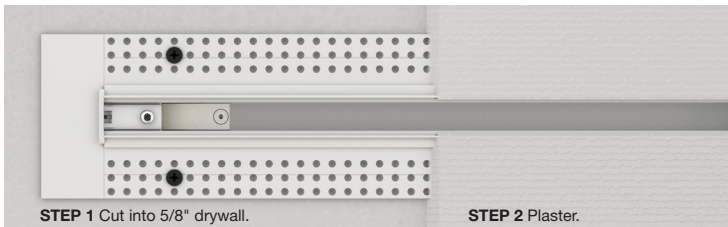


TruTrack

SINGLE CIRCUIT, RECESSED 24VDC

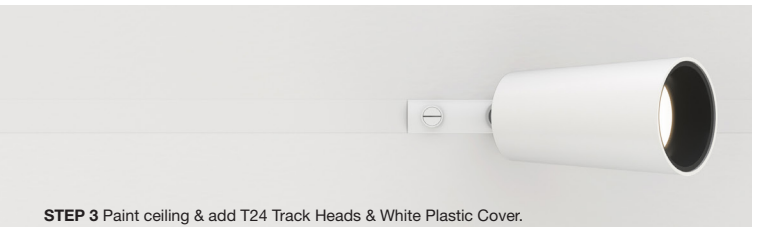
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STEP 1 Cut into 5/8" drywall.

STEP 2 Plaster.



STEP 3 Paint ceiling & add T24 Track Heads & White Plastic Cover.

DESCRIPTION

TruTrack kit or BIY is a plaster-in recessed 24VDC single circuit track that is only as thick as the 5/8" drywall, which eliminates the concern of hitting studs, and allows more flexibility to make turns along the ceiling. For a complete and clean architectural look, a paintable slot cover is supplied with TruTrack so only the Track Head will be visible once installed.

FEATURES

- Designed for use with a 24VDC Universal Remote Power Supply up to 40' away
- With Universal Remote Power Supply, smaller Track Heads can be utilized for a refined look
- Track Heads come in two options, Warm Dim - 3000K dims to 1900K, 95 CRI or 3000K Standard Dim
- Track Head Lumen Output from 6.8 Watts, 409 Lumens to 12.5 Watts, 1148 Lumens, with 4 different Beam Spreads to choose from
- Track Power Feeds may be ordered in End, Center, L, T, and X, up to 200 Watts before re-feeding, 400 Watts at Center Feed, 100 watts max for soft strip
- Recessed TruTrack Channel is available in 2', 4', 6', and 8' lengths, with the ability to be cut at the job site
- White Plastic Cover is included with TruTrack Channel to hide Recessed Track Slot and may be painted to match the ceiling
- 10 Gauge Buss Bar to help eliminate voltage drop

FINISH & MATERIAL

- White Powder Paint
- Extruded Aluminum Channel, conductors are a pair of #10 Gauge Copper Bus

APPLICATIONS

Suitable for damp or dry location. Interior use only

INTEGRAL LED LAMP

- 30D (Warm Dim 3000K-1900K) or 30K (3000K Standard Dim)
- 50,000 Hour Lamp Life

UNIVERSAL POWER SUPPLIES (SOLD SEPARATELY)

- The Solid State Constant Voltage Uni-Power Supply is compatible with most commercially available Dimmers:
- Triac Dimmer : (Forward Phase) Typically used for the dimming of Incandescent and Low Voltage Magnetic Transformers
- ELV Dimmer : (Reverse Phase) Dimming of Electronic Low Voltage Transformers and Power Supplies used for LED lighting
- 0-10 Dimmer : Dims the Low Voltage side of a 0-10 volt power supply commonly used in large scale lighting or commercial applications.

WARRANTY / LABELS

5 year warranty. Assembled in America
ETL (Conforms to UL 1598 and CSA 22.2 #250.0),
California Title 24, Class 2 Under 100 Watts, 200 Watt UL2108

