp up to 50 watts (not included)

Compatible accessories
Double accessory holder, snoot, glass lens, louver, filter.
See accessory ordering guide page 2.40 column TSA-04.

Micro Spot D

2.5"

4.5"

Ordering code

| **MID** | – | ☐ | – | ☐ | – | ☐ | – | ☐ |

Fixture

MID
Micro spot D Stem Suspended

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST	**12" – 72"**
4" Standard length	Specify length (in 12" increments)

Lamping

Leave blank
for standard
MR-16
(not included)

Metal finish

AL	**PN**	**RB**	**GB***	**WH***
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

- Adjustable fixture
- Includes single accessory holder and clear lens
- Continuous 360° rotation and 90° pivot at the socket
- Low voltage MR-16 lamp up to 50 watts (not included)
- Minimum OAL 8" when used with 2" remodel Monopoint canopies

Compatible accessories
Double accessory holder, snoot, glass lens, louver, filter.
See accessory ordering guide page 2.40 column TSA-04.

*Available for BTC, BTW, and NS only.

Micro Spot G

Ordering code

MIG – ☐ – ☐ – ☐ – ☐

Fixture

MIG
Micro Spot G Stem Suspended

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST   6" – 72"
5" Standard length   Specify length (in 6" increments)

Lamping

Leave blank
for standard
MR-16
(not included)

Metal finish

AL	**PN**	**RB**	**GB***	**WH***
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Compatible accessories
Double accessory holder, snoot, glass lens, louver, filter.
See accessory ordering guide page 2.40 column TSA-04.

*Available for BTC, BTW, and NS only.

2.25"

5.25"

- Adjustable fixture
- Includes single accessory holder and clear lens
- Continuous 360° rotation and 90° pivot at the socket
- Low voltage MR-16 lamp up to 50 watts (not included)
- Minimum OAL 9" when used with 2" remodel Monopoint canopies

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Television

Ordering code

TVN – ☐ – ☐

Fixture

TVN
Television

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**BTW**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Basis Wall

Lamping

Leave blank for standard MR-16 (not included)	**27F** 7 watt 2700k 24° flood	**30F** 7 watt 3000k 24° flood

└── Philips EnduraLED ──┘

LED
Options

Compatible accessories
Single lens clip, single and double accessory holders, back shield, snoot, barn doors, glass lens, louver, filter.
See accessory ordering guide page 2.40 column TSA-03.

2" – 6"

9.5" – 30"

1.5"

2"
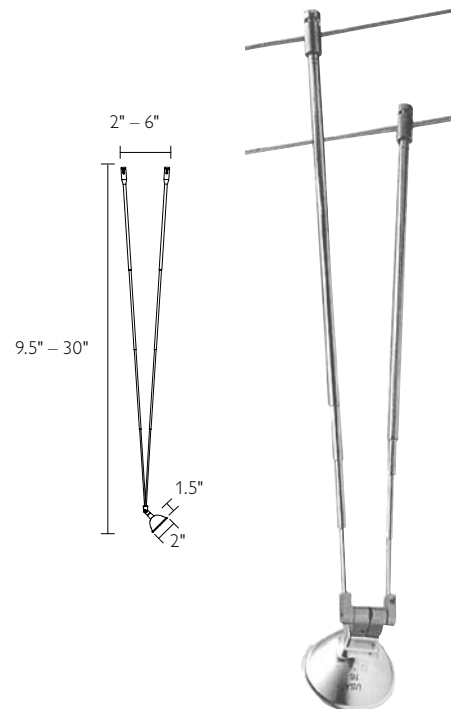
- Adjustable fixture with telescoping arms and 24kt gold plated brass socket pins
- Polished nickel finish
- Pivots 270° at the socket
- Open fixture rated low voltage MR-16 lamp up to 50 watts (not included)

Double Dip

Ordering code

DDP	–		–		–		–	

Fixture

DDP
Double dip

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling

Width

12"-48"
Specify Width (in 6" increments)

Lamping

Leave blank for standard MR-16 (not included)	**27F** 7 watt 2700k 24° flood	**30F** 7 watt 3000k 24° flood

└─ Philips EnduraLED ─┘

Metal finish

AL	**PN**
Satin aluminum	Polished nickel

LED
Options

Cable/Twin Rail

12" – 48"

4" or 6"

2" 1.5" 1.5" 2"
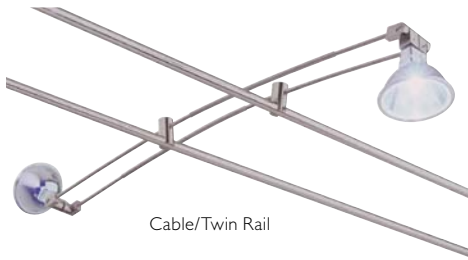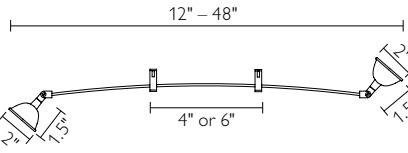
- Adjustable fixture with two independently adjustable lamps and 24kt gold plated brass socket pins
- Pivots 270° at the socket
- Open fixture rated low voltage MR-16 lamps up to 50 watts (not included)
- Field adjustable

Basis

12" – 48"

2" 1.5" 1.5" 2"

Compatible accessories
(each lamp requires separate accessories):
Single lens clip, single and double accessory holders, back shield, snoot, barn doors, glass lens, louver, filter. See accessory ordering guide page 2.40 column TSA-03.
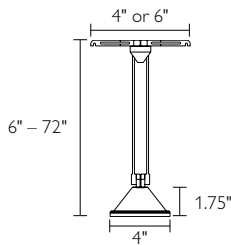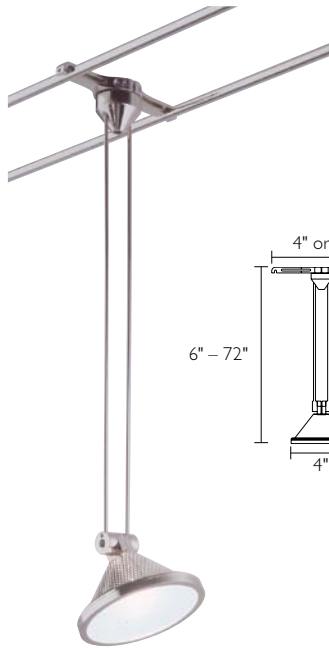
Super Aria

Ordering code

SAR	–		–		–		

Fixture

SAR
Super Aria

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling

Overall length

6" – 72"
Specify length (in 6" increments)

Metal finish

AL	**PN**
Satin aluminum	Polished nickel

Compatible accessories
Glass lens, louver, filter. See accessory ordering guide page 2.40 column TSA-06 .

4" or 6"

6" – 72"

1.75"

4"

- Fixture with integral perforated shade and sandblasted glass lens
- Pivots 270° at the socket and rotates 350° at its base
- Low voltage halogen bi-pin lamp up to 50 watts (not included)
- Single accessory holder included
- Field adjustable

Super Sing

Ordering code

SSG – ☐ – ☐ – ☐

Fixture

SSG
Super Sing

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling

Overall length

6" – 72"
Specify length (in 6" increments)

Metal finish

AL	**PN**
Satin aluminum	Polished nickel

Compatible accessories
Glass lens, louver, filter. See accessory ordering guide
page 2.40 column TSA-06 .

4" or 6"

6" – 72"

1.75"

4"
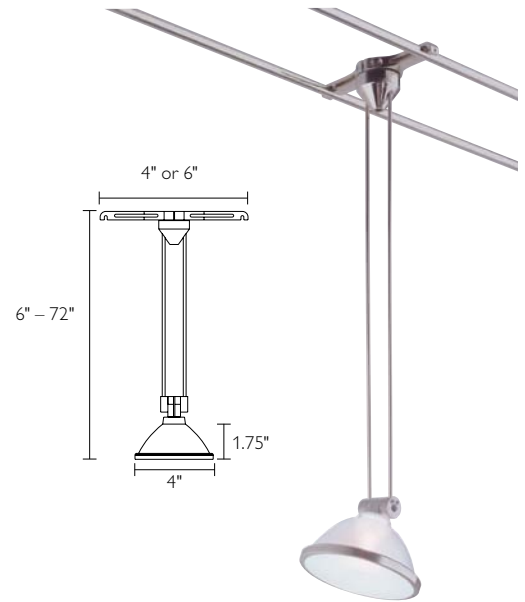
- Fixture with integral 26° dichroic glass reflector and sandblasted glass lens
- Pivots 270° at the socket and rotates 350° at its base
- Low voltage halogen bi-pin lamp up to 50 watts (not included)
- Single accessory holder included
- Field adjustable

Demilumen

Ordering code

DEM – ☐ – ☐ – ☐

Fixture

DEM
Demilumen

System

CA4	**CA6**	**TR4**	**TR6**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail

Metal finish

AL	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

Option

LN

Integral Accessory Holder

Compatible accessories
Snoot, glass lens, louver, filter. See accessory ordering
guide page 2.40 column TSA-04.

* Cable system only.

2.22"

3.04"

1.51"

2.34"

4.69"

- Highly adjustable fixture with 24kt gold plated brass socket pins
- Pivots 170° at the socket and rotates 360°
- Open fixture rated low voltage MR-16 lamp up to 50 watts (not included)

Pendants

Translite low voltage

Merging the minimal lines of modern track lighting
with the warmth, tone and texture of classical design

Cadre Medium

Ordering code

CDM2 – ☐ – ☐ – ☐ – ☐

Fixture

CDM2
Cadre medium stem suspended

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST   12" – 72"
45" Standard length   Specify length (in 6" increments)

Diffuser color

GVN	**MSS**	**WHT**	**IVR**	**CRL**	**APR**	**Imt**	**CPR**
Green vine	Moss	White	Ivory	Coral	Apricot	iced mint	Copper

Metal finish

AL	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

Compatible accessories
Acrylic diffusers
Bottom only: 996-B-CDM
Top and bottom: 996-CDM

8" × 8"
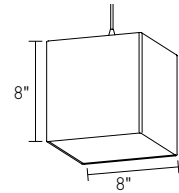
- Small cube fabric shade
- Handcrafted from finest Dupioni silks and sheer fabrics
- Available in three elegant tones and three metal finishes
- Fire retardant internal liner and nickel frame
- Open fixture rated low voltage Xenon lamp
- 40 watts maximum (2 × 20 watts per lamp only)
- 0.1875''Ø field adjustable stem

Tamour Medium

6"

8"
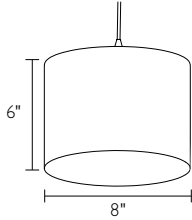
- Medium cylindrical fabric shade
- Handcrafted from finest Dupioni silks and sheer fabrics
- Fire retardant internal liner and nickel frame
- Open fixture rated low voltage Xenon lamp
- 40 watts maximum (2 x 20 watts per lamp only)
- 0.1875''Ø field adjustable stem

Ordering code

TMM2 – ☐ – ☐ – ☐ – ☐

Fixture

TMM2
Tamour Medium stem suspended

System

CA4	CA6	TR4	TR6	BTC	LT	NS
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST   **12" – 36"**
43" Standard Length   Specify length (in 6" increments)

Diffuser color

GVN	MSS	WHT	IVR	CRL	APR	IMT	CPR
Green vine	Moss	White	Ivory	Coral	Apricot	Iced mint	Copper

Metal finish

AL	PN	RB
Satin aluminum	Polished nickel	Rubbed bronze

Compatible accessories
Acrylic diffusers
Bottom only: 996-B-TMM
Top and Bottom: 996-TMM

Prisma

24"

7"

- Long, prismatic shaped fabric shade
- Handcrafted from finest Dupioni silks and sheer fabrics
- Fire retardant internal liner and nickel frame
- Open fixture rated low voltage Xenon lamp
- 120 watts maximum (6 x 20 watts per lamp only)
- 0.375''Ø field adjustable stem

Ordering code

PRM2 – ☐ – ☐ – ☐ – ☐

Fixture

PRM2
Prisma stem suspended

System

CA4	CA6	TR4	TR6	BTC	LT	NS
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST   **36" – 72"**
61" Standard length   Specify length (in 6" increments)

Diffuser color

GVN	MSS	WHT	IVR	CRL	APR	IMT	CPR
Green vine	Moss	White	Ivory	Coral	Apricot	Iced mint	Copper

Metal finish

AL	PN	RB
Satin aluminum	Polished nickel	Rubbed bronze

Compatible accessories
Acrylic diffusers
Bottom only: 996-B-PRM
Top and bottom: 996-PRM

Mini Norton

Ordering code	**MNN1** – ☐ – ☐ – ☐ – ☐ – ☐

Fixture

MNN1
Mini Norton cable suspended

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST	**24" – 72"**
72" Standard length	Specify length (in 12" increments)

Cap finish

AL	**PN**	**RB**	**GB**	**WH**
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

Diffuser color

TG	**SW**	**PW**	**GB***
Turner gold	Sausalito white	Polar white	Gloss black

System finish

AL	**PN**	**RB**	**GB**	**WH***
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

*Available for BTC and NS only.

8.62"

4.85"

- Multi-layered hand-blown glass pendant
- Open fixture rated low voltage bi-pin lamp up to 35 watts (not included)
- Suspended by field adjustable cable
- UL and CUL Listed

Mini Solmon

Ordering code	**MSN1** – ☐ – ☐ – ☐ – ☐

Fixture

MSN1
Mini Solmon cable suspended

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST	**24" – 72"**
72" Standard Length	Specify length (in 12" increments)

Cap finish

TM	**SW**	**PW**	**GB**
Solmon red	Sausalito white	Polar white	Gloss black

Diffuser color

AL	**PN**	**RB**	**GB***	**WH***
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

8.4"

2.88"

- Multi-layered hand-blown glass pendant
- Open fixture rated low voltage bi-pin lamp up to 35 watts (not included)
- Suspended by field adjustable cable
- UL and CUL Listed

*Available for BTC and NS only.

Crystal Cube

Ordering code

Fixture

| CRC3 | – | | – | | – | |

CRC3
Crystal Cube

System

BTC
Basis ceiling

Diffuser color

RS Resin	**GD** Gold	**CL** Clear	**CB** Cobalt

System finish

AL Satin aluminum	**PN** Polished nickel	**RB** Rubbed bronze	**GB** Gloss black	**WH** White

3.19"
2.65"   2.65"
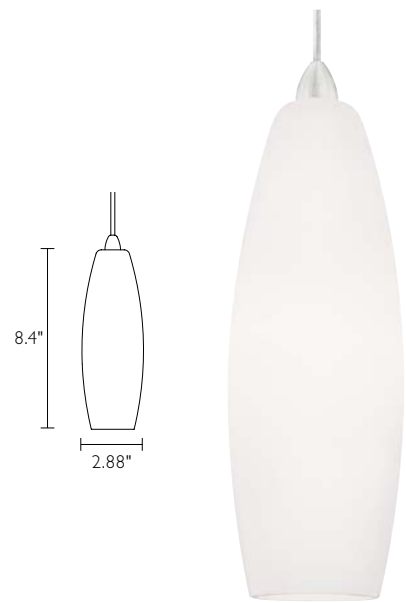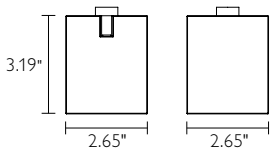
- Decorative mini crystal glass cube in four translucent colors
- Mounts directly on straight or curved Basis Track
- Open fixture rated low voltage bi-pin lamp up to 35 watts (not included)
- UL and CUL Listed

Ordering code

Fixture

| CRC1 | – | | – | | – | | – | |

CRC1
Crystal Cube Pendant Cable Suspended

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST	**12" – 72"**
72" Standard length	Specify length (in 12" increments)

Diffuser color

RS Resin	**GD** Gold	**CL** Clear	**CB** Cobalt

Metal finish

AL Satin aluminum	**PN** Polished nickel	**RB** Rubbed bronze

3.13"
2.68"

- Decorative mini glass pendant in four translucent colors
- Open fixture rated low voltage bi-pin lamp up to 35 watts (not included)
- Suspended by field adjustable cable

Miwok

Ordering code

MWK1 – ☐ – ☐ – ☐

Fixture

MWK1
Miwok

System

CA4	CA6	TR4	TR6	BTC	LT	NS
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST   12" – 72"
72" Standard length   Specify length (in 12" increments)

System finish

AL	PN	GB	WH
Satin aluminum	Polished nickel	Gloss black	White

8.94"
⌀3.95"
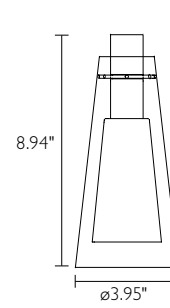
- Decorative mini glass pendant
- Outer glass is clear and inner glass is polar white
- Open fixture rated low voltage bi-pin lamp up to 35 watts (not included)
- Suspended by field adjustable cable
- UL and CUL Listed

Napa

Ordering code

NAP1 – ☐ – ☐ – ☐

Fixture

NAP1
Napa

System

CA4	CA6	TR4	TR6	BTC	LT	NS
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST   12" – 72"
72" Standard Length   Specify length (in 12" increments)

System finish

AL	PN	GB	WH
Satin aluminum	Polished nickel	Gloss black	White

8.94"
⌀3.95"
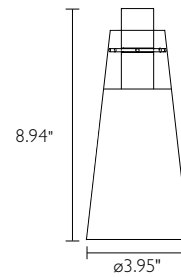
- Decorative mini glass pendant
- Open fixture rated low voltage bi-pin lamp up to 35 watts (not included)
- Suspended by field adjustable cable
- UL and CUL Listed

Patwin

6.93"

ø2.58"

• Decorative mini glass pendant
• Open fixture rated low voltage bi-pin lamp up to 35 watts (not included)
• Suspended by field adjustable cable
• UL and CUL Listed

Ordering code

PAT1	–		–		–	

Fixture

PAT1

System

CA4	CA6	TR4	TR6	BTC	LT	NS
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST	12" – 72"
72" Standard length	Specify length (in 12" increments)

System finish

AL	PN	GB	WH
Satin aluminum	Polished nickel	Gloss black	White

Pomo

7.96"

ø2.66"

• Decorative mini glass pendant
• Open fixture rated low voltage bi-pin lamp up to 35 watts (not included)
• Suspended by field adjustable cable
• UL and CUL Listed

Ordering code

POMI	–		–		–	

Fixture

POM1
Pomo

System

CA4	CA6	TR4	TR6	BTC	LT	NS
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST	12" – 72"
72" Standard length	Specify length (in 12" increments)

System finish

AL	PN	GB	WH
Satin aluminum	Polished nickel	Gloss black	White

Suisun

Ordering code

SUS1 – ☐ – ☐ – ☐

Fixture

SUS1
Suisun

System

CA4	CA6	TR4	TR6	BTC	LT	NS
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST   12" – 72"
72" Standard length   Specify length (in 12" increments)

System finish

AL	PN	GB	WH*
Satin aluminum	Polished nickel	Gloss black	White

8.85"

ø3.68"

- Decorative mini glass pendant
- Outer glass is clear and inner glass is polar white
- Open fixture rated low voltage bi-pin lamp up to 35 watts (not included)
- Suspended by field adjustable cable
- UL and CUL Listed

Wintu

Ordering code

WTU1 – ☐ – ☐ – ☐

Fixture

WTU1
Wintu

System

CA4	CA6	TR4	TR6	BTC	LT	NS
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST   12" – 72"
72" Standard length   Specify length (in 12" increments)

System finish

AL	PN	GB	WH*
Satin aluminum	Polished nickel	Gloss black	White

8.85"

ø3.68"

- Decorative mini glass pendant
- Outer glass is clear and inner glass is polar white
- Open fixture rated low voltage bi-pin lamp up to 35 watts (not included)
- Suspended by field adjustable cable
- UL and CUL Listed

Basis Track – Micro Spot D – San Francisco, CA
Photographer: Glen Graves

Retro Glass

Ordering code

REG1 – ☐ – ☐ – ☐ – ☐ – ☐

Fixture

REG1
Retro Glass cable suspended

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST   12" – 72"
72" Standard length   Specify length (in 12" increments)

Diffuser color

VR	**SW**	**TG**	**PW**
Mt. Vernon red	Sausalito white	Turner gold	Polar white

Lamping

Leave blank for
standard MR-16
(not included)

Metal finish

AL	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

2.5"
2"
3.13"

• Decorative pendant accented with five layered hand-blown glass ring with white enamel inner casing
• Open fixture rated low voltage bi-pin or MR-16 lamp up to 50 watts (not included)
• Suspended by field adjustable cable

Ordering code

REG2 – ☐ – ☐ – ☐ – ☐ – ☐

Fixture

REG2
Retro Glass stem suspended

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST   6" – 72"
5" Standard length   Specify length (in 6" increments)

Diffuser color

VR	**SW**	**TG**	**PW**
Mt. Vernon red	Sausalito white	Turner gold	Polar white

Lamping

Leave blank for
standard MR-16
(not included)

Metal finish

AL	**PN**	**RB**
Satin aluminum	Polished nickel	Rubbed bronze

2.5"
5.13"

• Adjustable fixture accented with five layered hand-blown glass ring with white enamel inner casing
• Continuous 360° rotation and 90° pivot at the socket
• Open fixture rated low voltage bi-pin or MR-16 lamp up to 50 watts (not included)

Mini Silo

Ordering code

MSL1 – ☐ – ☐ – ☐ – ☐

Fixture

MSL1
Mini Silo cable suspended

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST	**24" – 72"**
72" Standard length	Specify length (in 12" increments)

Diffuser color

VR	**SW**	**TG**	**PW**
Mt. Vernon red	Sausalito white	Turner gold	Polar white

Metal finish

AL	**PN**	**RB**	**GB***	**WH***
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

*Available for BTC and NS only.

2"

6.75"

3.75"
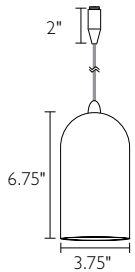
- Five layered hand-blown glass pendant with white enamel inner casing
- Open fixture rated low voltage bi-pin lamp up to 35 watts (not included)
- Suspended by field adjustable cable
- Matching canopy - mounted pendant on page 6.71

Mini Cereus

Ordering code

MCE1 – ☐ – ☐ – ☐ – ☐

Fixture

MCE1
Mini Cereus cable suspended

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST	**24" – 72"**
72" Standard length	Specify length (in 12" increments)

Diffuser color

VR	**SW**	**TG**	**PW**
Mt. Vernon red	Sausalito white	Turner gold	Polar white

Metal finish

AL	**PN**	**RB**	**GB**	**WH***
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

*Available for BTC and NS only.

2"

5.5"

5"

- Five layered hand-blown glass pendant with white enamel inner casing
- Open fixture rated low voltage bi-pin lamp up to 35 watts (not included)
- Suspended by field adjustable cable
- Matching canopy - mounted pendant on page 6.63.

Mini Patrik

Ordering code

MPK1 – ☐ – ☐ – ☐ – ☐

Fixture

MPK1
Mini Patrik cable suspended

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST   **12" – 72"**
72" Standard length Specify length (in 12" increments)

Diffuser color

VR	**SW**	**TG**	**PW**
Mt. vernon red	Sausalito white	Turner gold	Polar white

Metal finish

AL	**PN**	**RB**	**GB**∗	**WH**∗
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

∗Available for BTC and NS only.

2"
3.5"
2.5"

- Five layered hand-blown glass pendant
- Open fixture rated low voltage bi-pin lamp up to 35 watts (not included)
- Suspended by field adjustable cable
- Matching sconce on page 6.60
- Matching canopy - mounted pendant on page 6.68.

Pippa LED

Ordering code

PPL1 – ☐ – ☐ – ☐ – ☐ – ☐

Fixture

PPL1
Pippa LED cable suspended

System

CA4	**CA6**	**TR4**	**TR6**	**BTC**	**LT**	**NS**
4" Cable	6" Cable	4" Twin Rail	6" Twin Rail	Basis ceiling	Liana	No system connector

Overall length

ST   **12" – 72"**
72" Standard length   Specify length (in 12" increments)

Diffuser color

VR	**SW**	**TG**	**PW**
Mt. Vernon red	Sausalito white	Turner gold	Polar white

Lamping

N2-W	**N2-N**
One 2.4 watt LED 2700K	One 2.4 watt LED 3500K

Metal finish

AL	**PN**	**RB**	**GB**∗	**WH**∗
Satin aluminum	Polished nickel	Rubbed bronze	Gloss black	White

∗Available for BTC and NS only.

2" Max
Ø 2.56"

LED
Options

- Five layered hand-blown glass pendant with white enamel inner casing
- One 2.4W LED in 2700K or 3500K color temperature
- LED driver integral to pendant housing
- Suspended by field adjustable braided cable
- Requires remote-mounted 12V magnetic transformer
- Matching sconce on page 6.58

Translite

Accessories, transformers, and technical specifications

Condition the lighting according to your requirements with Translite's complete selection of beam-shaping, glare-control and aiming accessories.

Accessory overview

Single accessory holder
Holds one accessory. Aluminum, Polished nickel, Rubbed bronze.

Double accessory holder
Holds two accessories. Aluminum, Polished nickel, Rubbed bronze.

Snoot
Decorative accessory for directing light. Aluminum, Polished nickel, Rubbed bronze.

Lens clip
Holds one accessory. Aluminum.

Shields
Shields to fit over the back of an MR16 lamp. Solid shields prevent back glare from the lamp. Perforated shades provide a spill pattern. Use with accessory holders 940 or 945.

Decorative accessory. Not compatible with other accessories. Must use with open fixture rated lamp.

Glass accessory ring 0.8"
Aluminum, Polished nickel, Rubbed bronze.

Glass accessory ring 1.6"
Aluminum, Polished nickel, Rubbed bronze.

Diffuser colors
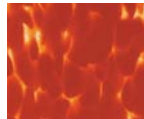
VR
Mt. Vernon red

SW
Sausalito white

TG
Turner gold
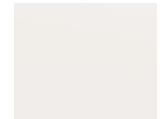
PW
Polished white

Barn doors
Assembly attaches to MR16 lamp. Black.

Lenses & filters

Honeycomb louver
Louver. 1/8" thick.

Flashed opal lens
True white layer glass. 1/8" thick. Transmission: 35%.

Sandblasted lens
Diffusing lens. 1/8" thick.

Optivex™ UV filter
Museum quality UV blocking filter. Blocks transmission below 400nm. Retards photo chemical degradation. Allows the increase of light levels without the risk of damage to display objects. 1/8" thick.

Solite softening lens
High transmission softening lens. 1/8" thick.

Skytex linear filter
Directional spread beam elongator. 1/8" thick.

Clear and colored lenses
1/8" thick. Dichroic and colored lenses are also available.

Primary colors

CL
Clear

RD
Red

BL
Blue

GR
Green

Secondary colors

MM
Medium magenta

BG
Blue green

YL
Yellow green

AM
Medium amber

Mixing color filters
1/8" thick. Filters shown together mix to white.

SP
Surprise pink

SB
Steel blue

DA
Daylight color correction

LS
Light straw

BA
Bastard amber

LP
Light pink

Accessory ordering guide

	TSA-01	TSA-02	TSA-03	TSA-04	TSA-05	TSA-06
	Closed fixture 1" aperture	Closed fixture 1.5" aperture	Open lamp MR16	Closed fixture 2" aperture	Closed fixture 3" aperture	Closed fixture 3.75" aperture
Accessory holders						
Single accessory holder (Add metal finish to part code: AL, PN, RB)	N/A	N/A	940-XX	N/A	N/A	N/A
Double Accessory Holder (Add metal finish to part code: AL, PN, RB, GB)	937-XX	939-XX	945-XX	941-XX	ET-DR-XX	N/A
Single lens clip	N/A	N/A	942	N/A	N/A	N/A
Accessories						
Snoot (Add metal finish to part code: AL, PN, RB, GB, WH)	N/A	N/A	987-XX	987-XX	N/A	N/A
Backshield (Add metal finish to part code: AL, PN, RB)	N/A	N/A	988-XX	N/A	N/A	N/A
Perforated backshield (Add metal finish to part code: AL, PN, RB)	N/A	N/A	989-XX	N/A	N/A	N/A
Honeycomb louver	995-1	995-1.5	995	995	995-R	995-26
Barn doors	N/A	N/A	984	N/A	N/A	N/A
Glass ring 0.8" (Color options: SW, VR, TG, PW)	N/A	N/A	N/A	GRA-0.8-XX	N/A	N/A
Glass ring 1.6" (Color options: SW, VR, TG, PW)	N/A	N/A	N/A	GRA-1.6-XX	N/A	N/A
Lens options						
Sandblasted lens	N/A	N/A	990	990	990-R	990-26
Solite softening lens	N/A	N/A	991	991	991-R	N/A
Skytex linear filter	N/A	N/A	992	992	992-R	N/A
Optivex UV filter	N/A	N/A	993	993	993-R	N/A
Flashed opal lens	N/A	N/A	994	994	994-R	N/A
Clear lens	996-1	996-1.5	996	996	996-R	996-26
Colored lens (Red)	N/A	N/A	996-RD	996-RD	996-R-RD	N/A
Colored lens (Green)	N/A	N/A	996-BL	996-BL	996-R-BL	N/A
Colored lens (Medium Amber)	N/A	N/A	996-AM	996-AM	996-R-AM	N/A
Colored lens (Yellow Green)	N/A	N/A	996-YL	996-YL	996-R-YL	N/A
Colored lens (Blue)	N/A	N/A	996-BL	996-BL	996-R-BL	N/A
Colored lens (Medium Magenta)	N/A	N/A	996-MM	996-MM	996-R-MM	N/A
Colored lens (Blue Green)	N/A	N/A	996-BG	996-BG	996-R-BG	N/A
Colored lens (Surprise Pink)	N/A	N/A	996-SP	996-SP	996-R-SP	N/A
Colored lens (Steel Blue)	N/A	N/A	996-SB	996-SB	996-R-SB	N/A
Colored lens (Daylight Color Correction)	N/A	N/A	996-DA	996-DA	996-R-DA	N/A
Colored lens (Light Straw)	N/A	N/A	996-LS	996-LS	996-R-LS	N/A
Colored lens (Bastard Amber)	N/A	N/A	996-BA	996-BA	996-R-BA	N/A
Colored lens (Light Pink)	N/A	N/A	996-LP	996-LP	996-R-LP	N/A

Transformers reference & technical

Premium quality, feature-rich transformers to fit

Selecting a transformer

All open conductor low voltage lighting systems require a transformer. A transformer reduces the input voltage of 120/277 volts to safe-to-touch 12 or 24 volts. The total wattage of a low voltage lighting system is determined by the output wattage of the transformer. For example, a 300 watt transformer can power up to six 50 watt heads (6 × 50 = 300). Transformers are available in a variety of types, sizes and mounting styles to meet your specification.

Magnetic vs. electronic transformers

Magnetic transformers are known for their reliability and ease of dimming. All Translite Systems magnetic transformers are supplied with a breaker in case of a short circuit. Electronic transformers are smaller and lighter than magnetic transformers and have the added advantage of an auto-reset feature in case of a short circuit. Electronic transformers auto-reset feature allows them to be reset from the wall switch.

Remote transformer selection

Remote mounting the transformer provides a clean minimalist look that will not detract from the beauty of the space. Also, remote mounting the transformer is the only way to guarantee a noise free installation. The transformer should be installed in an accessible remote location such as a closet. Once the transformer is installed, electrical wire is used to connect the transformer to a power feed canopy or power bolts. Using the correct gauge wire to connect the transformer to the track is essential for providing the desired voltage at the fixture. The wire gauge used to supply power to the track should be sized according to the distance between the transformer and the track. (See Voltage drop chart, below.)

Decorative surface mount transformer selection

Decorative surface mount transformers are the perfect solution for remodel applications or when there is not an accessible location to remote mount a transformer. Surface mount transformers mount to a junction box in the wall or ceiling and should be located either directly under the track or within a few feet of the track. The power feed connector for the track system is supplied with the surface mount transformer.

Dimming

Dimming a low voltage transformer may cause voltage drop even when the dimmer is set at full output. Lower voltage from the transformer results in less light output from the fixtures. Most Translite Systems magnetic transformers are supplied with a secondary tap to compensate for possible voltage drop when using a dimmer. Use a magnetic low voltage dimmer for magnetic transformers and an electronic low voltage dimmer for electronic transformers.

Voltage drop chart 5-30 feet		**D**	**%**	**D**	**%**	**D**	**%**	**D**	**%**	**D**	**%**	**D**	**%**
D = Distance		Volts	Light	Volts	Light	Volts	Light	Volts	Light	Volts	Light	Volts	Light
% = Light output	AWG	5'	output	10'	output	15'	output	20'	output	25'	output	30'	output
No dimmer TAP #1	#10	12.0	100%	11.7	92%	11.5	85%	11.2	78%	11.0	72%	10.7	66%
No dimmer TAP #1	#8	12.1	103%	11.9	98%	11.8	94%	11.6	89%	11.5	85%	11.3	81%
No dimmer TAP #2	#10	12.5	116%	12.3	108%	12.0	100%	11.7	92%	11.5	85%	11.2	79%
No dimmer TAP #2	#8	12.6	120%	12.5	115%	12.3	110%	12.2	105%	12.0	100%	11.8	95%
With dimmer TAP #2	#10	12.0	100%	11.7	92%	11.5	85%	11.2	78%	11.0	72%	10w.7	66%
With dimmer TAP #2	#8	12.1	103%	11.9	98%	11.8	94%	11.6	89%	11.5	85%	11.3	81%

Voltage drop chart 35-60 feet		**D**	**%**	**D**	**%**	**D**	**%**	**D**	**%**	**D**	**%**	**D**	**%**
D = Distance		Volts	Light	Volts	Light	Volts	Light	Volts	Light	Volts	Light	Volts	Light
% = Light output	AWG	35'	output	40'	output	45'	output	50'	output	55'	output	60'	output
No dimmer TAP #1	#10	10.4	60%	10.2	55%	9.9	50%	9.7	46%	9.4	41%	9.1	37%
No dimmer TAP #1	#8	11.2	77%	11.0	73%	10.8	69%	10.7	66%	10.5	62%	10.4	59%
No dimmer TAP #2	#10	11.0	72%	10.7	66%	10.4	61%	10.2	55%	9.9	50%	9.7	46%
No dimmer TAP #2	#8	11.7	91%	11.5	86%	11.4	82%	11.2	78%	11.1	74%	10.9	71%
With dimmer TAP #2	#10	10.4	60%	10.2	55%	9.9	50%	9.7	46%	9.4	41%	9.1	37%
With dimmer TAP #2	#8	11.2	77%	11.0	73%	10.8	69%	10.7	66%	10.5	62%	10.4	59%

All of our transformers comply with guidelines established by the National Electrical Code, with a maximum wattage on a 12 volt system at 300 watts per feed and maximum wattage on a 24 volt system at 600 watts per feed. Voltages are approximate and variations will occur depending upon the load, primary input voltage, and resistance of the system's component parts. Not applicable for AC electronic transformers. Number of Lamps × Lamp Wattage = Total Wattage (300W maximum per 25A breaker)

Remote transformers

50, 100, 150, 300 or 600 watt remote mount magnetic transformer (TSQ50, TSQ100, TSQ150, TSQ300, TSQ600)
- Single 120v input with single 50 watt (TSQ50), single 100 watt (TSQ100), single 150 watt (TSQ150), single 300 watt (TSQ300), or dual 300 watt (TSQ600) low voltage 12v output
- Remote mount transformer must be installed in any vertical or horizontal orientation in an accessible area
- May be fully loaded for designated wattage
- Manufactured by Q-Tran specifically for low voltage lighting systems
- Dual primary taps are provided to compensate for voltage drop occurring from dimming or long wire leads from remote location. Refer to voltage drop chart for wiring information on page 2.131.
- Compatible with low voltage magnetic dimmers
- Choke or (debuzzing coil) is provided for quiet operation
- A primary auto-reset thermal circuit breaker protects the transformer from overloads
- Fast acting circuit breaker on each secondary output provides protection against short circuit (15 amp for TSQ150; 25 amp for TSQ300/600)

Note: Consult factory for 24 volt options.

Ordering code

TSQ ☐ – ☐

Wattage

Code

50   100   150   300   600
(2x300)

Option

A
277v

5.75"
(14.61cm) 2.5"
(6.35cm)

8.630"
(21.92cm)

TSQ150 / TSQ300

7"
(17.78cm) 3.5"
(8.89cm)

11"
(27.94 cm)

TSQ600
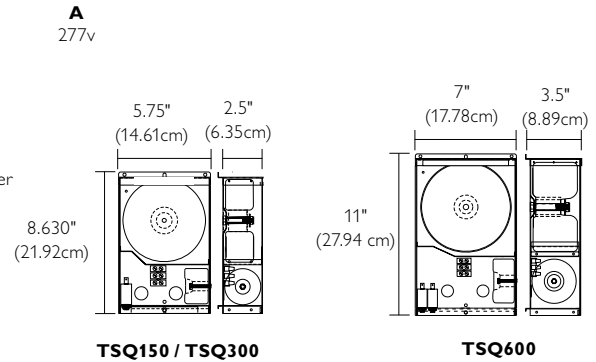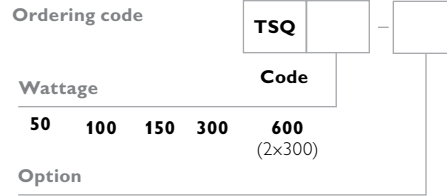
Dual input / dual output 600 watt remote mount magnetic transformer (TSQ2X300)
- Dual 120v inputs with dual 300 watt low voltage 12v outputs
- Remote mount transformer must be installed in any vertical or horizontal orientation in an accessible area
- May be fully loaded for 300 watts per circuit
- Manufactured by Q-Tran specifically for low voltage lighting systems
- Dual primary taps are provided to compensate for voltage drop occurring from dimming or long wire leads from remote location. Refer to voltage drop chart for wiring information on page 2.131.
- Compatible with low voltage magnetic dimmers
- Choke or (debuzzing coil) is provided for quiet operation
- A primary auto-reset thermal circuit breaker protects the transformer from overloads
- Fast acting 25 amp circuit breaker on each secondary output provides protection against short circuit

Note: Consult factory for 24 volt options.