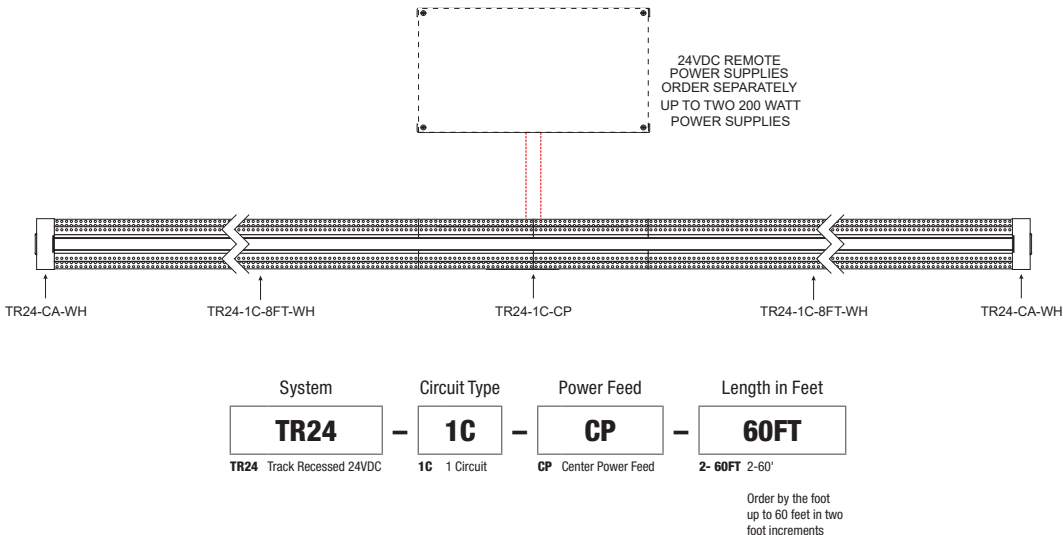
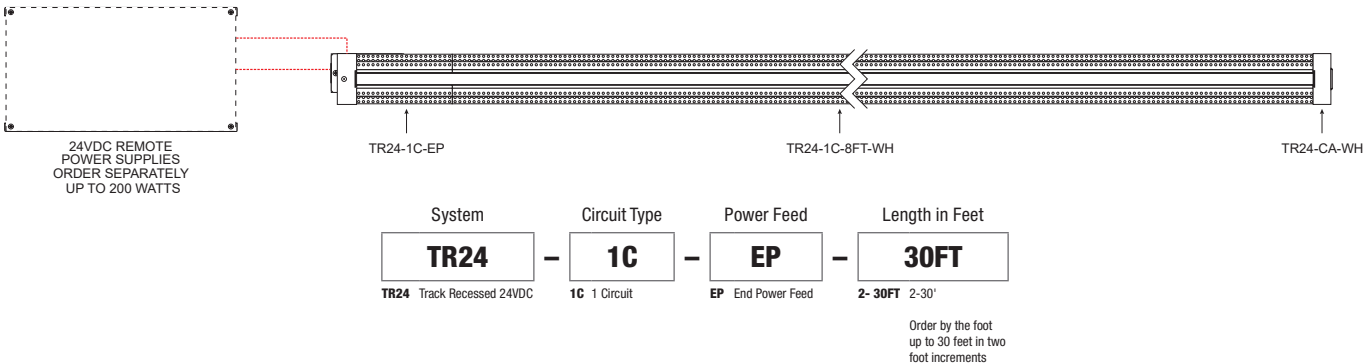


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EASY KIT, STRAIGHT WITH POWER, ORDER FIXTURE SEPARATELY

Kit includes end feed, track, track cover, end cap and remote power supply. Order fixture heads and power separately.

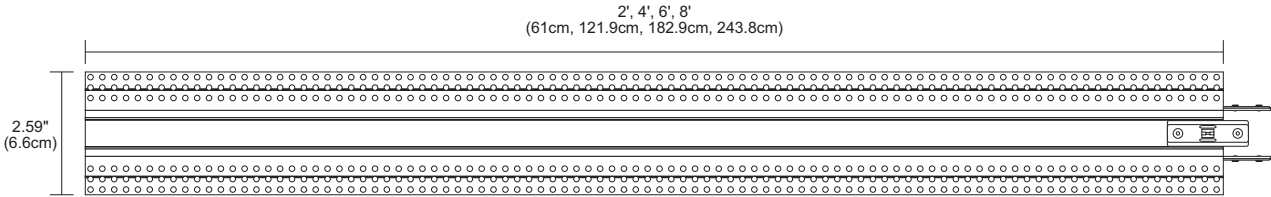




COMPONENTS Track Components

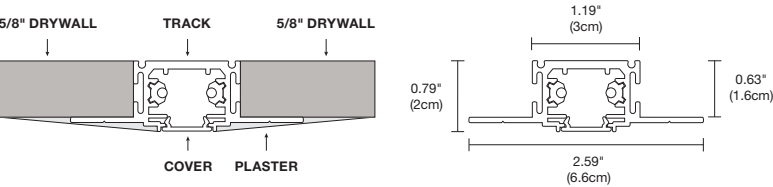


SINGLE CIRCUIT RECESSED 24VDC TRACK



SINGLE CIRCUIT TRACK COMPONENTS

Made of extruded Aluminum Channel with 10 gauge bus bar to help eliminate voltage drop and is designed for use with 24VDC Remote Power Supply, sold separately. Includes two Opaque Covers for Track Slot and Conductive Connector.



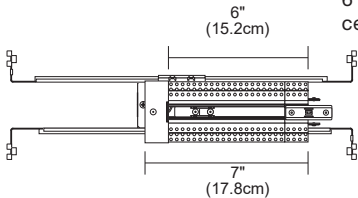
System	Circuit	Length in Feet	Color
TR24	1C	8FT	WH
TR24 TruTrack Recessed	1C Single Circuit	2FT 2' 4FT 4' 6FT 6' 8FT 8'	WH White Powder Paint

OPAQUE SLOT COVER (INCLUDED)

Two paintable Opaque Covers are included with each Recessed Track

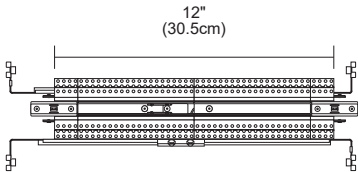
System	Type	Length in Feet	Color
T24	SCO	8FT	WH
T24 Track Recessed 24VDC	SCO Opaque Cover for Track Slot	8FT 8'	WH White