Ordering code

TSQ2X300 – ☐

Code

Option

A
277v

7"
(17.78cm) 3.5"
(8.89cm)

11"
(27.94cm)

---
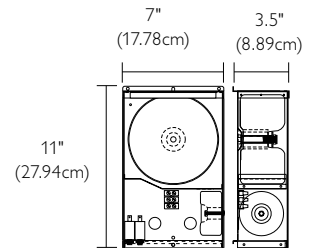
300 watt remote or surface mount magnetic transformer (PS6)
- Single 120v input with single 300 watt low voltage 12v output
- Transformer may be installed in any orientation in an accessible area
- May be fully loaded for 300 watts
- Single primary tap design. Refer to voltage drop chart for wiring information on page 2.131.
- Compatible with low voltage magnetic dimmers
- Choke or (debuzzing coil) is provided for quiet operation
- Fast acting 25 amp circuit breaker on secondary output provides protection against short circuit

Ordering code

PS6 – ☐ – BR

Code

Metal finish

AL
Satin
aluminum

PN
Polished
nickel

BK
Black

WH
White

2.5"
(6.35cm)

10"
(25.4cm)

6"
(15.24cm)
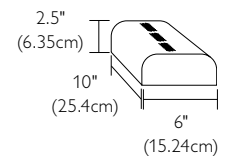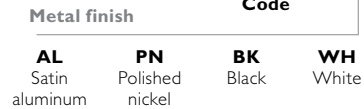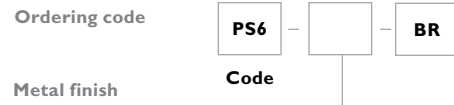
Remote transformers

Ordering code

TST	
	Code

Wattage

300 **600**
(2×300)

300 or 600 watt remote mount magnetic transformer (TST300, TST600)
- Single 120v input with single 300 watt (TST300) or dual 300 watt (TST600) low voltage 12v outputs
- Remote mount transformer may be installed in any orientation in an accessible area
- May be fully loaded to designated wattage
- Dual primary taps are provided to compensate for voltage drop occurring from dimming or long wire leads from remote location. Refer to voltage drop chart for wiring information on page 2.131.
- Compatible with low voltage magnetic dimmers
- Fast acting circuit breaker on secondary output provides protection against short circuit

TST300

6.75"
(17.14cm)

4.75"
(12.06cm)

3.29"
(8.35cm)

TST600

7.75"
(19.69cm)

4.75"
(12.06cm)

4.19"
(10.64cm)
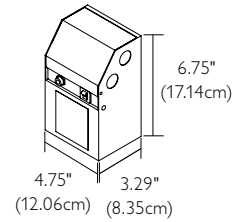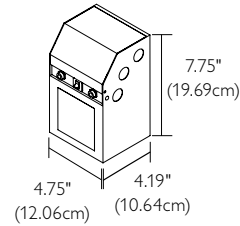
Ordering code

502	–	
	Code	

PVC jacket

BK
Black

Power feed cable (502)
Power feed cable is a stranded copper dual conductor, insulated with a PVC jacket. Delivers 12v power from transformer to the track. Not for use in conduit or in any inaccessible space. Not plenum rated. Cable is 10 AWG.
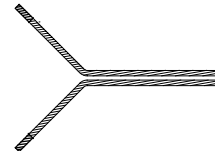
Ordering code

503
Code

Teflon™ coated power cable (503)
Teflon coated power cable is a stranded copper, single conductor, insulated with Teflon. Not suitable for use in a plenum. Local codes may differ. Delivers 12v power from transformer to track. Cable is 8 AWG.

Standard track heads

Contents

Miniforms

Lytespan low voltage

Miniforms combine miniature size and miniature transformer design for a clean approach to accent lighting. The compact, contemporary forms incorporate a vertical electronic transformer for stylish, yet economical, accent lighting.

Features

- Efficient and reliable electronic transformer provides silent dimming with Philips Lightolier "QE" dimmers.
- Compatible with Philips Lightolier "VA" dimmers if derated 50%.
- Painted finishes include: matte white, matte black and metallic aluminum (some models).
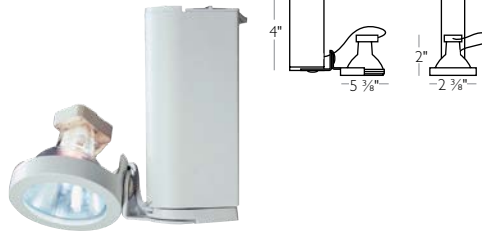
MR16 Shallow ring

Shallow ring

Cat. no.	Description
9175NWH	Matte white
9175NBK	Matte black

Lamping: MR16 Bi-Pin 75W max.

MR16 Mini cylinder
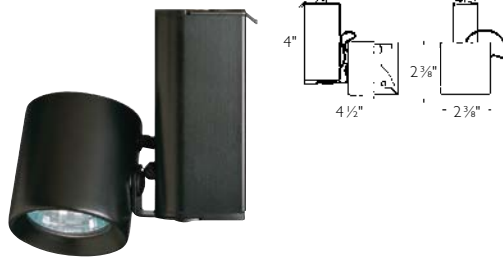
Mini cylinder

Cat. no.	Description
9173BWH	Matte white
9173BBK	Matte black
9173BAL	Aluminum

Lamping: MR16 Bi-Pin 50W max.

Dramalux

Lytespan low voltage

PAR36 Dramalux

PAR36 lamps can be either halogen or conventional incandescent. A larger reflector, lens and filament shield produce a precise and smooth beam without glare.

Prevue

Cat. no.	Description
7637	Matte white
7638	Matte black

Lamping: PAR36 5.5v 25W max.
PAR36 12v 50W max.

Accessories: Accepts two accessories.

Diffusion/special filters: AF4 series.

Color filters: ADF4 series.

Louver: AL4 series.

Geostar

Lytespan low voltage

MR16 Bi-Pin lamps are small, reflectorized halogen sources with a bi-pin base. Most have a dichroic reflector which allows heat to escape through the back to significantly reduce the warmth of the light beam.

MR16 Geostar vertical

4"

3¼"

4½"

2⅝"
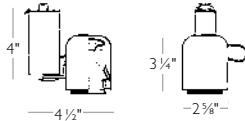
Electronic

Cat. no.	Description
6255WH	Matte white
6255BK	Matte black

Lamping: MR16 Bi-Pin 37W max.
Accessories: Accepts one accessory.
Framing projector: 6497.
Diffusion/special filters: AF2 series.
Color filters: ADF2 series.

Noise and low voltage fixtures

There is some noise produced by magnetic low voltage fixtures, especially when dimmed. This noise can be audible depending on the level of background noise and the absorbency of surrounding surfaces. We do not recommend the use of dimmed magnetic low voltage fixtures in very quiet environments such as private homes and galleries.

MR16 Geostar

4½"

7½"
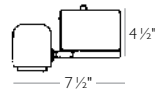
Magnetic

Cat. no.	Description
8172WH	Matte white
8172BK	Matte black

Lamping: MR16 Bi-Pin 50W max.
Accessories: Accepts one accessory.
Framing projector: 6497
Diffusion/special filters: AF2 series.
Color filters: ADF2 series.

Traditional

Lytespan low voltage

Traditional MR16 Cylinder

9"

7"

3"
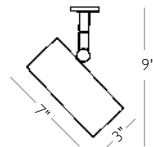
Magnetic

Cat. no.	Description
6411	Matte white
6410	Matte black

Lamping: MR16 Bi-Pin 50W max.
Accessories: Accepts one accessory.
Diffusion/special filters: AF2 series.
Color filters: ADF2 series.
Louver: 7472 (Hex Cell).

Symbol indicates compatibility with extension wands, sloped ceiling adapter and clamp-on monopoint.

Par-Tech

Lytespan line voltage

Lytespan's Par-Tech delivers high impact lighting by combining compact halogen light sources with a versatile and adaptable line of fixtures. Designed specifically for the PAR16, PAR20, PAR30, and PAR38 lamps, their crisp, white light creates the dramatic effects of low voltage lighting without the need for transformers. The complete Par-Tech offering includes two unique adapters, twist-on shades, and accessories.

Low Profile

The compact, sculptural style of Low Profile Par-Tech is perfect for tight spaces such as troughs or other architectural enclosures. Par-Tech fixtures are ruggedly constructed of die-cast aluminum and vented for cool operation. Accessory holder is required when accessories such as spread lenses, color filters or louvers are being used.
For Accessories see page 2.8.

Adjustable low profile adapter

8201AWH	PAR16, 75W max.
8201ABK	PAR20, 50W max.
	PAR30, 75W max.
	PAR38, 150W max.
56265	floor pole

1" diameter floor pole is 8-feet long and made of lightweight, non-conductive fiberglass.

(For use with 8201A Adapters only.)

Low profile adapter

8201WH	R20, 75W max.
8201BK	R30, 100W max.
	PAR16, 75W max.
	PAR20, 50W max
	PAR30, 75W max
	PAR38, 75W max.

3 ³⁄₁₆"   1 ⁷⁄₈"

Par-Tech shades

Catalog #	Finish (Add Suffix)	Name	Size
8216			Par 16
8226	**WH, BK**	Par-Tech cylinder shade	Par 20
8236			Par 30
8215			Par 16
8225	**WH, BK**	Par-Tech cone shade	Par 20
8235			Par 30
8217	Sylvania PAR16 only		Par 16
8227			Par 20
8237	**WH, BK**	Par-Tech bezel shade	Par 30
8247			Par 38
8228			Par 20
8238	**WH, BK**	Par-Tech ring shade	Par 30
8248			Par 38
8229	**WH, BK**	Par-Tech mesh shade	Par 20
8239			Par 30

PAR20 mesh shade

5 ½"   3 ⁵⁄₈"
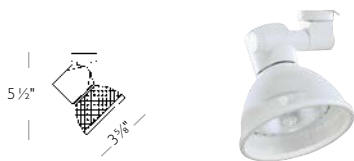
8201WH/8229WH
8201BK/8229BK
PAR20 50W max.

PAR30 mesh shade

6 ³⁄₈"   4 ¾"

8201WH/8239WH
8201BK/8239BK
PAR30 75W max.

PAR 16 bezel shade

3 ¹¹⁄₁₆"   4 ⁹⁄₁₆"   2 ¹⁵⁄₁₆"

8201WH/8217WH
8201BK/8217BK
PAR16 60W max.

Accessory holder: 8591

Accessories: One AF2 or ADF2 series.

Note: Not for use with AL2HC.

Symbol indicates compatibility with extension wands, sloped ceiling adapter and clamp-on monopoint.

Par-Tech

Lytespan line voltage

PAR20 Bezel shade

**8201WH/8227WH
8201BK/8227BK**
PAR20 50W max.

Accessory holder: 8592

Accessories: One AF25 diffusion, ADF25 color filters or AL25 series.

PAR30 Bezel shade

**8201WH/8237WH
8201BK/8237BK**
PAR30 75W max.

Accessory holder: 8593

Accessories: One AF3 diffusion, ADF3 color filters or AL3 series.

PAR38 Bezel shade

**8201WH/8247WH
8201BK/8247BK**
PAR38 150W max.

Accessory holder: 8595

Accessories: Two AF4, ADF4 or AL4 series.

PAR16 Cone shade
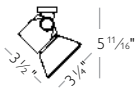
**8201WH/8215WH
8201BK/8215BK**
PAR16 75W max.

Accessory holder: 8581

Accessories: Two AF2, ADF2 or AL2 series. (60W max. w/accessories)

Note: Not for use with AL2HC.

PAR20 Cone shade

**8201WH/8225WH
8201BK/8225BK**
PAR20 50W max.

Accessory holder: 8582

Accessories: Two AF25, ADF25 or AL25 series.

PAR30 Cone shade

**8201WH/8235WH
8201BK/8235BK**
PAR30 75W max.

Accessory holder: 8583

Accessories: Two AF3, ADF3 or AL3 series.

PAR16 Cylinder shade
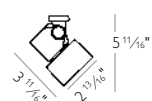
**8201WH/8216WH
8201BK/8216BK**
PAR16 75W max.

Accessory holder: 8581

Accessories: Two AF2, ADF2 or AL2 series. (60W max. w/accessories)

Note: Not for use with AL2HC.

PAR20 Cylinder shade
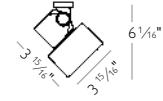
**8201WH/8226WH
8201BK/8226BK**
PAR20 50W max.

Accessory holder: 8582

Accessories: Two AF25, ADF25 or AL25 series.

PAR30 Cylinder shade
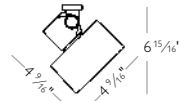
**8201WH/8236WH
8201BK/8236BK**
PAR30 75W max.

Accessory holder: 8583

Accessories: Two AF3, ADF3 or AL3 series.
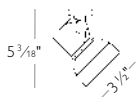
PAR20 Ring shade

**8201WH/8228WH
8201BK/8228BK**
PAR20 50W max.

Accessory holder: 8582

Accessories: Two AF25, ADF25 or AL25 series.
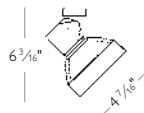
PAR30 Ring shade

**8201WH/8238WH
8201BK/8238BK**
PAR30 75W max.

Accessory holder: 8583

Accessories: Two AF3, ADF3 or AL3 series.

PAR38 Ring shade
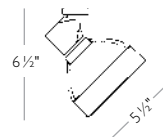
**8201WH/8248WH
8201BK/8248BK**
PAR38 150W max.

Accessory holder: 8595

Accessories: Two AF4, ADF4 or AL4 series.

Note: Par-Tech Lytespots for use with short neck PAR lamps only. For accessories see page 2.8.

Hinged Par-Tech

Lytespan line voltage

Features a modular adapter that can stand alone or be used with a bezel, cone or cylindrical shade available in three sizes. A hinged, chrome-plated steel lever cradles the lamp holder and permits adjustment up to 90° from vertical. Die-cast aluminum shades with bayonet mount attach with simple twist-action. Shades hug the lamp profile and may be used with hex cell louver, beam elongator and beam smoother; barn doors for PAR16, 20, or 30 bezel only.

For Accessories see page 2.8.

Hinged adapter

8202WH
8202BK

R20, 75W max.
R30, 100W max.
PAR16, 75W max.
PAR20, 50W max.
PAR30, 75W max.
PAR38, 75W max.

PAR16 Bezel shade
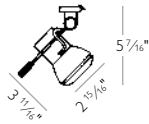
8202WH/8217WH
8202BK/8217BK
PAR16 60W max.

Accessory holder: 8591

Accessories: One AF2 diffusion, ADF2 color filter series.

Note: Not for use with AL2HC.

PAR20 Bezel shade

8202WH/8227WH
8202BK/8227BK
PAR20, 50W max.

Accessory holder: 8592

Accessories: One AF25 diffusion, ADF25 color filters, AL25 series., 8542BK

PAR30 Bezel shade

8202WH/8237WH
8202BK/8237BK
PAR30, 75W max.

Accessory holder: 8593

Accessories: One AF3, ADF3 or AL3 series., 8543BK

PAR38 Bezel shade
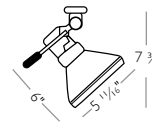
8202WH/8247WH
PAR38 150W max.

Accessory holder: 8595

Accessories: Two AF4, ADF4 or AL4 series.

PAR20 Mesh shade
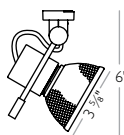
8202WH/8229WH
8202BK/8229BK
PAR20 50W max.

PAR30 Mesh shade
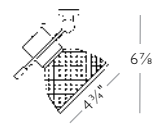
8202WH/8239WH
8202BK/8239BK
PAR30 75W max.

Symbol indicates compatibility with extension wands, sloped ceiling adapter and clamp-on monopoint.

PAR16 Cone shade

5 11/16"
3 1/2"   3 1/4"

8202WH/8215WH
8202BK/8215BK
PAR16 75W max.

Accessory holder: 8581

Accessories: Two AF2 or ADF2 series.
(60W max. w/accessories)

Note: Not for use with AL2HC.

PAR20 Cone shade

6 1/8"
3 13/16"   4"
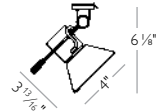
8202WH/8225WH
8202BK/8225BK
PAR20 50W max.

Accessory holder: 8582

Accessories: Two AF25 diffusion,
ADF25 or AL25 series.

PAR30 Cone shade

6 15/16"
7 1/4"   5 1/4"
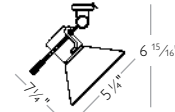
8202WH/8235WH
8202BK/8235BK
PAR30 75W max.

Accessory holder: 8583

Accessories: Two AF3 Diffusion, ADF3 or AL3 series.

PAR16 Cylinder shade

5 11/16"
3 11/16"   2 13/16"
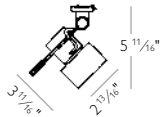
8202WH/8216WH
8202BK/8216BK
PAR16 75W max.

Accessory holder: 8581

Accessories: Two AF2 or ADF2 series.
(60W max. w/accessories)

Note: Not for use with AL2HC

PAR20 Cylinder shade

6 1/16"
3 15/16"   3 5/16"

8202WH/8226WH
8202BK/8226BK
PAR20 50W max.

Accessory holder: 8582

Accessories: Two AF25 diffusion,
ADF25 or AL25 series.

PAR30 Cylinder shade

6 15/16"
4 9/16"   4 9/16"
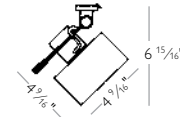
8202WH/8236WH
8202BK/8236BK
PAR30 75W max.

Accessory holder: 8583

Accessories: Two AF3 diffusion, ADF3 or AL3 series.

PAR20 Ring shade

5 7/8"
3 1/8"
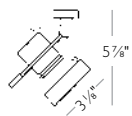
8202WH/8228WH
8202BK/8228BK
PAR20, 50W max.

Accessory holder: 8582

Accessories: Two AF25 diffusion,
ADF25 or AL25 series.

PAR30 Ring shade

1 1"
7 3/4"
4 7/16"
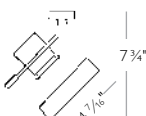
8202WH/8238WH
8202BK/8238BK
PAR30 75W max.

Accessory holder: 8583

Accessories: Two AF3 diffusion, ADF3 or AL3 series.

PAR38 Ring shade

7 1/2"
5 1/2"

8202WH/8248WH
8202BK/8248BK
PAR38 150W max.

Accessory holder: 8595

Accessories: Two AF4, ADF4 series. (All)

Lasso

Lytespan line voltage

A striking combination of miniature size, halogen light and elegant style. This unique Lytespot is formed from sturdy chrome-plated steel and joined to an adjustable die-cast aluminum adapter. Provides crisp, white halogen light with a choice of PAR20, PAR30, or PAR38 lamps. Produces the distinctive white light of low voltage without the need for transformers. The lamp fits snugly into a resilient silicone collar that traps spill light. Accessories include hex cell louver, spread lens, beam smoother, barn doors and color filters.

Lasso 20

8257WH   Matte white
8257BK   Matte black
PAR20 50W max.
Accessory holder: 8592
Accessories: One AF25 diffusion, ADF25 or AL25 series., 8542BK

Lasso 30

8258WH   Matte white
8258BK   Matte black
PAR30 75W max.
Accessory holder: 8593
Accessories: One AF3 diffusion, ADF3 or AL3 series. 8543BK

Lasso 38

8259WH   Matte white
8259BK   Matte black
PAR38 150W max.
(90W max. w/accessory)
Accessory holder: 8594
Accessories: AF4 or ADF4 series. (All), 8544BK

Theatrical Lytespots

Influenced by the aesthetics of stage lighting, Theatrical Lytespots combine dramatic style with affordability. Line voltage styles are designed around the proportions of the PAR30 lamp but can use a PAR38 lamp as well. An external accessory holder is not required for these Lytespots making them an extraordinary value. One unit has an integral barn door and the other unit features an integral accessory cartridge that can accommodate up to 2 accessories -simultaneously. For accessories see pages 2.8.

Theatrical Lytespot with integral barn door
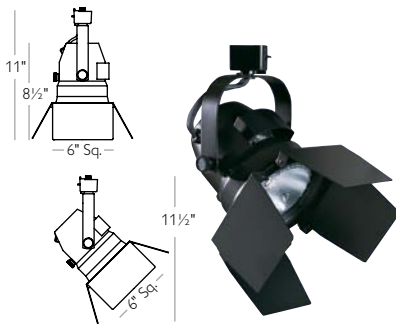
8270WH   Matte white
8270BK   Matte black
PAR30 75W Max.
PAR38 150W Max.

Theatrical Lytespot with integral accessory cartridge
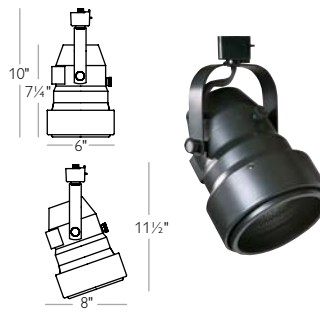
8269WH   Matte white
8269BK   Matte black
PAR30 75W Max.
PAR38 150W Max.
Accessories: Two AF4, ADF4 or AL4 Series

Symbol indicates compatibility with extension wands, sloped ceiling adapter and clamp-on monopoint.

Dramalux

Lytespan line voltage

When it comes to lighting galleries, museums, institutions and large retail interiors, Dramalux offers the perfect blend of performance, flexibility and durability. Each fixture can produce a wide range of lighting effects thanks to integral spring clips that support accessories such as color filters, spread lenses, louvers and barn doors. Easy "back door" access permits lamp changes without disturbing the accessories. The Dramalux wall washer, creates special light distributions in housings that are coordinated with the core, Line voltage Dramalux Lytespots. The Dramalux family of products can solve the most demanding lighting problems while maintaining a consistent aesthetic.

For accessories see pages 2.8.

Dramalux PAR38

12 ⅛"
7½"
5½"
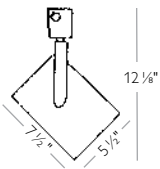
| **7631** | Matte white |
| **7630** | Matte black |

PAR38 250W max.

PAR38 Cool Beam 150W max.

Accessories: Two AL4, ADF4 or AF4 series. (All), 7650

(150W max. w/accessories)

Dramalux wall washer

For uniform vertical surface illumination. At 30° from vertical, it illuminates to ceiling line with no scalloping. Features embossed aluminum reflector and spread lens.

14½"
9"
5½"
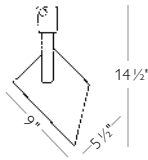
| **7531** | Matte white |

PAR38/3FL 150W max.

Traditionals

Lytespan line voltage

For style, quality and value, nothing outperforms Philips Lightolier's Traditional series. These popular Lytespots come in a variety of shapes and sizes and feature crisply defined contours, concealed fasteners and dressed and concealed wiring. The Traditional series provides maximum value at reasonable cost.

Economical spotlights that provide a strong punch of accent light. Feature a compression molded, matte black step baffle to minimize glare. Lamp is regressed to provide shielding. For accessories see pages 2.8.

Basic cylinder	PAR20	PAR30	PAR38
	8⅝" / 6" / 3½"	10⅝" / 7¼" / 4⅝"	13" / 7⅝" / 6⅛"
	6357 Matte white	**6352** Matte white	**6353** Matte white
	6355 Matte black	**6350** Matte black	**6351** Matte black
	R20 75W max.	PAR30 75W max.	PAR38 250W max.
	PAR20 50W max.		
	PAR16 75W max.		
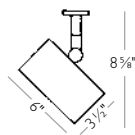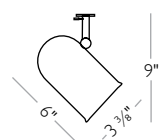
Roundback	PAR20	PAR30	PAR38
	9" / 6" / 3⅜"	9¾" / 7" / 4½"	11¼" / 7½" / 5¾"
	9120WH Matte white	**9530WH** Matte white	**9538WH** Matte white
	9120BK Matte black	**9530BK** Matte black	**9538BK** Matte black
	A19, R20, PAR16 75W max.	A19 100W max.	PAR38 150W max.
	PAR20 50W max.	PAR16, PAR30 75W max.	
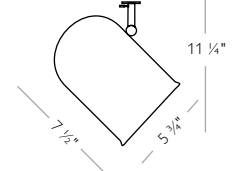
Step cylinder	PAR20	PAR30	PAR38
	9" / 6" / 3⅜"	9½" / 7" / 4½"	10½" / 6⅞" / 5⅜"
	9220WH Matte white	**9630WH** Matte white	**9638WH** Matte white
	9220BK Matte black	**9630BK** Matte black	**9638BK** Matte black
	A19, R20, PAR16 75W max. PAR20 50W max.	A19, PAR16, PAR30 75W max.	PAR38 150W max.
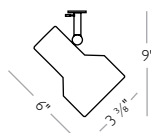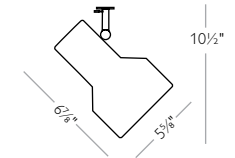
Symbol indicates compatibility with extension wands, sloped ceiling adapter and clamp-on monopoint.

Universal housing
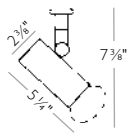
Versatile housing with a sliding socket can accommodate a variety of lamps.

6320   Matte white

6322   Matte black

PAR16 75W max.

All R20, PAR38, ER30 and R40

Screw base lamps from 30W to 300W.

All R20, PAR20, PAR30, PAR38 and R40.

Mini universal
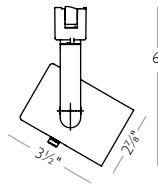
9021WH   Matte white

9021BK   Matte black

PAR16, R20, PAR20, PAR30

and PAR38 from 30W to 250W.

Mini swivel
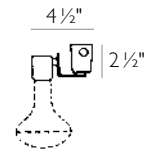
7610   Matte white

PAR16 75W max.

R20 75W max.

PAR20 50W max.

PAR30 75W max.

PAR38 250W max.

Basic PAR30 ring

Economical PAR30 ring.

front relamping.

9023WH   Matte white

9023BK   Matte black

9023AL   Matte aluminum

PAR30 75W max.

Basic PAR38 ring
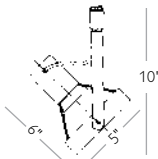
Economical PAR38 ring.

front relamping.

9022WH   Matte white

9022BK   Matte black

9022AL   Matte aluminum

PAR38 250W max.

PAR20 ring
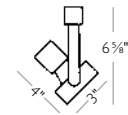
6278WH   Matte white

6278BK   Matte black

PAR20 50W max.

PAR30 Ring
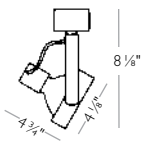
Two-piece lamp ring minimizes stray light from edge of lamp.

6282   Matte white

6283   Matte black

PAR30 75W max.

56457   Set of 3

Accessory clips.
For use with 6282 and 6283, accepts louver AL3HC only.

PAR38 Ring
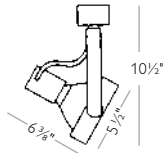
6284   Matte white

6285   Matte black

PAR38 250W max.

Accessories: AF4, ADF4, or AL4 series., 7650

(150W max. w/accessories)

Wall washer accessory

Integral clips allow a variety of accessories, including Wall washer with built-in reflector and spread lens.

6487   Matte white

6488   Matte black

For use on 6284, 6285.

Standard track options

Contents

Radius, Basic and Advent

Lytespan line voltage

Basic one-circuit track and Advent two-circuit track offer an incredibly flexible system built around three separate track options – Individual, Joiner and Plain – so you can choose exactly what is required for the job. Their "H" beam construction provides maximum rigidity whether surface, pendant or recessed mounted. Our U-shaped conductor also provides superior surface contact with the fixture and power feed connectors.

Lytespan's Suspension Beam housings enclose Basic and Advent track sections and provide a sturdy profile whether suspended on stems or cables.

Radius track, a sleek and streamlined look that blends easily into any ceiling. And like all Lytespan track, it can accompany any Philips Lightolier Lytespot ever built.

Philips Lightolier's three-year warranty assures that each and every Lytespan track product meets your tough standards. It's what you would expect from Philips Lightolier – the company that pioneered track lighting.

Radius

Width 1 3/8"
Height 1/2"
page 2.150

Basic

Width 1 5/32"
Height 3/4"
page 2.115

Advent

Width 1 5/32"
Height 1 3/32"
page 2.115

Radius

Lytespan - Track

Radius is sleek and streamlined, with a soft, rounded style that blends easily into any decor. Its slim and compact dimensions allow it to virtually disappear into the space. Economical, versatile and elegant, Radius truly sets a new standard in track. Radius is a single circuit track with a capacity of 20 amps at 120V per branch circuit. It can be either surface or stem mounted and used in continuous runs or patterns. Radius can also be field cut. For more detailed information see application guide, page 2.158.

Plain track

Includes one dead end cover and hardware.

2-foot		6-foot	
9102WH	Matte white	**9106WH**	Matte white
9102BK	Matte black	**9106BK**	Matte black
4-foot		8-foot	
9104WH	Matte white	**9108WH**	Matte white
9104BK	Matte black	**9108BK**	Matte black
9104RA	Raw aluminum	**9108RA**	Raw aluminum
		Width:	1 3/8"
		Height:	1/2"

Cord & plug

Includes 15' 2-conductor cord and plug set with in-line switch. Capacity, 6 amps at 120V. Not U.L. Listed.

9162WH	Matte white
9162BK	Matte black

Surface feed connector

For feeding power from surface conduit with 1/2 – 14 IPS connector (by others).

Live end included.

9147WH	Matte white
9147BK	Matte black

Live end canopy

Includes live end. Junction box feed.

9160WH	Matte white
9160BK	Matte black

Live end power feed

Electrifies track from beginning of run.

9148WH	Matte white
9148BK	Matte black

Saddle canopy kit

Includes one dead end cover.

Mounts to any point along track for power feed from 3" or 4" octagonal outlet box.

9163WH	Matte white
9163BK	Matte black

T-bar canopy

Includes live end. Suspended ceiling feed.

9196WH	Matte white
9196BK	Matte black

Replacement dead end cover

56430WH   Matte white
56430BK   Matte black

Mini-coupler

Invisible spline for joining two track sections. Not a power feed point.

9149WH   Matte white
9149BK   Matte black

Combination "l" / in-line connector

*Includes both straight & 90° cover
*Flush non-feed
9150WH   Matte white
9150BK   Matte black

*Feed
9155WH   Matte white
9155BK   Matte black

"T" Feed connector

9151WH   Matte white
9151BK   Matte black

Variable angle connector

Adjusts 90° in both directions.
Not a power feed point.
9153WH   Matte white
9153BK   Matte black

Outlet box cover

For use with Feed L/In-Line Connector 9155, 9150 and "T" 9151. Mounts directly on connector.

9060WH   Matte white
9060BK   Matte black

Stem wire cover

For use with stem mounting kits. Covers wiring from stem to power feed connector.

9187WH   Matte white
9187BK   Matte black
12 1/4" Long and 1 1/8" Wide

Stem mounting kits

18" stem kit
9184WH   Matte white
9184BK   Matte black
36" stem kit
9185WH   Matte white
9185BK   Matte black
48" stem kit
9186WH   Matte white
9186BK   Matte black

Note:
1) Stems for Radius track cannot be field cut.
2) Stems cannot be mounted directly to track connectors.

T-bar mounting clips for square-edge ceiling panels
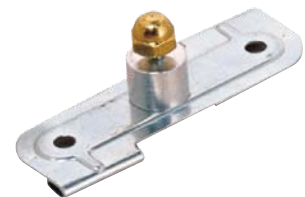
(set of 9)
9189
9189WH   Matte white

T-bar mounting clips for regressed-edge ceiling panels
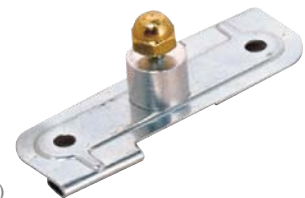
(set of 9)
9188
9188WH   Matte white

Lytespan - Track

Basic one-circuit track

Basic Lytespan track can be mounted in a variety of surface or stem patterns, installed vertically or horizontally on walls, and be cut in the field. Basic track can also be used with suspension beam or recessed housings. Capacity is 20 amps at 120V per branch circuit. For straight runs, order one 2-foot, 4-foot or 8-foot Individual Track section and as many 8-foot Joiner sections as required including each straight run of track between intercepts. For added convenience and economy, plain track can be used in place of individual track in applications not requiring a live-end, such as for patterns.

Advent one or two-circuit track

Advent can be mounted in a variety of surface or stem patterns, installed vertically or horizontally on walls, and be cut in the field. Advent can also be used with Suspension Beam or Recessed Housings. Total track capacity is 40 amps when supplied by a 120/240V three-wire branch circuit. A choice of power feeds is available, all of which allow a variety of configurations powered at any point. For straight runs, order one 4-foot or 8-foot Individual Track section plus as many 8-foot Joiner Track sections as required including each straight run of track between intercepts. For added convenience and economy, Plain Track can be used in place of Individual Track in applications not requiring a live end such as with patterns.

Note: Philips Lightolier does not recommend dimming of circuits with shared neutrals.

For more detailed information see application guide, page 2.3.

Individual

Joiner

Plain

Basic - individual track

Includes live end, dead end cover and hardware.

2-foot		8-foot	
6000NWH	Matte white	**6002NWH**	Matte white
6000NBK	Matte black	**6002NBK**	Matte black
6000NAL	Matte aluminum	**6002NAL**	Matte aluminum
4-foot		Width 1 5/32"	
6001NWH	Matte white	Height 3/4"	
6001NBK	Matte black		
6001NAL	Matte aluminum		

Basic - plain track
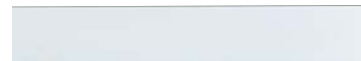
Includes dead end cover and hardware.

45 1/4 inches		93 1/4 inches	
6004NWH	Matte white	**6008NWH**	Matte white
6004NBK	Matte black	**6008NBK**	Matte black
6004NAL	Matte aluminum	**6008NAL**	Matte aluminum
141 1/4 inches			
6012NWH	Matte white		
6012NBK	Matte black		

Basic - joiner track

Includes concealed mini-coupler and hardware.

8-foot	
6003NWH	Matte white
6003NBK	Matte black
6003NAL	Matte aluminum

Advent - individual track

Includes live end, dead end cover and hardware.

4-foot		8-foot	
6101NWH	Matte white	**6102NWH**	Matte white
6101NBK	Matte black	**6102NBK**	Matte black
6101NAL	Matte aluminum	**6102NAL**	Matte aluminum
		Width 1 5/32"	
		Height 1 3/32"	

Advent - plain track
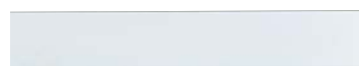
Includes dead end cover and hardware.

43 1/2 inches		91 1/2 inches	
6104NWH	Matte white	**6108NWH**	Matte white
6104NBK	Matte black	**6108NBK**	Matte black
139 1/2 inches		**6108NAL**	Matte aluminum
6112NWH	Matte white		
6112NBK	Matte black		
6112NAL	Matte aluminum		

Advent - joiner track
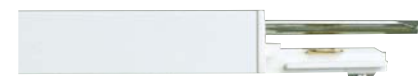
Includes concealed mini-coupler and hardware.

8-foot	
6103NWH	Matte white
6103NBK	Matte black
6103NAL	Matte aluminum

Basic - replacement dead end cover

56475	Matte white
56491	Matte black
56476	Matte aluminum

Advent - replacement dead end cover

56308	Matte white
56312	Matte black
56309	Matte aluminum

In-line connector

Can be fed directly with electrical connector.

Basic	Advent	
6054NWH	**6154NWH**	Matte white
6054NBK	**6154NBK**	Matte black
6054NAL	**6154NAL**	Matte aluminum

"L" connector

Can be fed directly with electrical connector.

Basic	Advent	
6050NWH	**6150NWH**	Matte white
6050NBK	**6150NBK**	Matte black
6050NAL	**6150NAL**	Matte aluminum

"T" connector

Can be fed directly with electrical connector.

Basic	Advent	
6051NWH	**6151NWH**	Matte white
6051NBK	**6151NBK**	Matte black
6051NAL	**6151NAL**	Matte aluminum

"X" connector

Can be fed directly with electrical connector.

Basic	Advent	
6052NWH	**6152NWH**	Matte white
6052NBK	**6152NBK**	Matte black
6052NAL	**6152NAL**	Matte aluminum

Variable angle connector

Flexes 90° in all directions.

Can be fed directly with electrical connector.

Basic	Advent	
6053NWH	**6153NWH**	Matte white
6053NBK	**6153NBK**	Matte black

End feed canopy kit

4 1/2" × 4 1/2" Mounts above feed connectors.

Basic	Advent	
6060WH	**6160WH**	Matte white
6060BK	**6160BK**	Matte black
6060NAL	**6160NAL**	Matte aluminum

Power extension connector

Use opposite live end to power other track sections when obstructions may exist.

Basic	Advent	
6046NWH	**6146NWH**	Matte white
6046NBK	**6146NBK**	Matte black
6046NAL	**6146NAL**	Matte aluminum

Floating canopy kit
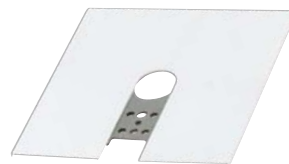
4 1/2" × 4 1/2"
Mounts above Basic or Advent track.

Basic	Advent	
6061WH	**6061WH**	Matte white
6061BK	**6061BK**	Matte black
6061NAL	**6161NAL**	Matte aluminum

Mini coupler

Invisible spline for joining two track units.
Not a power feed point. (Included in joiner track)

Basic	Advent	
6049NWH	**6149NWH**	Matte white
6049NBK	**6149NBK**	Matte black
6049NAL	**6149NAL**	Matte aluminum

Grid ceiling canopy kit

4 1/2" × 4 1/2" Outlet box included.

Basic	Advent	
6096NWH	**6096NWH**	Matte white

Saddle canopy kit

4 1/2" × 4 1/2"
For power feed from 4" junction box.

Basic only	
6063WH	Matte white
6063BK	Matte black
6063NAL	Matte aluminum

Live end connector

Basic	Advent	
6048NWH	**6148NWH**	Matte white
6048NBK	**6148NBK**	Matte black
6048NAL	**6148NAL**	Matte aluminum

Lytespan - Track

Individual

Joiner

Plain

Basic one-circuit track

Basic Lytespan track can be mounted in a variety of surface or stem patterns, installed vertically or horizontally on walls, and be cut in the field. Basic track can also be used with suspension beam or recessed housings. Capacity is 20 amps at 120v per branch circuit. For straight runs, order one 2-foot, 4-foot or 8-foot individual track section and as many 8-foot joiner sections as required including each straight run of track between intercepts. For added convenience and economy, plain track can be used in place of individual track in applications not requiring a live-end, such as for patterns.

Advent one or two-circuit track

Advent can be mounted in a variety of surface or stem patterns, installed vertically or horizontally on walls, and be cut in the field. Advent can also be used with suspension beam or recessed housings. Total track capacity is 40 amps when supplied by a 120/240v three-wire branch circuit. A choice of power feeds is available, all of which allow a variety of configurations powered at any point. For straight runs, order one 4-foot or 8-foot individual track section plus as many 8-foot joiner track sections as required including each straight run of track between intercepts. For added convenience and economy, plain track can be used in place of individual track in applications not requiring a live end such as with patterns.

Note: Philips Lightolier does not recommend dimming of circuits with shared neutrals.

Stem mounting

Use two stems for a 4-foot single track; 3 stems for a 8-foot and 12-foot single track. Stems attach to the track at any point, and may be spaced up to 4' apart in a run of track. Stems may be cut in the field. The 48" Stem Extension Kit is used to extend stem length and may not be field cut. Canopy diameter: 4 1/2", Stem diameter: 1/2".

Note: Systems can not be mounted directly to track connectors.
For more detailed information see application guide, page 2.3.

Stem mounting kits for Basic and Advent track

18" Stem mounting kit
7584   Matte white
7683   Matte black

48" Stem mounting kit
7586   Matte white
7681   Matte black

48" Stem extension kit
7582   Matte white
7680   Matte black

48" Swivel stem*
7480   Matte white
7481   Matte black
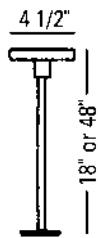
*0°-90° adjustment for sloped ceilings

Note: Stems cannot be mounted directly to track connectors.

4 1/2"

18" or 48"

Floating invisible feed

For feeding power to Basic track from surface conduit with 1/2 - 14 IPS connector.

(Not required for advent.)

Basic or Advent
26082   zinc plated

Basic only
7596   Zinc plated

Conduit adapter

Surface track mounting clips
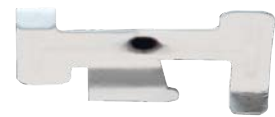
(Set of 10)
• Stands track off ceiling 1/16".
56451WH   Matte white
56451BK   Matte black
56478   Stands track off ceiling 5/16".