COMPONENTS Power Feeds



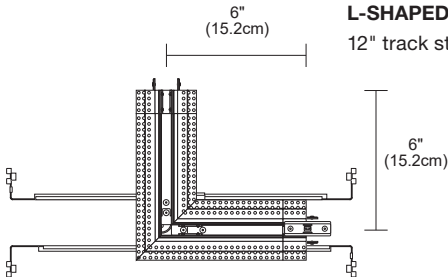
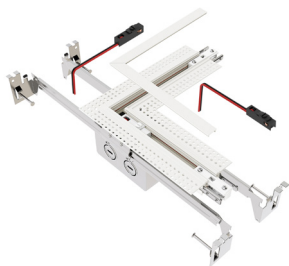
END POWER FEED WITH JUNCTION BOX FOR 5/8"-1.25" DRYWALL
 6" starter section included. Feed 24VDC Track up to 200 watts. May be used on cement ceiling with only 5/8 " dry wall (Jbox not used)

System	Circuit Type	Type
TR24	1C	EP
TR24 TruTrack Recessed	1C Single Circuit	EP End Power Feed up to 200 Watts, 24VDC, 6" Long track



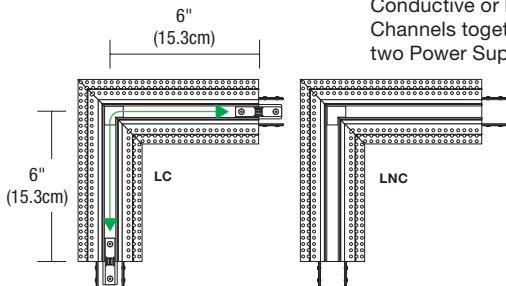
CENTER POWER FEED WITH JUNCTION BOX FOR 5/8"-1.25 DRYWALL
 12" starter section included, feed track up to 2x 200 watts 24VDC

System	Circuit Type	Type
TR24	1C	CP
TR24 TruTrack Recessed	1C Single Circuit	CP Center Power Feed 2x200 Watts with 12" Long track



L-SHAPED POWER CONNECTOR FOR 5/8" DRYWALL WITH JUNCTION BOX
 12" track starter section included, feed track up to 2x 200 watts 24VDC a

System	Circuit Type	Type
TR24	1C	LP
TR24 TruTrack Recessed	1C Single Circuit	LP L-Shaped Power Connector 2x200 Watts, with 6" long Track



L-CONNECTOR
 Conductive or Non-Conductive L-Connector joins two straight TruTrack Channels together to make a 90° angle. Order Non-Conductive when adding two Power Supplies in a square configuration.

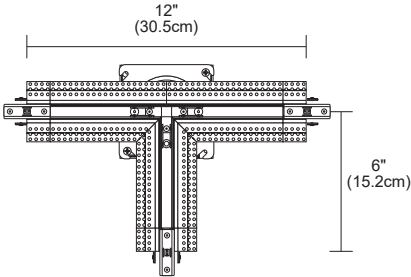
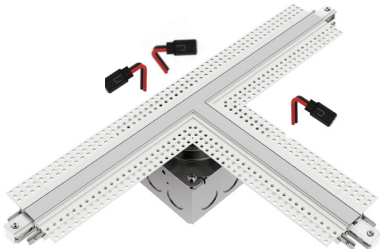
System	Type	Color
TR24	LC	WH
TR24 TruTrack Recessed	LC L-Connector Conductive LNC L-Connector Non-Conductive	WH White Cover

COMPONENTS Power Feeds (cont'd)

Indicates 24VDC Power Flow

T-SHAPED POWER FEED WITH JUNCTION BOX

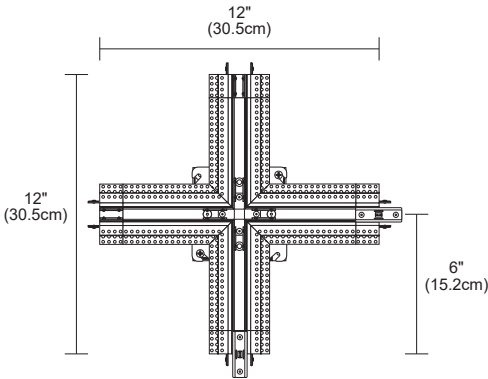
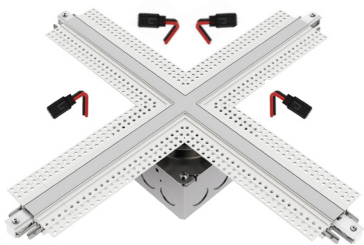
T-SHAPED POWER FEED WITH JUNCTION BOX FOR 5/8"-1.25" DRYWALL
 feed track up to 3x 200 watts 24VDC



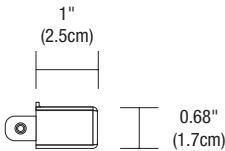
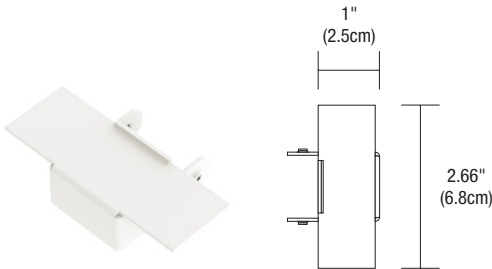
System	Circuit Type	Type
TR24	1C	TP
TR24 TruTrack Recessed	1C Single Circuit	TP T-Shaped Power Feed Triple Feed up to 3x200 Watts, 24VDC with 6" Long Track