Replacement stem hanger assembly

Included with stem mounted kits.
For use with 1/4" -18NPSM threaded stem.

Basic or Advent
56417

Sloped ceiling adapter

Basic, Advent or Radius
6079WH   Matte white
6079BK   Matte black

4 1/8" overall length

Use to adjust Lytespots from 0 - 90° on monopoint or track for sloped and cathedral ceiling applications. Can be used alone or with extension wands. Can be used with all fixtures listed with this symbol.

Grid ceiling mounting clips

For Regressed-Edge Panels and 9/16" or 15/16" T-Bar runners.

Set of 9.
6087   Matte white
For Regressed-Edge Panels and Slotted Grid runners in ceiling systems such as DONN, FINELINE, and Ultraline 3500*.

Set of 9. See Note 1.
6088   Matte white
For Square-Edge Panels and 9/16" or 15/16" T-Bar runners.

Set of 9.
6089   Matte white

[1] Donn and Fineline are registered trademarks of USG Interiors, Inc. Ultraline 3500 is a registered trademark of Chicago Metallic Corporation.

Pendant adapter

Supports cord mounted fixtures up to 10 lbs. and stem or chain mounted fixtures to 25 lbs. Also compatible with Radius track. 6 amps.

7599   Matte white
7599BK   Matte black

Convenience outlet

Provides auxiliary source for plug-in equipment. Capacity 6 amps. Also compatible with Radius track. Not UL listed.

6085   Matte white

Attachment fitting

Supports cord mounted fixtures up to 10 lbs. and stem or chain mounted fixtures to 25 lbs. Chain not included. 6 Amps.

7589   Matte white
7589BK   Matte black

Basic monopoint

Ultra shallow monopoint mounts track fixtures to 3 1/2" or 4" octagon outlet box (1/4" deep).

4 1/2" Dia. Canopy

6190WH   Matte white
6190BK   Matte black
6190NAL   Aluminum

(Use 90°C Min. supply wire.)

Rectangular monopoint

Ultra shallow monopoint mounts track fixtures to 3 1/2" or 4" octagon outlet box (1/4" deep).

6170WH   Matte white
6170BK   Matte black
6170AL   Aluminum

(Use 90°C Min. supply wire.)

Cord and plug

For basic 1-circuit track only. Includes 15-foot, 2-conductor cord and plug set with in-line switch. Capacity 6 amps at 120v. Not UL Listed.

6062WH   Matte white basic only
6062BK   Matte black basic only

Suspension display hook

Non-electrified Suspension display hook attaches to Radius, Basic and Advent track. Supports a maximum of 25lbs. May be used for hanging signage or other display material from track.

7437   Accessory/Suspension Adpter-Kit

Multipoint

Surface mounts of up to 3 average sized Lytespots, depending on the fixture size, over any standard outlet box. Track length 11 11/16", width 4 1/2", depth 9/16".
Note: Not compatible with Lyteflood 39 and Lyteflood 40.
7619WH   Matte white

Weighted base

Powers one Lytespot. Includes 8' cord and plug, built-in switch.

Note: Not compatible with Power Jacks, Lyteflood 39 or Lyteflood L40. Do not install less than 5 feet above the floor.
6197BK   Matte black

Extension wands

Extends Lytespots below track. Stem dia. 1/2". Can be connected together -8' max. Can be used with all fixtures listed with this symbol. Also compatible with Radius Track. May not be field cut.

48"
6076WH   Matte white
6076BK   Matte black
36"
6075WH   Matte white
6075BK   Matte black
18"
6074WH   Matte white
6074BK   Matte black

Clamp-on monopoint

Can be clamped on pipe up to 2" diameter, comes with 8' cord and plug. Can be used with all fixtures listed with this symbol.

6196WH   Matte white
6196BK   Matte black

Suspension beam

Lytespan track housings

Rugged extruded aluminum Suspension Beam housings which enclose Basic or Advent Track sections provide a sturdy profile. It requires a minimum of support when suspended on rigid stems or slender, flexible, almost invisible cables which can be spaced up to 8' apart. "L" intercept allows 90° patterns. Can be field cut.

Note: Cables recommended for patterns only.

Order Basic or Advent track separately. For patterns, order one 4' or 8' Individual track section and as many 8' joiner track sections as required for each straight run of track between intercepts. In patterns, plan power feed at "L" intercepts.

For more detailed information see application guide, page 2.91.

Suspension beam

4' Housing

6450	Matte white
6450BK	Matte black

Use with 6001, 6101 track

8' Housing

6451	Matte white
6451BK	Matte black

Use with 6002, 6003, 6102, 6103 track

Uses stem mounting kits on page 2.158 or following cable kits.

Suspension beam mounting kits

60" Cable suspension

7458NBK	Black canopy mechanical only
7458NWH	White canopy mechanical only
7459NBK	Black canopy electric feed
7459NWH	White canopy electric feed

120" Cable suspension

7468NBK	Black canopy mechanical only
7468NWH	White canopy mechanical only
7469NBK	Black canopy electric feed
7469NWH	White canopy electric feed

Suspension beam 90° "L" housing / splice box

6454	Matte white	**Electrical connector kits**
6454BK	Matte black	For use with "L" Housing.

Basic
6464WH (Set of 2)

Advent
6467WH (Set of 2)

Recessed track

Lytespan track housings

Recessed extruded aluminum housing encloses Basic or Advent track, sold separately, for a clean ceiling. Housing has minimum-width trim flange for use with all ceiling materials and can be field-cut to length. Recessed track is fed from splice box installed at the end of, or between housings. Electrical connector kit connects track sections through "L", "T", and "X". Ceiling Material should not protrude below the flange of the recessed housing to ensure proper installation of Lytespots.

Recessed housing intercepts

In patterns, power can be fed at "L", "T" or "X" Splice Box. Order electrical connector kit for each splice box for power feed or power continuity. Order one 4' or 8' Individual Track section and as many 8' Joiner Track sections as required for each straight run of track between intercepts.

For more detailed information see application guide, page 2.10.
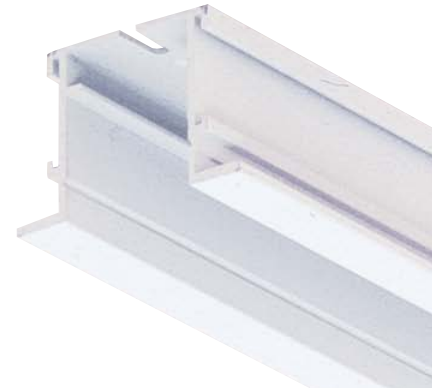
Recessed track end splice box

Recessed track

Recessed track in straight runs is fed from end splice box installed at the end of or between 4' or 8' housings.

Splice box
7517   Matte white

4' Recessed housing
7515   Matte white

8' Recessed housing
7516   Matte white

Recessed track "x" splice box
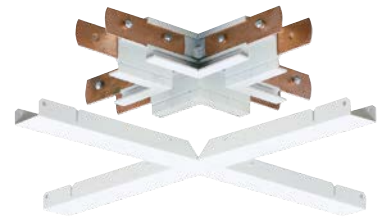
7692

Electrical connector kits

For use with "X" splice box.

Basic
6462WH   (Set of 4)

Advent
6465WH   (Set of 4)

Recessed track "L" splice box

Recessed track "T" splice box

7690

Electrical connector kits

For use with "L" Splice Box.

Basic
6464WH   (Set of 2)

Advent
6467WH   (Set of 2)
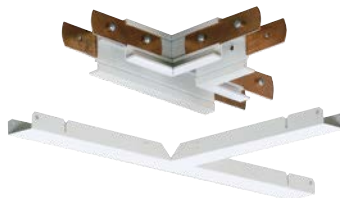
7691

Electrical connector kits

For use with "T" Splice Box.

Basic
6462WH   (Set of 4)

Advent
6465WH   (Set of 4)

Recessed track replacement parts

Mounting clips

Included with housing.

Basic
56480   White

Advent
56411   White

Lathing tab
Included with 4' and 8' Recessed Housing
56406

Connecting spline
Included with 4' and 8' Recessed housing (with screws).
56407

Recessed spline box end (flange type)
Included with 7517, 7690, 7691, 7692 housings.
56409

Radius

Lytespan - track application guide

21 1/16"
45 1/16"
59 1/16"
93 1/16"

Dead End Cover

Radius Track is available in 2', 4', 6' and 8' lengths. It may be cut in the field. Toggle bolts and nylon insulators, supplied, mount the track to a ceiling or wall through existing holes in the track. Do not exceed 4' spacing of track supports.

Concealed mini-coupler (order separately) connects tracks mechanically and electrically in a straight run

Power feeds

3" or 4"
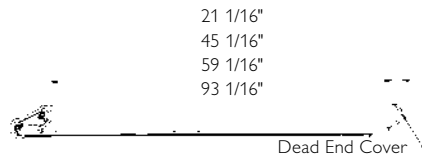
Octagonal outlet box
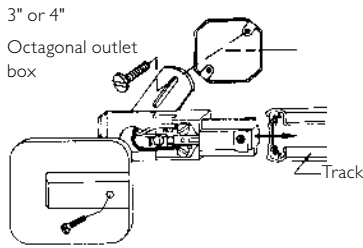
Track

Use live end canopy kit for power feed from an outlet box mounted over the end of the track.

3" or 4"

Octagonal outlet box

Track

45°

3" Octagon box

(by others)
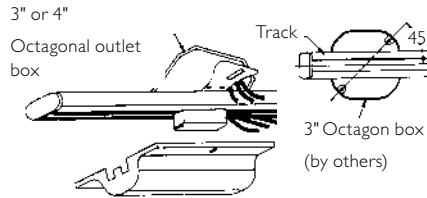
Use Saddle canopy for power feed from an outlet box mounted anywhere along the track. When mounting to a 3" octagon box the track must be oriented at 45 degrees to the mounting holes. Includes extra dead end cover.

3/8" Electrical fitting

(by others)

1/2"

Track

3/8" Electrical fitting

(by others)

1 1/8"
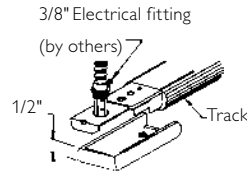
Use live end power feed for direct power feed from overhead conduit or cable terminating in a 3/8" electrical fitting.
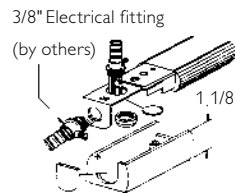
Use surface feed connector for power feed from surface conduit terminating in a 3/8" electrical fitting. It may also be used for direct power feed from overhead conduit or cable.

Mounting track to T-bar ceilings

T-bar   Regressed edge panel

9188
(9 Clips)

9/16"

15/16"

5/16"-12/32" Ref.

T-bar   Square edge panel

9189
(9 Clips)

9/16"-15/16"
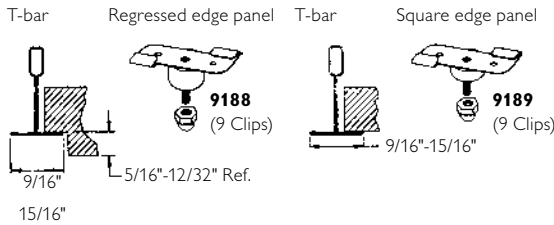
Use T-bar mounting clips to mount the track to "T" bar ceiling runners. The clips attach through existing holes in the track. Do not exceed 4' spacing of clips.

Electrical fitting
(by others)

5/8"

4 1/8"
Sq.

Bottom cover
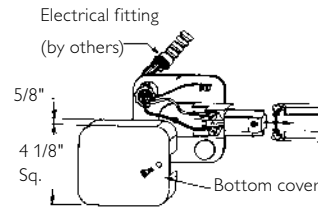
Use T-bar canopy to feed power from conduit or cable to track mounted to a "t" bar ceiling.

Track patterns

Flush "L"/In-line connector

Knockout

Connector Rotates

1/2"   1 3/8"

"L"/In-line feed connector

Electrical fittings
(by others)

Connector Rotates

1/2"   1 3/8"

Variable angle connector

6 7/8"
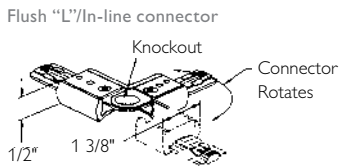
The "L"/In-line connector, both feed and non-feed, may be installed straight or may be rotated to form a right angle. They are polarized and are prewired for power continuity and will accept power feed wires from an adjoining stem. The deeper Feed "L"/In-line connector accepts a 3/8" electrical fitting for direct power feed from conduit or cable or with an optional Radius outlet box cover 9060WH, BK it may be used for power feed from a 3" or 4" octagon outlet box.
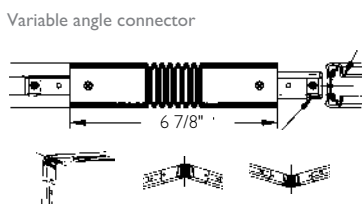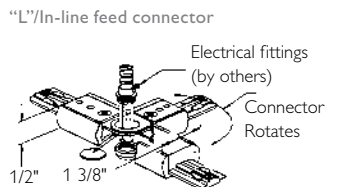
The variable angle connector is polarized and prewired for power continuity. It can flex up to 90 degrees in all directions. Power cannot be fed into this connector.

Stem mounting

3" or 4"
octagonal outlet box

Threaded

Wire cover

Threaded

Electrical connector

9 15/16"
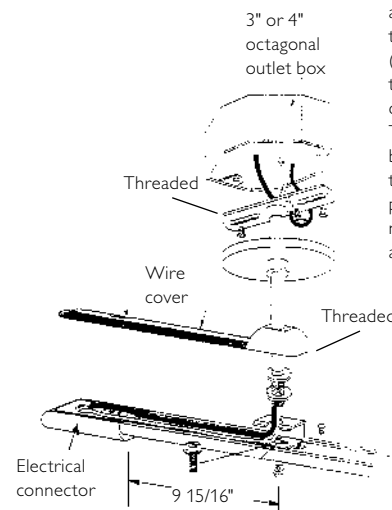
Stem kits (18" or 48") are used to suspend track from a ceiling. They attach through existing holes in the track. With the stem wire cover (order separately) they may be used to feed power to a live end, "L"/In-line connector or surface feed connector. The stem used for power feed must be located 9 5/16" from the end of the track for the wireway cover to fit properly. Stems for Radius track may not be cut in the field because they are threaded at both ends.

Basic/Advent

Lytespan - track application guide

Surface or stem mounted

Live end
Individual track
A
B
Dead end
Plain Track
C
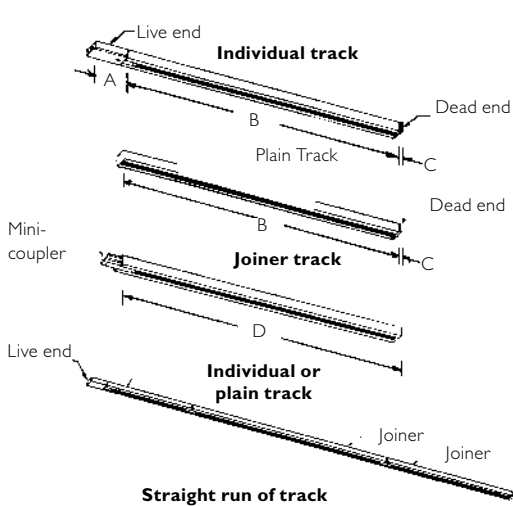
Single track
Use individual track or plain track plus live end. May be cut in the field. Live end contains terminals for connection to power feed wires.

Mini-coupler
Dead end
B
Joiner track
C

Live end
D
Individual or plain track

Joiner
Joiner
Straight run of track
Dead end

Power extension
A

In-line connector
E
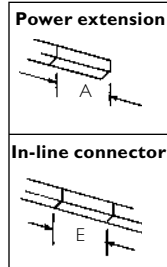
Straight run of track
Start with individual track (or plain track plus live end) of length desired and add as many 8' joiner tracks as required. May be cut in the field. Concealed mini-coupler connects track sections mechanically and electrically. Replace mini-coupler with in-line connector for power feed-in between track units. Power extension replaces dead end to permit power take-off from or power feed into end of track opposite live end. Power extension accepts same power feed kits as live end.

	A	B	C	D	E
Basic	2 23/32"	21 1/16"	3/32"	95 29/32"	4 1/8"
		45 1/16"			
		93 1/16"			
		141 1/16"			
Advent	4 1/2"	43 9/32"	3/32"	95 29/32"	4 1/2"
		91 9/32"			
		139 9/32"			

Surface mounting track

Direct mounting
Toggle bolts with nylon insulators, supplied with track, can be used to mount track to a wall or ceiling through existing holes in the track.

With track mounting clips
Mounting clips, provided with track, attach to track at any point. Use only for ceiling mounting.

Mounting to exposed grid suspended ceilings

T-runner
Square edge panel
9/16"
15/16"

T-runner
Regressed edge panel
9/16"
15/16"
5/16"
13/32"

Slotted grid runner
9/16"
1/4"
5/16"

Clip screw

6089 (9) Clips
6087 (9) Clips
6088 (9) Clips
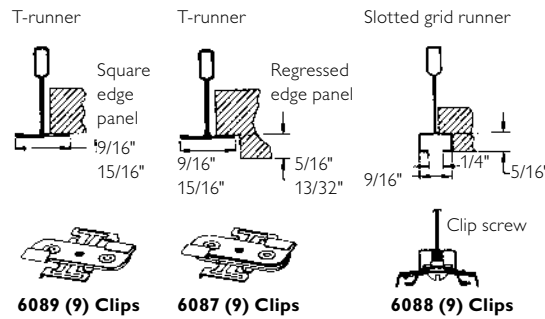
Use grid ceiling mounting clips above for ceilings shown.
Use grid ceiling canopy kit for power feed.
Do not exceed 4' spacing of track supports.

Power feed to surface mounted track from conduit or cable

3/8" electrical fitting (By others)
Live end
1/2"-14 nut (included)
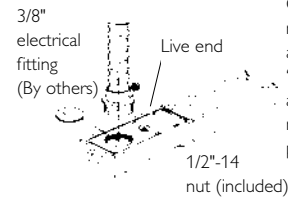
Conduit or cable mounts directly to a Live End, "L", "T", "X", In-line or variable angle connector. Does not require separate power feed kit.

3/8" Electrical fitting (by others)
2 1/8"
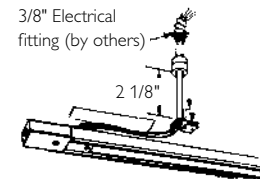
Floating invisible feed mounts anywhere along track installed with mounting clips for power feed to live end, "L", "T", "X", in-line or variable angle connector. May be located up to 4' from power feed-in point.

3/8" Electrical fitting (by others)
Conduit adapter
Basic live end

Conduit adapter attaches to Live End of Basic Track for power feed from surface conduit terminating in 1/2–14 threaded electrical fitting. Not required for Advent Track.

Use grid ceiling canopy kit to feed power to the live end, "L", "T", "X", In-line or variable angle connector of track mounted to a grid ceiling. Its special outlet box mounts along a t-bar runner or at the intersection of t-bar runners.

Power feed to surface mounted track from outlet box

3" or 4" octagon outlet box (by others)

Saddle canopy kit mounts at any point along basic track for power feed directly to track conductors. Includes extra dead end cover to replace live end.

3" or 4" Octagon outlet box (by others)
Live end

Floating canopy kit mounts anywhere along track installed with mounting clips for power feed to live end, "L", "T", "X", in-line or variable angle connector. May be located up to 4' from power feed-in point.

3" or 4" octagon outlet box (By others)
Live end

End feed canopy kit mounts directly to live end, "L", "T", "X", In-Line or variable angle connector.

T-Bar
T-Bar mounting clip
Live end

Basic/Advent

Lytespan - track application guide

Track patterns

All individual or plain tracks

Variable angle connector

"L" connector

"L" connector   "T" connector

Joiner track

"X" connector

Individual or plain track

"T" connector

7 1/4"

90°

Ceiling to wall

Wall inside corner

Wall outside corner

Variable angle connector flexes 90° in all directions.
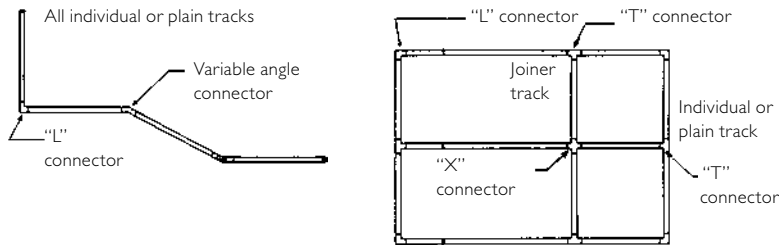
Use "L," "T," "X," In-line, and variable angle connectors to turn corners or form "T" or "X" intersections. Power may be fed into the connectors. "L," In-Line, and variable angle connectors are polarized, "T" and "X" connectors are not. The "L" connector may be rotated for left or right angle turns. Jumper wires are provided for power continuity. Use plain track (or individual track with live end removed) and as many joiner tracks as required for each straight run of track between connectors. Connectors may be attached to cut track.

Y

Y

Y
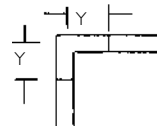
Add length (Y) to each track length to determine total length in patterns.

"L," "T," or "X" Connectors

	(Y) Basic	(Y) Advent
	2 1/16"	2 3/4"

Stem mounting track

3" or 4" octagon outlet box (by others)

This end may be field cut

Live end

3" or 4" octagon outlet box (by others)

0–90° Slope

This end may be field cut

Live end

Stem

1/4"–18 NPSM Thread
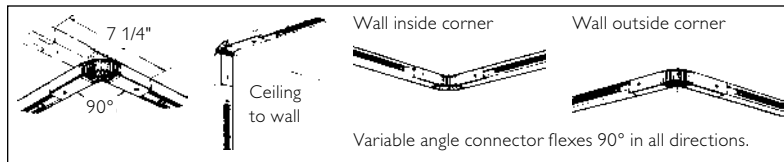
Stem extension

Stem
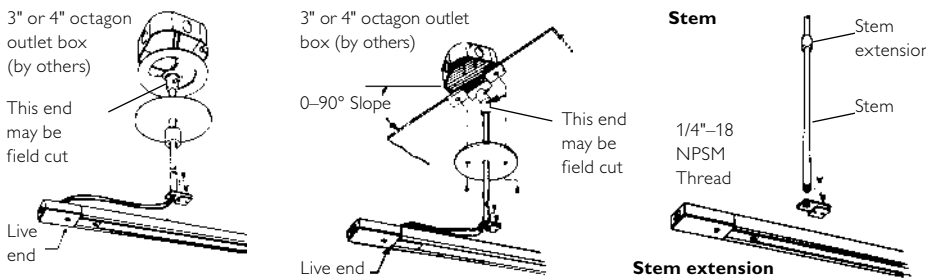
Stem extension

Swivel stem
Stems (18" or 48") and swivel stems (48") attach to the track at any point, may be spaced up to 4' apart and may be cut in the field. 4' wire way cover provided with stems. **The stem extension kit** extends stem length 48" but may not be cut in the field because it is threaded at both ends. Stems can be used to feed power to a live end, "L," "T," "X," In-Line, or Variable Angle Connector; use stem closest to feed-in point. Not recommended for wall mounting.

Recessing track

1/2" Conduit connector

End splice box

6 1/16"

Spline

Lathing tab

Recessed housing

48" or 96"

Live end

Mounting clip

End cap

Suspended tile

Tile or plasterboard

Multiple power feeds

End splice box

Live End   Track

End splice box   Housing

Live End   Track
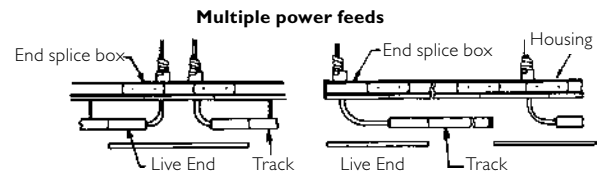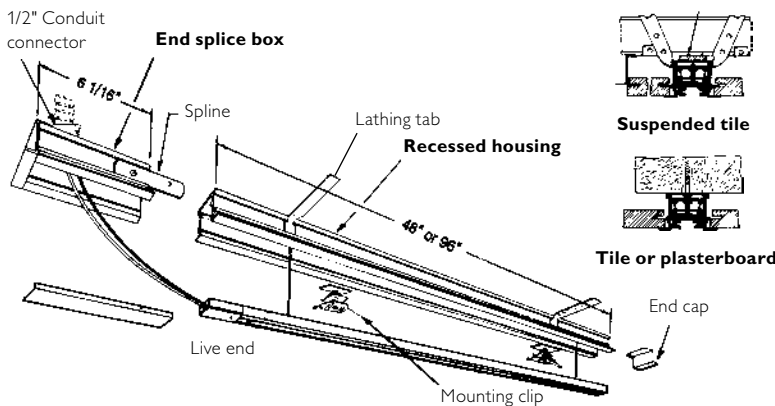
Basic and Advent track can be recessed in **4' or 8' recessed housings**. The housings may be installed individually or in straight runs and may be cut in the field. Use an individual track with a single housing. Use an individual track and as many joiner tracks as required for a run of housings. Lathing tabs, splines, and mounting clips are supplied with housings. Splines secure housings together. The **end splice box** is used for power feed and may be installed at the end of or between housings. End caps are provided with splice boxes.

"L," "T," and "X" Splice boxes permit recessed track to be installed in patterns. Each straight run of track between splice boxes is started with a plain track or individual track with live end removed and as many joiner tracks as required. 7/8" K.O.'S are provided for power feed. **Electrical connector kits** (order separately) are used for power feed or power continuity at corners and intersections. "L," "T," or "X" track connectors used for surface or stem mounted track cannot be used with recessed track.

L splice box

3 3/4"

T splice box

3 3/4"

6"

X splice box

6"
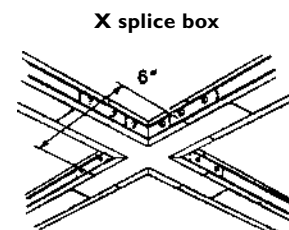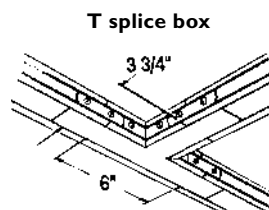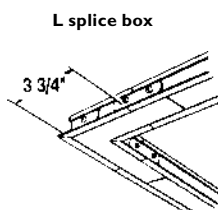
Lytespan - Suspension beam

Lytespan - track application guide

Suspension beam

4' and **8' Suspension beam housings** are designed to enclose **Basic** or **Advent** track. They may be installed individually or in straight runs and may be cut in the field. **End plates** and **track mounting clips** are furnished with 4' and 8' housings; couplers and splines are only provided with 8' housings.
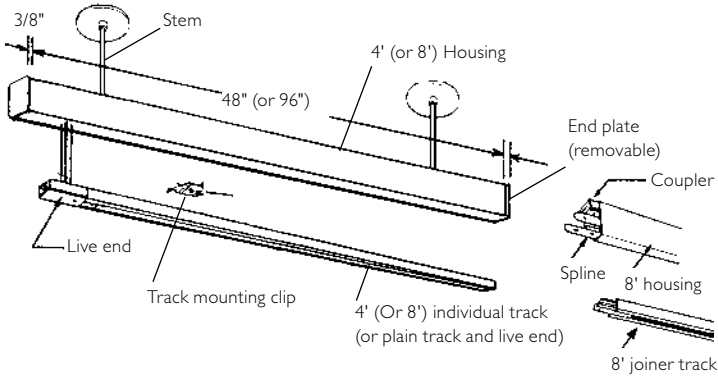
Electrical connector kit
The l housing/splice box is used to form a right angle corner with suspension beam housing. **Electrical connector kits** (order separately) are required for power feed or power continuity at corners.

"L" Housing/splice box
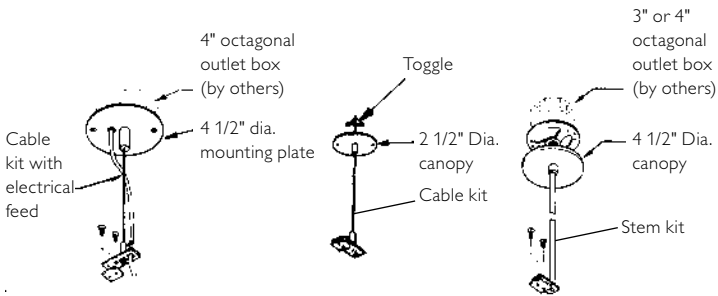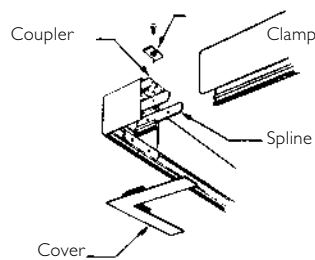
Housings are suspended by **stems** or **cables**. Both attach to the housings at any point (except at wireway cover), may be spaced up to 8' apart, and may be shortened in the field. Stems may be lengthened with a **stem extension**. Stems can be used for housings in straight runs or patterns. Cables are only recommended for patterns.
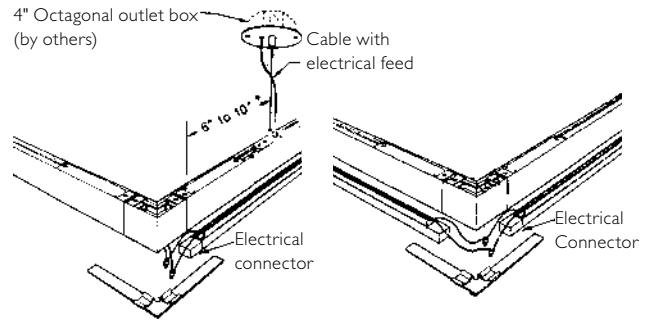
Feed-in to corner with cable   **Power continuity at corner**

Stems or cables with electrical feed are used to feed power to a live end or an electrical connector at a corner. Electrical connectors at corners are spliced together for power continuity.
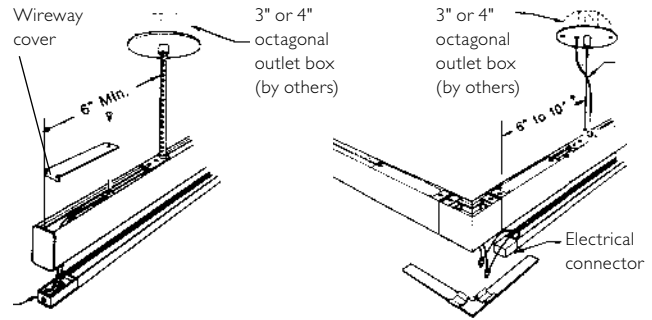
Feed-in to straight run with stem   **Feed-in to corner with stem**

Recessed housings and splice boxes must be installed before the ceiling is completed.

PowerTrip

Lytespan current limiting device

PowerTrip is a current limiting device designed for use with Lytespan Radius, Basic and Advent Track. It works by minimizing the impact of current and pending state and federal energy legislation that penalizes the use of track lighting; particularly with fluorescent or metal halide light sources in retail applications. Under Title 24 of the CA Energy Code, or ASHRAE 90.1, the actual wattage of fixtures on a given circuit of track is typically exceeded by the higher value of the "default" load as defined in the code. These codes force the use of the default load for power consumption calculations unless an integral current limiting device is installed on the track.

How it works

PowerTrip replaces standard live-end and in-line track power feeds and is just as easy to install. PowerTrip connectors contain a miniature electro-magnetic circuit breaker that limits the current load on the track to a specified amperage/ wattage. Exceeding the rating of the PowerTrip device by increasing fixture wattage or count breaks the circuit and shuts off power to the track. Remove the excess load, reset the PowerTrip breaker, and power is restored to the track.

How to select

Total the wattage (including ballast input wattage if applicable) of all fixtures that will be used on each circuit of track. Determine the default wattage as stipulated by the applicable code; either 45 watts per linear foot of track (in CA), or 30 watts per linear foot (most other states). If the actual load exceeds the default load PowerTrip is not required. If the default load is higher than the actual load select the PowerTrip kit that exceeds but is closest to the actual load.

How to order

PowerTrip is a two-part system. Choose the PowerTrip kit that best suits the power feed requirements of the installation, either Live-End or In-Line. Next choose the PowerTrip breaker module as shown in "How to select" above. Order both components separately.

The first integral current limiting device for line voltage track lighting.

Energy codes impacting track lighting

California Energy Code – Title 24

Section 130.c.3 of California's Title 24 Energy Code states that; for the purpose of calculating the allowed energy consumption (in watts) for interior track lighting; "The wattage of line-voltage lighting track and plug-in busway which allows the addition or relocation of luminaires without altering the wiring of the system shall be the volt-ampere rating of the branch circuit feeding the luminaires or an integral current limiter controlling the luminaires, or the higher of the maximum relamping rated wattage of all of the luminaires included in the system, listed on a permanent factory-installed label, as specified by UL 1574, or 45 Watts per linear foot."

ASHRAE 90.1-2004, Addendum e

9.1.4 (c) Luminaire Wattage

For line-voltage lighting track and plug-in busway, designed to allow the addition and/or relocation of luminaires without altering the wiring of the system, the wattage shall be:

1. The specified wattage of the luminaires included in the system with a minimum of 30 W/lin ft (98 W/lin m), or

2. The wattage limit of the system's circuit breaker, or

3. The wattage limit of other permanent current limiting device(s) on the system.

PowerTrip

Lytespan current limiting device

Live end kit - Radius

5 ³⁄₁₆"
4 ⁵⁄₈"
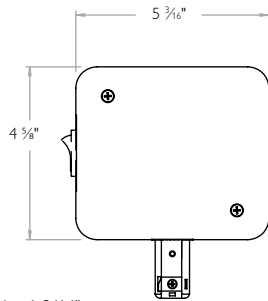
Height: 1 3/16"
9099WH Matte white
9099BK Matte black

In-line kit - Radius

4 ⁵⁄₈"
5 ³⁄₁₆"
⁷⁄₁₆"
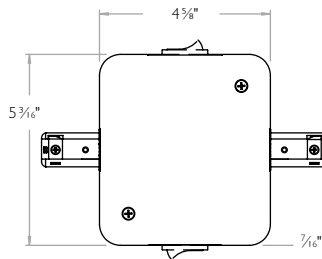
Height: 1 3/16"
9033WH Matte white
9033BK Matte black

Live end kit - Basic

4 ⁵⁄₈"
5 ³⁄₁₆"
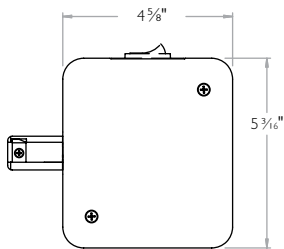
Height: 1 3/16"
6099WH Matte white
6099BK Matte black

In-line kit - Basic

4 ⁵⁄₈"
5 ³⁄₁₆"
⁷⁄₁₆"
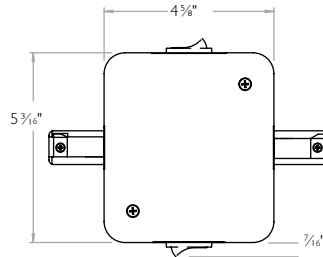
Height: 1 3/16"
6033WH Matte white
6033BK Matte black

Live end kit - Advent

4 ⁵⁄₈"
5 ³⁄₁₆"
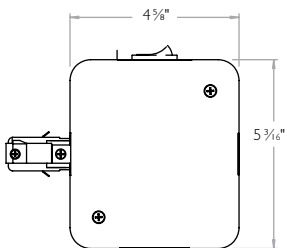
6199WH Matte white
6199BK Matte black

In-line kit - Advent

4 ⁵⁄₈"
5 ³⁄₁₆"
⁷⁄₁₆"
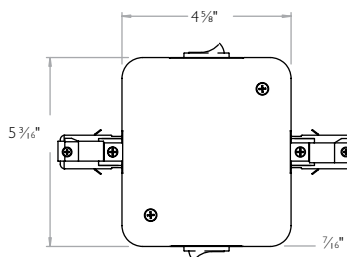
6133WH Matte white
6133BK Matte black

Live end kit - Basic

4 ⁵⁄₈"
5 ³⁄₁₆"

6099WH Matte white
6099BK Matte black

PowerTrip breaker modules

1 ½"
2"
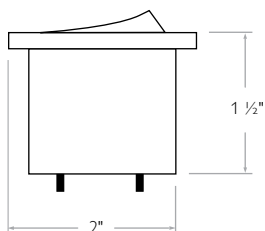
PLD120WH	Matte white	1.0A/120W
PLD120BK	Matte black	1.0A/120W
PLD300WH	Matte white	2.5A/300W
PLD300BK	Matte black	2.5A/300W
PLD600WH	Matte white	5.0A/600W
PLD600BK	Matte black	5.0A/600W
PLD900WH	Matte white	7.5A/900W
PLD900BK	Matte white	7.5A/900W

Consult factory for custom ratings.

Example calculation

A 20-foot installation of Lytespan Basic track is fitted with three 59 watt* T5 fluorescent wall washers. Under Title 24 the larger of the following two calculations will be used to quantify the total energy consumption of the system, regardless of the actual consumption.

3 fixtures X 59 watts/fixture = 177 actual watts; or 45 watts X 20 feet of track = 900 "default" watts.

By code the energy consumption of the system will default to the larger of the above two values, or 900 watts. Since the actual power consumption is 177 watts, a total of 723 watts (900-177) of lighting potential is forfeited.

However, if a 2.5A/300W PowerTrip kit is installed the code allows the following.

300 PowerTrip watts – 177 actual watts = 123 watts

By using PowerTrip only 123 watts of lighting potential is forfeited versus 723 watts without. PowerTrip "saves" 600 watts (723-123, or 900-300).

The above calculation is for example only. Philips Lightolier only warrants that PowerTrip breaker modules will perform as rated. Local authorities have jurisdiction over code interpretation and enforcement. The codes outlined here are current as of this printing. Local and municipal codes may vary and/or change without notice.

*Total input watts of metal halide ballast.

Short circuit current rating (AIC): 1kA

Accessories

Lytespan

Lytespan and ProSpec track lighting offer a full range of high performance accessories for tinting, coloring and shaping of the light beam. All accessories are designed to attach easily. Accessory holders hold one, two, or three accessories, simply choose the correct size needed for the attached shade.

A complete accessory consists of a size and series suffix. For example, **AF25 + UV = AF25UV** (2 1/2" UV Filter).

Diffusion/special filters

Series: **AF2** = 2" dia., **AF25** = 2 1/2" dia., **AF3** = 3 3/4" dia., **AF4** = 4 3/4" dia., **AF7** = 6 1/4" dia.

UV Optivex UV reduction*

FR Frosted etched lens

SF Solite® soft focus lens

PF Perimeter frost

IR** Infra-red reduction

SY Symmetrical spread lens

AS** Beam elongator lens

*Optivex UV filters by Bausch & Lomb   **Not for use on all fixtures. See fixture spec sheet

Hex cell louvers

Series: **AL**

AL2HC	=	2" dia.	Hex cell louver
AL25HC	=	2 1/2" dia.	Hex cell louver
AL3HC	=	3 3/4" dia.	Hex cell louver
AL4HC	=	4 3/4" dia.	Hex cell louver
7472	=	2" dia.	Hex cell louver
(Bare edge)			

Color filters

Series: **ADF2** = 2" dia., **ADF25** = 2 1/2" dia., **ADF3** = 3 3/4" dia., **ADF4** = 4 3/4" dia., **ADF7** = 6 1/4" dia.