X-SHAPED POWER FEED WITH JUNCTION BOX

X-SHAPED POWER FEED WITH JUNCTION BOX FOR 5/8"-1.25" DRYWALL
 feed track up to 4x 200 watts 24VDC



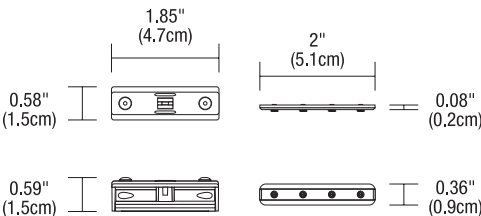
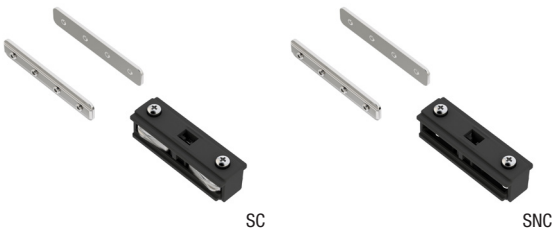
System	Circuit Type	Type
TR24	1C	XP
TR24 TruTrack Recessed	1C Single Circuit	XP X-Shaped Power Feed Quad Feed up to 4x200 Watts, 24VDC, with 6" Long Track



END CAP
 Need to be ordered with each dead end of TR24 Track System.

System	Type	Color
TR24	CA	WH
TR24 TruTrack Recessed	CA End Cap	WH White Cover

STRAIGHT CONNECTOR
 Miniature Straight Connector joins two Track sections end to end and is covered by the Plastic Insert. Included with Track Sections.



System	Type
T24	SC
T24 Track Recessed 24VDC	SC Straight Connector Conductive SNC Straight Connector Non-Conductive

COMPONENTS Power Feeds (cont'd)

SINGLE CIRCUIT SOFT STRIP INLINE POWER FEED

Use Inline Power Feed to add Linear LED strip for general lighting anywhere along the single circuit track. Track head and Strip are on the same circuit and will dim and turn off with the same switch.

System	Power Feed	Connector Type	Circuit
TR24	ILP	SS	1C
TR24 TruTrack Recessed	ILP Inline Power Feed	SS Soft Strip Connector	1C Single Circuit

LED SOFT STRIP

TUBO SMALL

TR24-ILP-SS-1C

COMPONENTS

TRANSPARENT LENS SLOT COVER FOR LED SOFT STRIP (INCLUDED)

One included with each track order. Use Slot Cover for LED Soft Strip to give you a Line of Light any where along the Track. No LED dots.

System	Type	Length in Feet	Color
T24	SCT	8FT	DW
T24 Track Recessed 24VDC	SCT Slot Cover, Transparent	8FT 8'	DW Diffused Translucent White

LED SOFT STRIP

WARM DIM (27D & 30D)			
Length	5W (4.8 Watts)		
	TRANSPARENT LENS (Inches)	TOTAL WATTAGE	TOTAL LUMENS
		2700K	3000K
12	5	255	278
24	10	510	556
36	15	765	834
48	20	1020	1112
60	25	1275	1390
72	30	1530	1668
84	35	1785	1946
96	40	2040	2224
108	45	2295	2502
120	50	2550	2780

PL5X WARM DIM 10MM SOFT STRIP

Commercial-grade LED Soft Strip with high CRI LEDs and 95+ CRI with excellent TM-30Data (pg 11), offering superior color rendering and enhanced color. Flexible copper strip with optically clear protective coating, and industrial strength 3M™ tape backing and two pin connectors. Dims with 0-10V dimmers (sold separately Pure Edge Remote Power Supply only) and dims to 2000K.




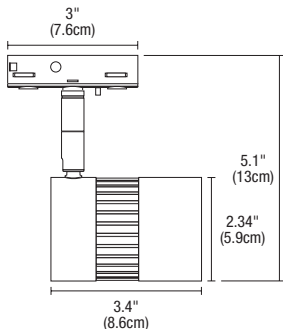
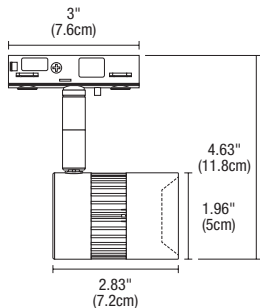
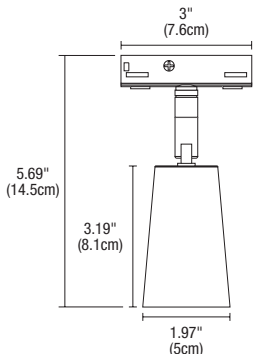
System	Voltage	Length in Feet	Color Temperature
PL5X	24V	20	27D
PL5X Soft Strip 10mm Wide 4.5 Watts/Foot	24V 24 Volt	Sold in 1' increments, up to 20'	27D 2700K Warm Dim 30D 3000K Warm Dim