Primary colors

RD Red

BL Blue

GR Green

Secondary colors

MM Medium magenta

BG Blue green

YG Yellow green

MA Medium amber

Cube cell louvers

Series: **AL**

AL4CC	=	4 3/4" dia.	Cube cell louver
AL7CC	=	6 1/4" dia.	Cube cell louver

Provides additional light shielding and reduces lamp glare when needed. Matte black finish.

Mixing colors*

SP Surprise pink

SB Steel blue

DA Daylight color correction

LS Light straw

BA Bastard amber

LP Light pink

*Filters shown together mix to white.

Screen kits

ProSpec only

AS25LS	=	2 1/2" dia.	Light blocking
AS3LS	=	3 3/4" dia.	Light blocking
AS4LS	=	4 3/4" dia.	Light blocking
AS7LS	=	6 1/4" dia.	Light blocking

Each kit contains two 15% light blocking screens and two 40% light blocking screens.

Metallics accessory holders

8782 PAR20 Black
Accepts 2 - AL25 or AF25
(2 1/2" dia.) series. accessories.

8783 PAR30 Black
Accepts 2 - AL3 or AF3
(3 3/4" dia.) series. accessories.

8784 PAR38 Black
Accepts 2 - AL4 or AF4
(4 3/4" dia.) series. accessories.

Par-Tech cone, cylinder & ring shade accessory holders

Holds a maximum
of two accessories.
8581 PAR16
(for use with 8215,
8216)

8582 PAR20
(for use with 8225,
8226, 8228)
8583 PAR30
(for use with 8235,
8236, 8238)

8595 PAR38
(for use with 8248)

Barn doors for metallics

For adjustable shielding
of light. Dark titanium finish.

8725TM Dark titanium
PAR20
8725WH Matte white
(See adapter for lamp wattage)
8735TM Dark titanium
PAR30
8735WH Matte white
(See adapter for lamp wattage)
8745TM Dark titanium
PAR38
8745WH Matte white
(See adapter for lamp wattage)

Sof-Tech low voltage accessory holders

Holds a maximum
of one accessory.
7662 MR16
(for use with 6273B,
6273T, 6275B, 6275T,
8675B, 8273B)

7661 AR70
(for use with 6272, 6274,
8272, 8274)

7660 PAR36/AR111
(for use with 6289, 6279,)

Par-Tech bezel shade accessory holders

Par-Tech fixtures feature an accessory holder that is
hidden from view for a "built-in" appearance. To use
accessory holder show, just remove snap-off collar from
bezel shade and insert accessory holder, then re-attach
collar.

Holds a maximum with 8237)
of one accessory. Holds a
8591 maximum of two
PAR16 (for use accessories
with 8217) **8595**
PAR38 (for use
8592 with 8247)
PAR20 (for use
with 8227)

8593
PAR30 (for use

Barn doors for Lasso & Par-Tech bezel

For adjustable shielding
of light. Matte black finish.

8542BK PAR20
Barn door
8543BK PAR30
Barn door
8544BK PAR38
Barn door*
7650 4 3/4" Dramalux
Barn door
7651 6 1/4" Dramalux *Not compatible with 8595
Barn door

Sof-Tech line voltage accessory holders

Holds a maximum
of one accessory.
8471 PAR16
(for use with 8416,
8416-12, 8416-18)

8472 PAR20
(for use with 8420,
8420-12, 8420-18)

8473 PAR30
(for use with 8430,
8430-12, 8430-18)

Lasso accessory holders

Holds a maximum
of one accessory.
8592 PAR20
(for use with 8257)
8593 PAR30
(for use with 8258)
8594 PAR38
(for use with 8259)

PowerArc modular

Cat No	**Size**	**Finish**
83T4AH	T4	Black

Accepts 2 – AL3, AF3 or ADF3, (3 _"dia.) series. Acc
| **83T6AH** | T6 | Black |

Accepts 2-AL4, AF4 or ADF4, (4 _"dia.) series. Acc
| **8784** | PAR38 | Black |
| | ED17 | |

Accepts 2 AL4 or AF4, (4 _"dia.) series. Acc

MR16 Snoot for Alcyon

Provides maximum light shielding and cut-off to
lamp. Matte black interior, 45° lamp shielding angle.
Recommended for use with narrow spot lamps.

22SR6AL Aluminum
22SR6BK Matte black
22SR6WH Matte white
1 3/16" Aperture (30mm)

Wall wash Visor

For use with Alcyon
22WW4 or PowerArc
Modular 83W4; provides
additional light shielding.

22VZ4AL Aluminum
22VZ4BK Matte black
22VZ4WH Matte white

5 1/8"L, 4 7/16"W,
2 1/2" max. Depth.
130mm L, 113mm W,
63mm max. Depth.

Framing projector

Easily attaches to MR16 Lytespots to provide sharp-edged beams for framing
two-dimensional objects. Matte black finish.

Illumination on vertical plane
Shutter blades set for maximum beam coverage

	Distance (D)	24"			36"			48"			60"		
	Aiming angle (A)	30°	45°	60°	30°	45°	60°	30°	45°	60°	30°	45°	60°
	Width (W)	12"	18"	22"	20"	30"	35"	29"	42"	48"	37"	54"	62"
	Length (L)	16"	22"	44"	27"	37"	70"	39"	51"	97"	50"	66"	123"
	Distance (C)	13"	22"	33"	20"	33"	50"	26"	44"	66"	33"	55"	83"
FC	50W MR16 FEXN	376	183	52	130	66	20	65	34	11	39	20	7
	75W MR16 FEYC	680	332	95	234	119	37	117	61	20	70	37	12

6497 Framing
Projector

ProSpec surface mount track

ProSpec track

ProSpec track is a family of two circuit track products from Philips Lightolier designed to be used with all ProSpec and a selection of Lytespan lighting instruments. It is available in 4', 8' or 12' sections in either plain or feed units. The track is crafted of extruded aluminum and joins together with a nearly invisible seam for a continuous appearance. Tracks can be fed directly at the end or anywhere along its surface. ProSpec track can be mounted directly to a surface or with a choice of standard direct mounting clips which lower the track from ceiling by 3/8'' to provide a neat appearance on uneven surfaces. ProSpec track may also be cable suspended in high and/or open ceiling applications.

120V and 277V

ProSpec track is available in the standard 120V/20A configuration, or with a 277V/20A rating for use with fluorescent and HID sources. 277V operates at a lower current than 120V allowing more wattage to be loaded on any given circuit. 277V may also save installation costs by reducing the number of power feeds that need to run to a large installation of track. The benefits and savings of 277V over 120V track are unique to each individual installation. Consult a registered electrician or electrical engineer to determine which voltage is best suited to the application.

ProSpec track specifications
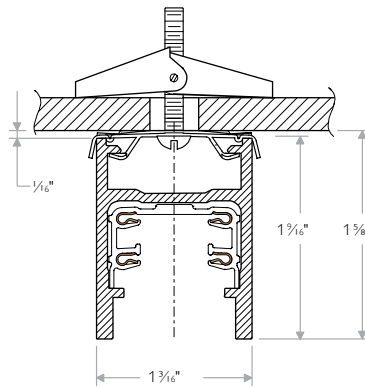
- A two circuit track consisting of two separate 120v 60Hz 20 amp branch circuits, each with dedicated neutrals.
- Track is continuously grounded throughout but need not be polarized since the circuits are arranged symmetrically within the track.
- Flush adapters can be inserted in any orientation to access the circuit desired. Position of lever allows easy identification of circuit being used.
- Power is fed into integral feed wiring connector contained in the feed track.
- Track connectors are extruded aluminum housings with the same profile as the track to provide a clean continuous look. All connectors can be power fed except invisible coupler.
- All track sections may be field cut to length.
- Track has a profile of 1 3/16" with an average wall thickness of .08" creating a strong support for fixtures while minimizing deflections between ceiling mounts.

Feed track
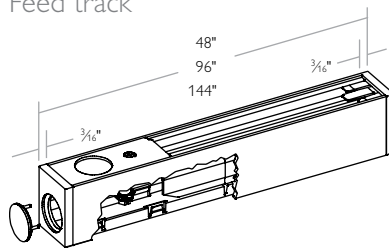
120V
4' Feed track

26001WH Matte white
26001BK Matte black

8' Feed track

26002WH Matte white
26002BK Matte black

12' Feed track
26013WH Matte white
26013BK Matte black

Replacement
dead end cover for 120V
926919   Matte white
926920   Matte black

ProSpec Surface mount track

ProSpec track

Mounting ProSpec track

DIRECT

1/16"

STAND-OFF

3/8"
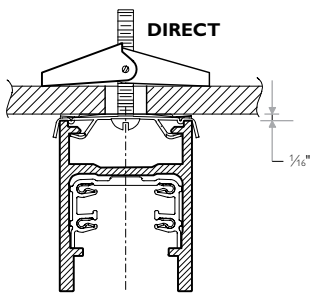
Direct mounting clips allow a clean appearance by spacing the track 1/16" from the mounting surface. Standard with all track units, they are nylon-coated to prevent rusting and ceiling marks. Toggle bolts and screws are also furnished with all units for direct mounting to the ceiling or wall.
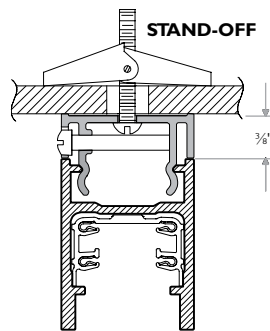
Optional stand-off mounting clips provide rigid support and hold the track 3/8" from the mounting surface. The clips feature one-screw mounting/one-screw tightening. The track snaps onto the clips and can be moved into position before tightening the locking screws.

Plain track

48"
96"
144"

3/16"
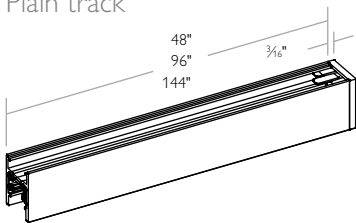
120V

4' Plain track
26004WH Matte white
26004BK Matte black

8' Plain Track
26008WH Matte white
26008BK Matte black

12' Plain Track
26012WH Matte white
26012BK Matte black

277V

4' Plain Track
37004WH Matte white
37004BK Matte black

8' Plain Track
37008WH Matte white
37008BK Matte black

12' Plain Track
37012WH Matte white
37012BK Matte black

Replacement
dead end cover for 277V
56370WH Matte white
56370BK Matte black

Connectors/accessories

ProSpec surface mount or suspended track

Straight runs of track

Begin with any length of feed track and add as many plain sections as desired. The concealed invisible coupler (Ordered separately) connects track sections mechanically and electrically. Replace the invisible coupler with in-line connector for power feed-in between track units. ProSpec Track may be cut in the field.

Making track patterns

Use "L", "T", "X", and in-line connectors to turn corners or from "T" or "X" intersections. Power may be fed into the connectors. Jumper wires are provided for power continuity. Use plain track for each straight run of track between connectors. Connectors may be attached to track that has been cut.

Stem mounting

ProSpec Track can be suspended from horizontal surfaces or sloped surfaces using ProSpec Stems. The stems (except extension stems) can be cut to any length to achieve the exact height desired. The minimum length obtainable from the ceiling is 3". Stems should not be spaced more than 4' apart. Swivel Stem Mounting Kits* are available to allow the track to hang vertically with the track opening horizontal to the floor. This is possible if the track is running parallel to the slope or perpendicular to the slope.

Direct feed into connectors

The feed track, power extension, "L", "T", "X" and In-Line Connectors contain a nut with a 1/2-14 thread to accept a 3/8" or 1/2" (trade size) electrical connector. Does not require a separate power feed kit.

Floating invisible feed

This can be mounted anywhere along the track at a maximum distance of 4 feet from the edge of track. The floating invisible feed accepts conduit or cable with 3/8" or 1/2" electrical connector (by others). It can be used with feed track, "L", "T", "X", and in-line connectors.

Invisible coupler

Cannot feed coupler.
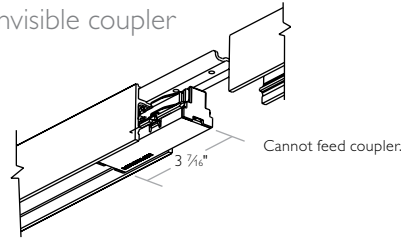
120V Surface mounting		277V Surface or suspended	
26049WH	Matte white	**37049WH**	Matte white
26049BK	Matte black	**37049BK**	Matte black
120V Suspended mounting			
26049SWH	Matte white		
26049SBK	Matte black		

Power extension (live end)
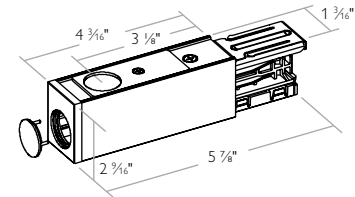
120V Surface mounting		Surface or Suspended mounting	
26046WH	Matte white	**37046WH**	Matte white
26046BK	Matte black	**37046BK**	Matte black

In-line feed connector
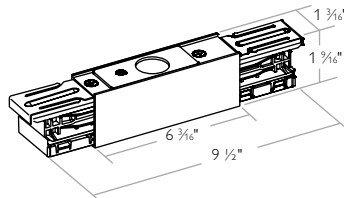
120V Surface mounting		277V Surface or suspended	
26054WH	Matte white	**37054WH**	Matte white
26054BK	Matte black	**37054BK**	Matte black
120V Suspended mounting			
26054SWH	Matte white		
26054SBK	Matte black		

"L" feed connector
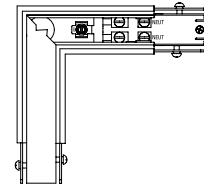
120V Surface mounting		277V Surface or suspended	
26050WH	Matte white	**37050WH**	Matte white
26050BK	Matte black	**37050BK**	Matte black
120V Suspended mounting			
26050SWH	Matte white		
26050SBK	Matte black		

"T" feed connector
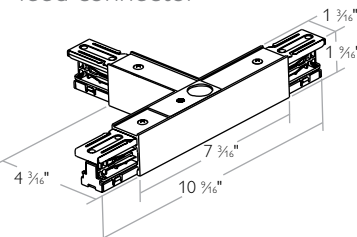
120V Surface mounting		277V Surface or suspended	
26051WH	Matte white	**37051WH**	Matte white
26051BK	Matte black	**37051BK**	Matte black
120V Suspended mounting			
26051SWH	Matte white		
26051SBK	Matte black		

"X" feed connector
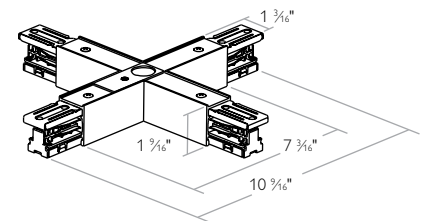
120V Surface mounting		277V Surface or suspended	
26052WH	Matte white	**37052WH**	Matte white
26052BK	Matte black	**37052BK**	Matte black
120V Suspended mounting			
26052SWH	Matte white		
26052SBK	Matte black		

Surface monopoint j-box mount
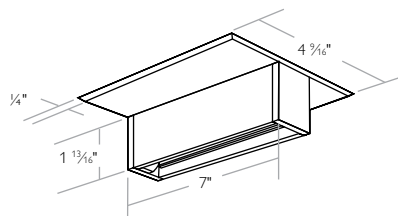
120V	
26190WH	Matte white
26190BK	Matte black

Invisible floating feed

4 ft Max
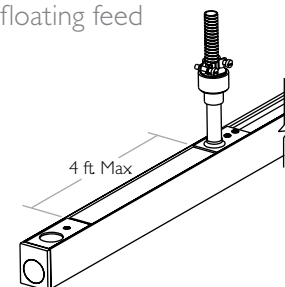
26082

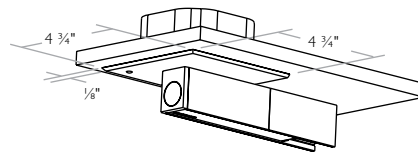### Grid ceiling canopy and j box
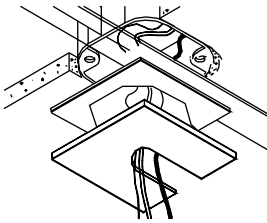
Mounts to any feed connector or along track length 4' max. from feed connector.

120V/277V
26096WH   Matte white

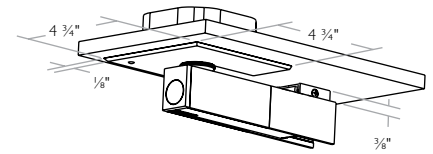### End feed & floating canopy kit

Mounts to any feed connector or along track.
Use with 1/16" Mounting Clip or direct track mount.

120V/277V
26060WH   Matte white
26060BK   Matte black

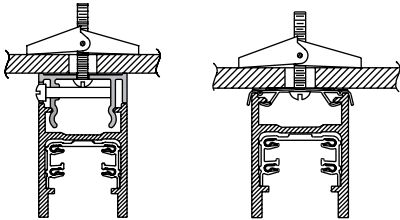### End feed & floating canopy kit for 3/8" stand off clip

Mounts to any feed connector or along track.
Use with 3/8" stand-off mounting clips.

120V/227V
26061WH   Matte white
26061BK   Matte black

Stand-off/direct mounting clips

3/8" Stand-off mounting clips Set of 4		1/16" Direct mounting clips Set of 10 replacement clips.	
26478WH	Matte white	**56451WH**	Matte white
26478BK	Matte black	**56451BK**	Matte black

Lytespan to ProSpec adapter
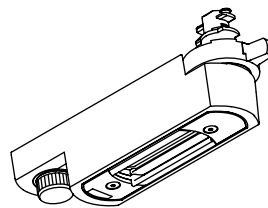
Allows most Lytespan fixtures to be mounted to ProSpec track.

120V Only
26075WH   Matte white
26075BK   Matte black

6 3/4" l x 1 9/16"w x 1 7/16" h

Stem mounting kits*
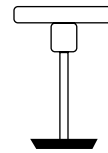
18" Stem		48" Extension	
7584	Matte white	**7582**	Matte white
7683	Matte black	**7680**	Matte black
48" Stem		48" Sloped ceiling	
7586	Matte white	**7480**	Matte white
7681	Matte black	**7481**	Matte black

Suspended track power feeds
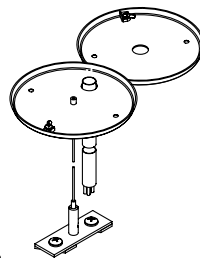
120V/277V		
37005WH	5'	White
37005BK	5'	Black
37010WH	10'	White
37010BK	10'	Black
37020WH	20'	White
37020BK	20'	Black

Cable suspension kits
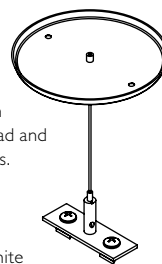
Maximum spacing 8'. Consult specification sheet for detailed load and spacing requirements.

120V/277V		
37205WH	5'	White
37205BK	5'	Black
37210WH	10'	White
37210BK	10'	Black
37220WH	20'	White
37220BK	20'	Black

Junction box adapters
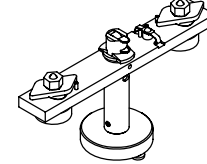
Constar   Eye-Q
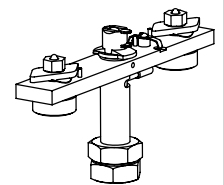
Mounts pendant type fixtures to ProSpec track

37075WH	Matte white	**37075BK**	Matte black
37076WH	Matte white	**37076BK**	Matte black

Grid ceiling mounting clips
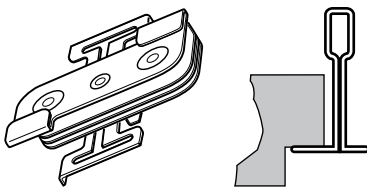
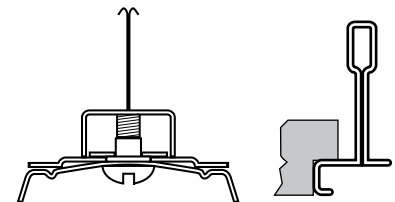For regressed-edge panels and 9/16" or 15/16" T-Bar runners.