TruTrack

SINGLE CIRCUIT, RECESSED 24VDC

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T24 TRACK HEADS 0-10V DIMMING ONLY						
PRODUCT	RADIANT LARGE		RADIANT MEDIUM		DELTA SMALL	
T24 WARM DIM TRACK HEADS COMPARISON CHART						
ORDERING CODE	System		Fixture	Beam Spread Lens	Color Temperature	Finish
	<div>T24</div>		<div>RADL</div>	<div>NF</div>	<div>30K</div>	<div>WH</div>
	T24 Mounts to any TS24 Surface Track, TR24 Recessed Track, Nova Track NCTR, NSTR, or Pipeline Track P1CTR or P1STR		RADL Radiant Large RADM Radiant Medium* DELS Delta Small* *SP, FL, & WF ONLY	SP 15° or 20° Lens NF 25° Lens FL 40° Lens WF 60° Lens	24K 2400K Very Warm White 27K 2700K Incandescent White 30D 3000D Warm Dim 30K 3000K Warm White 35K 3500K Neutral White	WH White Powder Paint BK Black Powder Paint
SPECIFICATIONS						
T24 TRACK HEADS						
DESCRIPTION	The RADIANT LARGE WARM DIM LED 24VDC TRACK HEAD includes reflector with ordering code that may be changed at the job site. Reflectors give a smooth uniform beam at Spot (SP) 15°, Narrow Flood (NF) 25°, Flood (FL) 40° or Wide Flood (WF) 60° beam spreads.		The RADIANT MEDIUM WARM DIM LED 24VDC TRACK HEAD includes reflector with ordering code that may be changed at the job site. Reflectors give a smooth uniform beam at Spot (SP) 20°, Flood (FL) 40° or Wide Flood (WF) 60° beam spreads.		The DELTA SMALL WARM DIM LED 24VDC TRACK HEAD includes reflector with ordering code that may be changed at the job site. Reflectors give a smooth uniform beam at Spot (SP) 20°, Flood (FL) 40° or Wide Flood (WF) 60° beam spreads.	
COLOR TEMPERATURE	30D Warm Dim		30K Standard		30D Warm Dim	
WATTAGE	16 W		15 W		6 W	
TOTAL LUMENS*	787		1128		539	
LUMENS PER WATT*	48		75		90	
CRI	98		82		96	
R9	88		9		82	
R13	99		82		98	
Rf	95		82		93	
Rg	103		97		100	
FINISH	Available in Black Powder Paint (BK) or White Powder Paint (WH)					
MATERIAL	Each T24 Track Head is made from Cast Aluminum					
INPUT VOLTAGE	24VDC		24VDC		24VDC	
FREQUENCY	50/60HZ		50/60HZ		50/60HZ	
POWER FACTOR	> 0.90		> 0.90		> 0.90	
APPLICATION	Suitable for damp or dry locations. Indoor use only.					
DIMMING & FLICKER	0-10V dimming Flicker less than 4%					
COMPLIANCE LABEL	ETL TO UL 2108 STANDARD		ETL TO UL 2108 STANDARD		ETL TO UL 2108 STANDARD	
LED LAMP LIFE	50,000 HOURS		50,000 HOURS		50,000 HOURS	
For more detailed information, please view Product Spec Sheet for each Track Head at www.PureEdgeLighting.com						

*Lumens & TM-30 Data based on 3000K 40° Beam Spread





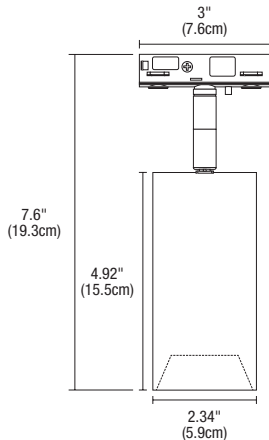
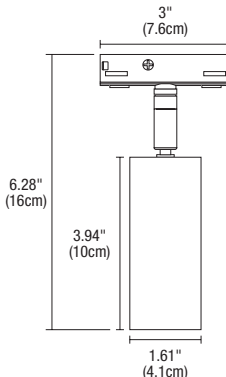
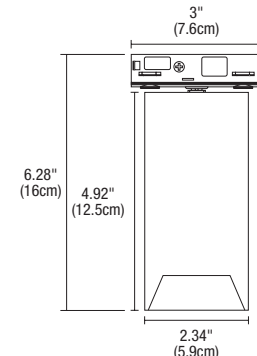
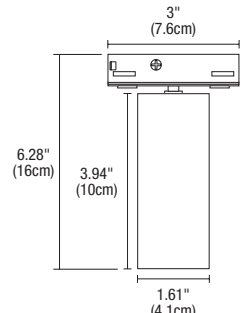
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TruTrack

SINGLE CIRCUIT, RECESSED 24VDC






DESIGNED BY GREGORY KAY | US PATENT ISSUED | ASSEMBLED IN AMERICA






REV 02.06.20






T24 TRACK HEADS 0-10V DIMMING ONLY								
PRODUCT	TUBO LARGE		TUBO SMALL		TUBO LARGE DOWNLIGHT		TUBO SMALL DOWNLIGHT	
T24 WARM DIM TRACK HEADS COMPARISON CHART								
ORDERING CODE	System		Fixture		Beam Spread Lens		Color Temperature	
	T24		TUBS		NF		30K	
	T24 Mounts to any TS24 Surface Track, TR24 Recessed Track, Nova Track NCTR, NSTR, or Pipeline Track P1CTR or P1STR		TUBL Tubo Large TUBS Tubo Small* TUBLD Tubo Large Downlight TUBSD Tubo Small Downlight		SP 15° or 20° Lens NF 25° Lens FL 40° Lens WF 60° Lens		24K 2400K Very Warm White 27K 2700K Incandescent White 30D 3000D Warm Dim 30K 3000K Warm White 35K 3500K Neutral White	
			*SP, FL, & WF ONLY				WH White Powder Paint BK Black Powder Paint	
SPECIFICATIONS								
T24 TRACK HEADS								
DESCRIPTION	The TUBO LARGE WARM DIM LED 24VDC TRACK HEAD includes reflector with ordering code that may be changed at the job site. Reflectors give a smooth uniform beam at Spot (SP) 15°, Narrow Flood (NF) 25°, Flood (FL) 40° or Wide Flood (WF) 60° beam spreads.		The TUBO SMALL WARM DIM LED 24VDC TRACK HEAD includes reflector with ordering code that may be changed at the job site. Reflectors give a smooth uniform beam at Spot (SP) 20°, Flood (FL) 40° or Wide Flood (WF) 60° beam spreads.		The TUBO LARGE DOWNLIGHT WARM DIM LED 24VDC TRACK HEAD includes reflector with ordering code that may be changed at the job site. Reflectors give a smooth uniform beam at Spot (SP) 15°, Narrow Flood (NF) 25°, Flood (FL) 40° or Wide Flood (WF) 60° beam spreads.		The TUBO SMALL DOWNLIGHT WARM DIM LED 24VDC TRACK HEAD includes reflector with ordering code that may be changed at the job site. Reflectors give a smooth uniform beam at Spot (SP) 20°, Flood (FL) 40° or Wide Flood (WF) 60° beam spreads.	
COLOR TEMPERATURE	30D Warm Dim 30K Standard		30D Warm Dim 30K Standard		30D Warm Dim 30K Standard		30D Warm Dim 30K Standard	
WATTAGE	14.45 W 14 W		7 W 9 W		14.45 W 14 W		7 W 9 W	
TOTAL LUMENS*	1037 1317		411 494		1037 1317		411 494	
LUMENS PER WATT*	72 91		63 56		72 91		63 56	
CRI	98 92		96 93		98 92		96 93	
R9	90 57		83 65		90 57		83 65	
R13	100 93		98 94		100 93		98 94	
Rf	95 91		93 91		95 91		93 91	
Rg	100 98		101 100		100 98		101 100	
FINISH	Available in Black Powder Paint (BK) or White Powder Paint (WH)							
MATERIAL	Each T24 Track Head is made from Cast Aluminum							
INPUT VOLTAGE	24VDC		24VDC		24VDC		24VDC	
FREQUENCY	50/60HZ		50/60HZ		50/60HZ		50/60HZ	
POWER FACTOR	> 0.90		> 0.90		> 0.90		> 0.90	
APPLICATION	Suitable for damp or dry locations. Indoor use only.							
DIMMING & FLICKER	0-10V dimming Flicker less than 4%							
COMPLIANCE LABEL	ETL TO UL 2108 STANDARD		ETL TO UL 2108 STANDARD		ETL TO UL 2108 STANDARD		ETL TO UL 2108 STANDARD	
LED LAMP LIFE	50,000 HOURS		50,000 HOURS		60,000 HOURS		50,000 HOURS	
For more detailed information, please view Product Spec Sheet for each Track Head at www.PureEdgeLighting.com								

*Lumens & TM-30 Data based on 3000K 40° Beam Spread

PROJECT		FIXTURE TYPE		DATE	
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REPLACEMENT REFLECTORS FOR TRACK HEADS					
PRODUCT	RADIANT LARGE 	RADIANT MEDIUM 	TUBO LARGE 	TUBO SMALL 	DELTA SMALL 
ORDERING CODE	REF-1.75-(SP, NF, FL, WF)	REF-1.375-(SP, FL, WF)	REF-1.75-(SP, NF, FL, WF)	REF-1.375-(SP, FL, WF)	REF-1.375-(SP, FL, WF)
REFLECTOR SIZE	1.75" Diameter	1.375" Diameter	1.75" Diameter	1.375" Diameter	1.375" Diameter
BEAM SPREADS	SP (15°), NF (25°), FL (40°), WF (60°)	SP (20°), FL (40°), WF (60°)	SP (15°), NF (25°), FL (40°), WF (60°)	SP (20°), FL (40°), WF (60°)	SP (20°), FL (40°), WF (60°)

FILM LENS SOFT FOCUS					
INCLUDED WITH EACH TRACK HEAD, DIFFUSES A BEAM PATTERN TO PROVIDE EVEN ILLUMINATION					
PRODUCT	RADIANT LARGE 	RADIANT MEDIUM 	TUBO LARGE 	TUBO SMALL 	DELTA SMALL 
ORDERING CODE	LF-RADL-SF	LF-RADM-SF	LF-TUBL-SF	LF-TUBS-SF	LF-DELS-SF