Set of 9.
6087   Matte white

*Stems attach to the track at any point, and may be spaced up to 4' apart.

Stems cannot be attached directly to track connectors.

For square-edge panels and 9/16" or 15/16" T-bar runners.

Set of 9.
6089   Matte white

Sloped ceiling stem provides 00-900 adjustment for sloped ceilings.
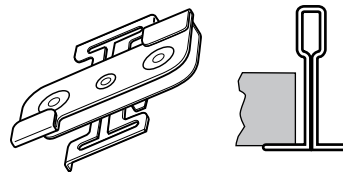
For regressed-edge panels and slotted grid runners in ceiling systems such as Donn, Fineline, and Ultraline 3500.†

Set of 9.
6088   Matte white

† Donn and Fineline are registered trademarks of USG Interiors, Inc. Ultraline 3500 is a registered trademark of Chicago Metallic Corporation.
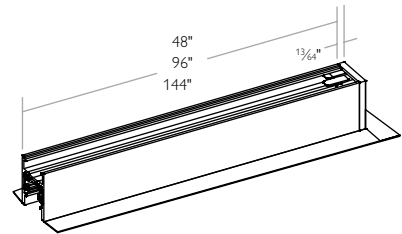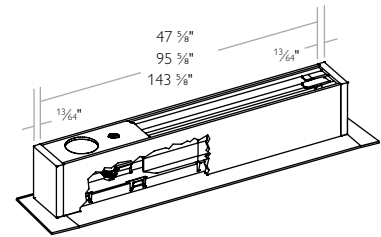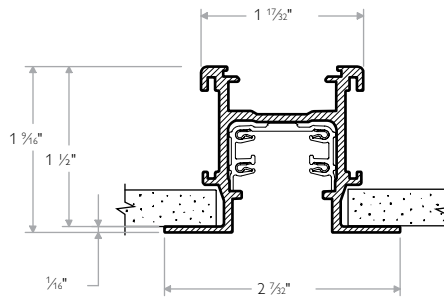
ProSpec recessed track

ProSpec recessed track

When an exceptionally clean look at the ceiling is desired, ProSpec's recessed track is the preferred choice. These flanged housings with integral track are available in 4', 8' and 12' sections for a simplified, all-in-one installation. Recessed track is available in either feed or plain units. The housing has minimum-width trim flange ideal for all ceiling materials and can be field-cut to length. ProSpec recessed track is designed to be recessed in dry ceiling applications only, such as sheet rock ceilings or suspended acoustic ceilings.

ProSpec recessed track specifications

- A two circuit recessed track consisting of two separate 120v 20 amp 60Hz branch circuits. Each circuit has dedicated neutral.
- Track is continuously grounded throughout.
- Flush adapters can be inserted in any orientation to access the circuit desired. Lever identifies which circuit is being used and is easily observed from floor.
- Material: aluminum with an average wall thickness of .08" creating a strong support for fixtures while minimizing deflections between ceiling mounts.
- ProSpec lighting units can be attached at any point along the length of the track.
- Floating splice box is available for convenient feeding of power to the installation.
- All recessed track sections may be field cut to length.

4' Recessed feed track **26601WH** Matte white	**4' Recessed plain track** **26604WH** Matte white
8' Recessed feed track **26602WH** Matte white	**8' Recessed plain track** **26608WH** Matte white
12' Recessed feed track **26613WH** Matte white	**12' Recessed plain track** **26612WH** Matte white

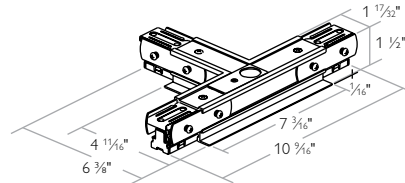# ProSpec recessed track

ProSpec recessed track

Recessed "L" connector

1 $^{17}/_{32}$"
1 ½"
4 $^{11}/_{16}$"
4 $^{11}/_{16}$"
6 ⅜"
6 ⅜"
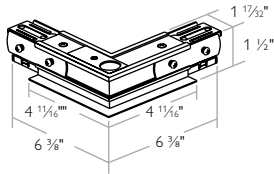
26650WH   Matte white

Recessed "T" connector

1 $^{17}/_{32}$"
1 ½"
$^{1}/_{16}$"
4 $^{11}/_{16}$"
7 $^{3}/_{16}$"
6 ⅜"
10 $^{5}/_{16}$"

26651WH   Matte white

Recessed "X" connector

1 $^{17}/_{32}$"
1 ½"
$^{1}/_{16}$"
7 $^{3}/_{16}$"
10 $^{5}/_{16}$"
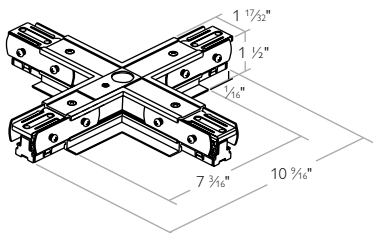
26652WH   Matte white

Recessed inline connector

1 $^{17}/_{32}$"
1 ½"
$^{1}/_{16}$"
6 $^{3}/_{16}$"
9 ½"

26654WH   Matte white

Power extension (live end)

1 ½"
4 ⅝"
6 $^{5}/_{16}$"
$^{1}/_{16}$"

26646WH   Matte white

Floating splice box (with wire cover)
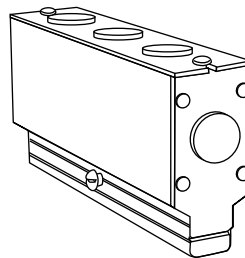
26660
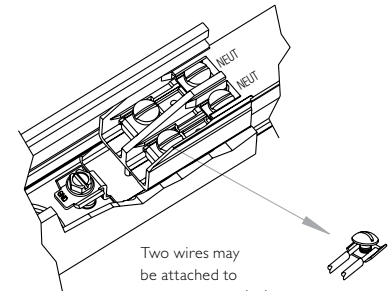
Recessed hanger clips
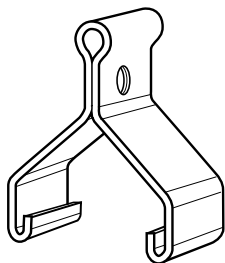
Required for recessing track into dropped ceilings.
Set of 4
26090

Invisible coupler

3 $^{7}/_{16}$"

Installing ProSpec recessed track

• Power is fed into integral feed contained in the feed track.
• Recessed track can also be fed from a floating splice box installed at the end along the track length (order separately).
• Order one feed recessed track unit and as many plain recessed track units as required for each straight run of track between intercepts.
• Patterns can be constructed using the recessed "L", "T", "X" power extensions or in-line connectors.
• Power can be fed into recessed "L", "T", "X", in-line connectors, power extension connectors or feed track.
• Invisible Coupler is used to join straight tracks mechanically and electrically.
• All connectors are extruded aluminum housings with the same profile as the recessed track to provide a clean continuous look.
• All connectors can be joined to the cut end of the track.

Each leg of feed connector contains screw terminals for complete wiring flexibility.

NEUT
NEUT

Two wires may be attached to one screw terminal.

Recessed monopoint

ProSpec track luminaires, 500W max. NOT FOR USE with ProSpec PAR56 or PAR64 track mounted units

26690WH   Matte white
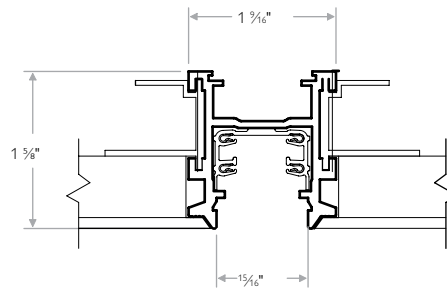**26690BK**   Matte black

ProSpec recessed flangeless track

Full ceiling integration

ProSpec recessed flangeless track provides full integration of the track system into the ceiling for the cleanest possible appearance. The housings with integral track are available in 4', 8' and 12' sections and feature a mounting flange that is completely concealed by the finished ceiling. The track sections are available in Feed and Plain units and can be field-cut to length. ProSpec recessed flangeless track is designed to be recessed in dry ceiling applications only, such as sheet rock or plaster ceilings.

ProSpec recessed flangeless track specifications

• A two circuit recessed track consisting of two separate 120v 20 amp 60Hz branch circuits. Each circuit has dedicated neutral.

• Track is continuously grounded throughout.

• Flush adapters can be inserted in any orientation to access the circuit desired. Lever identifies which circuit is being used and is easily observed from floor.

• Material: aluminum with an average wall thickness of .08" creating a strong support for fixtures while minimizing deflections between ceiling mounts.

• ProSpec lighting units can be attached at any point along the length of the track.

• Floating splice box is available for convenient feeding of power to the installation.

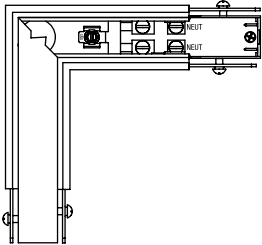• All recessed track sections may be field cut to length.

1 ⁹⁄₁₆"

1 ⁵⁄₈"

1⁵⁄₁₆"

4' Recessed feed track	4' Recessed plain track
26601WH Matte white	**26604WH** Matte white
8' Recessed feed track	8' Recessed plain track
26602WH Matte white	**26608WH** Matte white
12' Recessed feed track	12' Recessed plain track
26613WH Matte white	**26612WH** Matte white

ProSpec recessed flangeless track

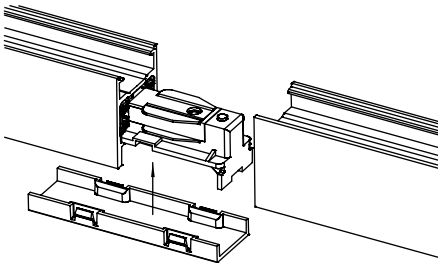**Installation recessed flangeless track**

Recessed flangeless "L" connector

26850WH   Matte white
26850BK   Matte black

Invisible coupler

26049WH   Matte white
26049BK   Matte black

Recessed flangeless in-line connector

26854WH   Matte white
26854BK   Matte black

Recessed flangeless live end/power extension

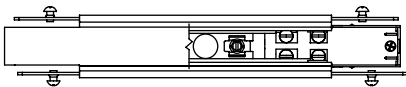**26846WH**   Matte white
26846BK   Matte black

Recessed flangeless monopoint

26890WH   Matte white
26890BK   Matte black
Aperture: 7 1/16"l × 1 5/16"w
Overall height: 4 11/16"h

Recessed floating splice box

26660

Recessed hanger clips
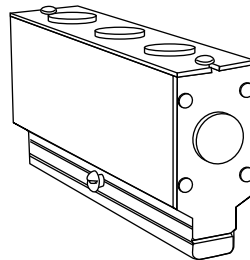
Required for recessing track into dropped ceilings
Set of 4
26090

### Installing Prospec recessed flangeless track

- Power is fed into integral feed contained in the feed track.
- Recessed flangeless track can also be fed from a floating splice box installed at the end of or between housings (order separately).
- Order one feed track unit and as many plain track units as required for each straight run of track between intercepts.
- Patterns can be constructed using the recessed "L" power extensions or in-line connectors.
- Power can be fed into recessed "L" or In-Line connectors.
- Invisible coupler is used to join straight tracks mechanically and electrically.
- All connectors are extruded aluminum housings with the same profile as the recessed flangeless track to provide a clean continuous look.
- All connectors can be joined to the cut end of the track.

Each leg of feed connector contains screw terminals for complete wiring flexibility.

Two wires may be attached to one screw terminal.
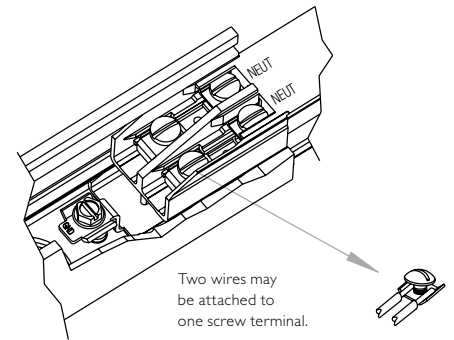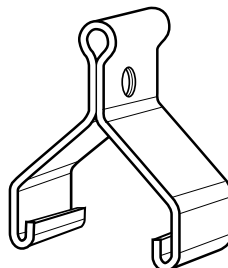
ProSpec PowerTrip

Current limiting device

PowerTrip

PowerTrip is a current limiting device designed for use with ProSpec track. It works by minimizing the impact of current and pending state and federal energy legislation that penalizes the use of track lighting; particularly with fluorescent or metal halide light sources in retail applications. Under Title 24 of the CA Energy Code, or ASHRAE 90.1, the actual wattage of fixtures on a given circuit of track is typically exceeded by the higher value of the "default" load as defined in the code. These codes force the use of the default load for power consumption calculations unless an integral current limiting device is installed on the track.
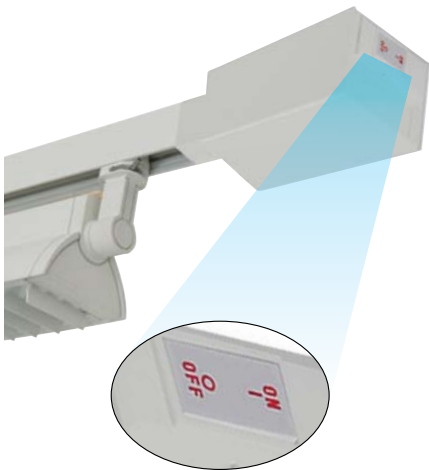
How it works

PowerTrip replaces standard live-end and in-line track power feeds and is just as easy to install. PowerTrip connectors contain a miniature electro-magnetic circuit breaker that limits the current load on the track to a specified amperage/ wattage. Exceeding the rating of the PowerTrip device by increasing fixture wattage or count breaks the circuit and shuts off power to the track. Remove the excess load, reset the PowerTrip breaker, and power is restored to the track.

How to select

Total the wattage (including ballast input wattage if applicable) of all fixtures that will be used on each circuit of track. Determine the default wattage as stipulated by the applicable code; either 45 watts per linear foot of track (in CA), or 30 watts per linear foot (most other states). If the actual load exceeds the default load PowerTrip is not required. If the default load is higher than the actual load select the PowerTrip kit that exceeds but is closest to the actual load.

How to order

PowerTrip is a two-part system. Choose the PowerTrip kit that best suits the power feed requirements of the installation, either live-end or in-line. Next choose the PowerTrip breaker module as shown in "How to select" above. Order both components separately.

The first integral current limiting device for line voltage track lighting.

Energy codes impacting track lighting

California Energy Code – Title 24

Section 130.c.3 of California's Title 24 Energy Code states that; for the purpose of calculating the allowed energy consumption (in watts) for interior track lighting; "The wattage of line-voltage lighting track and plug-in busway which allows the addition or relocation of luminaires without altering the wiring of the system shall be the volt-ampere rating of the branch circuit feeding the luminaires or an integral current limiter controlling the luminaires, or the higher of the maximum relamping rated wattage of all of the luminaires included in the system, listed on a permanent factory-installed label, as specified by UL 1574, or 45 Watts per linear foot."

### ASHRAE 90.1-2004, Addendum E

9.1.4 (c) Luminaire wattage

For line-voltage lighting track and plug-in busway, designed to allow the addition and/or relocation of luminaires without altering the wiring of the system, the wattage shall be:

1. The specified wattage of the luminaires included in the system with a minimum of 30 W/lin ft (98 W/lin m), or
2. The wattage limit of the system's circuit breaker, or
3. The wattage limit of other permanent current limiting device(s) on the system.
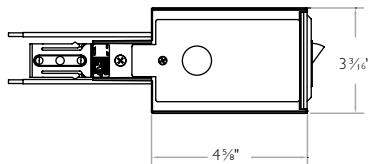
ProSpec PowerTrip

Current limiting device

Live end canopy 120V

4 ½"
5 ⅛"
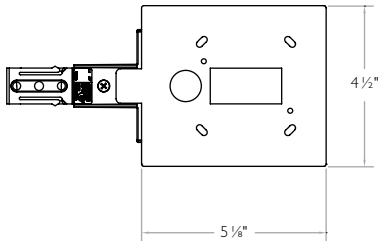
26099WH   White
26099BBK   Black

Live end suspended 120V

3 ³⁄₁₆"
4 ⅝"

26S99WH   White
26S99BK   Black

Live end canopy 277V

5 ⅝"
4 ½"

37099WH   White
37099BK   Black

Live end suspended 277V

3 ³⁄₁₆"
4 ⅝"

37S99WH   White
37S99BK   Black

Example calculation

A 20-foot installation of ProSpec track is fitted with three 59 watt* T5 fluorescent wall washers. Under Title 24 the larger of the following two calculations will be used to quantify the total energy consumption of the system, regardless of the actual consumption.

3 fixtures X 59 watts/fixture = 177 actual watts; or 45 watts X 20 feet of track = 900 "default" watts.

By code the energy consumption of the system will default to the larger of the above two values, or 900 watts. Since the actual power consumption is 177 watts, a total of 723 watts (900-177) of lighting potential is forfeited.

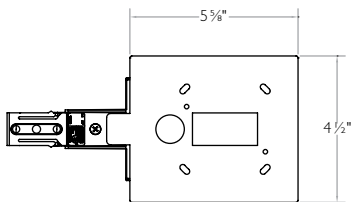However, if a 2.5A/300W PowerTrip kit is installed the code allows the following.

300 PowerTrip watts – 177 actual watts = 123 watts

By using PowerTrip only 123 watts of lighting potential is forfeited versus 723 watts without. PowerTrip "saves" 600 watts (723-123, or 900-300).

The above calculation is for example only. Philips Lightolier only warrants that PowerTrip breaker modules will perform as rated. Local authorities have jurisdiction over code interpretation and enforcement. The codes outlined here are current as of this printing. Local and municipal codes may vary and/or change without notice.
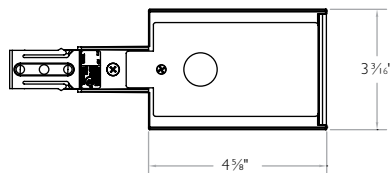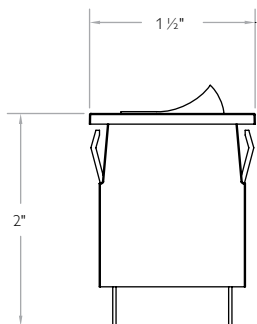
*Total input watts of ballast.

PowerTrip plug-in breaker modules

1 ½"
2"

		Amps	120V	227V
PSP9AWH/BK	White/black	9.0A	1080W	2493W
PSP10AWH/BK	White/black	10.0A	1200W	2770W
PSP1AWH/BK	White/black	1.0A	120W	277W
PSP11AWH/BK	White/black	11.0A	1320W	3047W
PSP12AWH/BK	White/black	12.0A	1440W	3324W
PSP2AWH/BK	White/black	2.0A	240W	554W
PSP25AWH/BK	White/black	2.5A	300W	692W
PSP3AWH/BK	White/black	3.0A	360W	831W
PSP4AWH/BK	White/black	4.0A	480W	1108W
PSP5AWH/BK	White/black	5.0A	600W	1385W
PSP6AWH/BK	White/black	6.0A	720W	1662W
PSP7AWH/BK	White/black	7.0A	840W	1939W
PSP75AWH/BK	White/black	7.5A	900W	2077W
PSP8AWH/BK	White/black	8.0A	960W	2216W

Consult factory for custom ratings.

Short circuit current rating (AIC): 1kA