FILM LENS LINEAR SPREAD					
LINEAR SPREAD LENS DIRECTS THE 10, 15, 25 DEGREE BEAM INTO AN ELONGATED SHAPE. THIS IS TYPICALLY USED IN LONG RECTANGLE PAINTINGS AND ART WORK, 35, 40, 60 DEGREE ELONGATED OVAL SHAPE USED IN ART WORK AND WALL WASH					
PRODUCT	RADIANT LARGE 	RADIANT MEDIUM 	TUBO LARGE 	TUBO SMALL 	DELTA SMALL 
ORDERING CODE	LF-RADL-LS	LF-RADM-LS	LF-TUBL-LS	LF-TUBS-LS	LF-DELS-LS

PENDANTS Various Pendants available for TruTrack Recessed



T24-BBCL-10FT-24-WH
Fast Jack Bubble Ball
Fixture Finishes: SN



T24-EVE-PL-24-WH
Fast Jack Everest
Color: Clear (CL), Platinum (PL)
Fixture Finishes: SN, PN, BZ



T24-SALUTI-SM-CR-24-WH
Fast Jack Saluti
Size: 3" (SM), 4" (MD), 5.5" (LG)
Glass Color: Cristallo (CR)
Fixture Finishes: SN, PN, BZ



JC20XE/24 20 WATT 200 LUMENS
JC10XE/24 10 WATT 95 LUMENS
24V G4 Xenon Lamp JC type G4 Bi-pin
base low voltage 24V Xenon bulb
2000 hours lamp life

Lamps included with all PureEdge Pendants.

For more Lamp Data, see Product Spec Sheets on PureEdgeLighting.com



T24 FAST JACK FEMALE TRACK CONNECTOR

Use the Fast Jack T24 Female Track Connectors to adapt any Coaxial Pendant fixtures (with 3/32" diameter Coaxial Cable) to PureEdge Lighting TruTrack and Pipeline 24VDC Circuit Systems. 7lbs. weight limit.

System	Type	Color
T24	FJ	WH
T24 Track Recessed 24VDC	FJ Fast Jack Connector	BK Black WH White










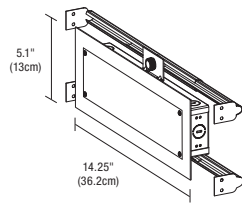
FAST JACK 24VDC MALE CONNECTOR

Fast Jack 24VDC Male Connector use with any Coaxial Pendant fixtures (with 3/32" diameter Coaxial Cable and 24VDC bulb) to PureEdge Lighting TruTrack and Pipeline 24VDC Circuit Systems. Fast Jack 24VDC male connector has a 7 lbs weight limit.

System	Type	Color
FJ	MC24	SN
FJ Fast Jack	MC24 Male Connector 24 Volt	SN Satin Nickel

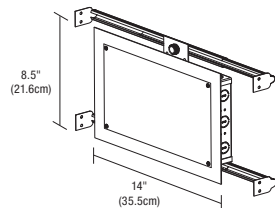
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0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS [†]				
ORDERING CODE	PSB-25W-010-24VDC	PSB-60W-010-24VDC	PSB-96W-010-24VDC	PSB-200W-010-24VDC
				
SPECIFICATIONS				
MAXIMUM LOAD	25W	60W	96W	200W
INPUT VOLTAGE	120VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"	12.15" X 6.48" X 2.18"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	2108
IN-WALL MOUNTING	PSB-25W-010-24VDC-IW	PSB-60W-010-24VDC-IW	PSB-96W-010-24VDC-IW	PSB-200W-010-24VDC-IW
0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS [†]				
ORDERING CODE	PSB-2X96W-010-24VDC	PSB-3X96W-010-24VDC	PSB-4X96W-010-24VDC	
				
SPECIFICATIONS				
MAXIMUM LOAD	2X96W	3X96W	4X96W	
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	
DIMENSIONS	12.15" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"	
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	
IN-WALL MOUNTING	PSB-2X96W-010-24VDC-IW	N/A	N/A	
DIMMING & CONTROLS				
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•	
LUTRON DIVA: DVTW-WH, DVSTW-WH	•	•	•	
LUTRON NOVA T: NTSTV-DV-XX	•	•	•	
LUTRON GRAFIX EYE QS: QSGRJ-XP	•	•	•	
LUTRON RADIO RA2: RRD-10ND	•	•	•	
LEVITON: LEV40050	•	•	•	
LEVITON IP710-LFZ	•	•	•	
LEGRAND: ADPD4FBL3P2W4	•	•	•	



5.1 x 14.25 inch In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

Ordering Codes: PSB-25W-010-24VDC-IW, PSB-60W-010-24VDC-IW, PSB-96W-010-24VDC-IW



8.5 x 14 inch In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

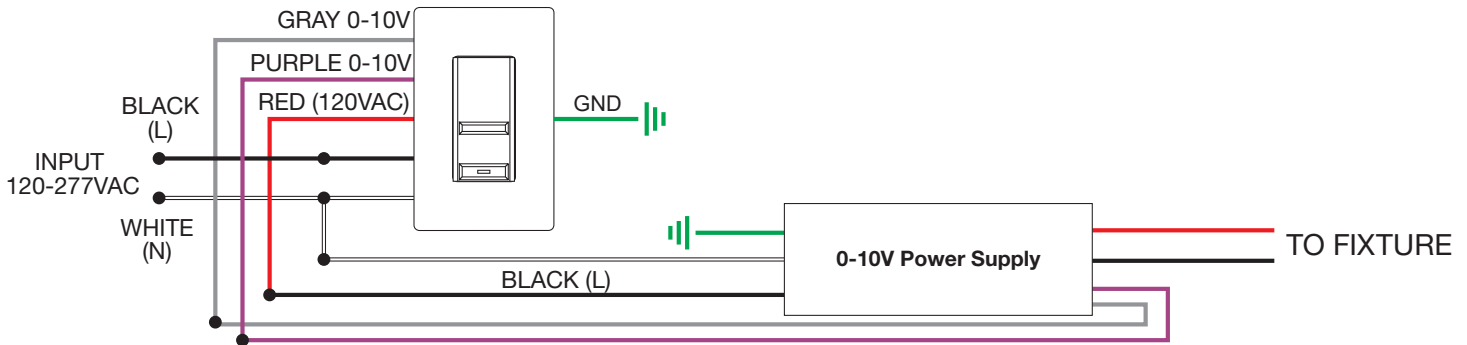
Ordering Codes: PSB-2X96W-010-24VDC-IW

SAMPLE WIRING DIAGRAMS 24VDC 010

Application: 0-10V Dimming Applications For Static White and Dynamic Tunable White 0-10V Dual Dimming.

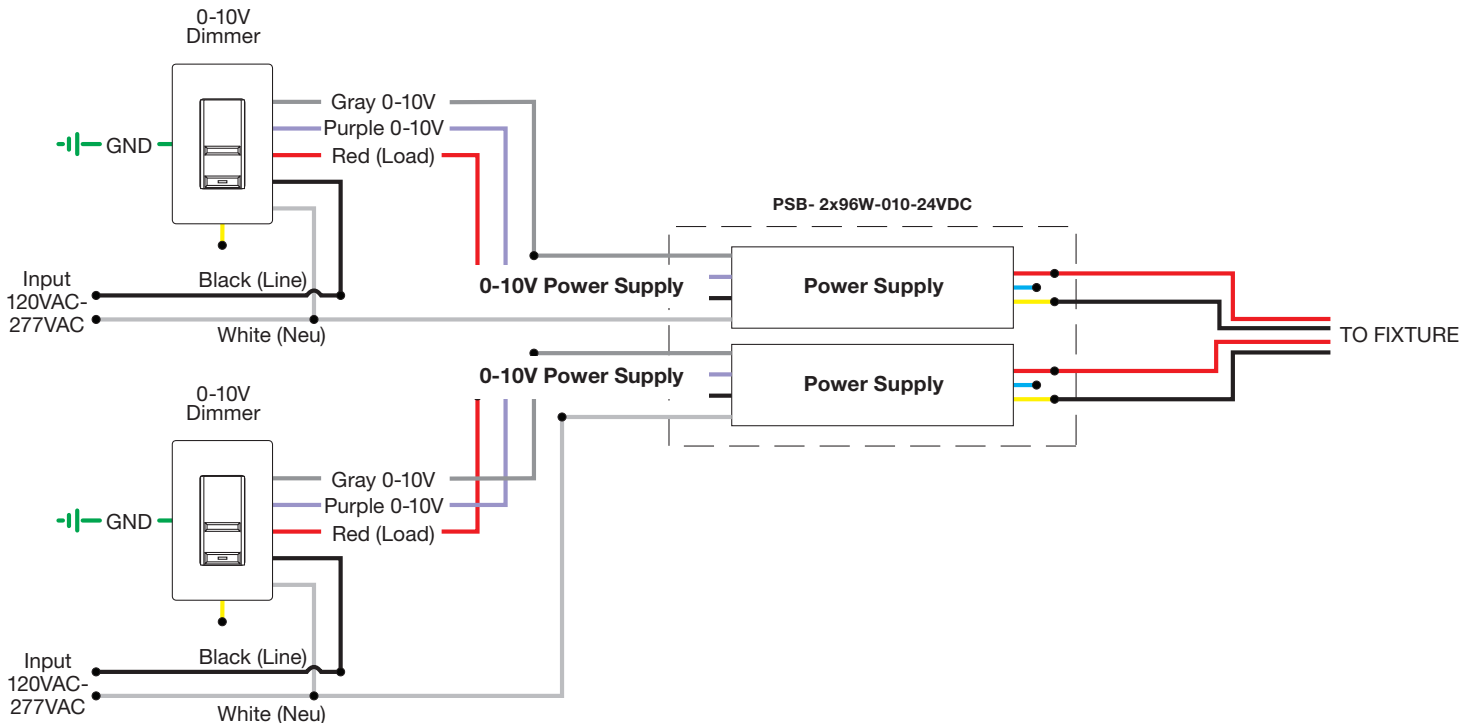
Dimming: Dimmable with 0-10V dimmers: Signify (Phillips) Sunrise: SR1200ZTUNV, Leviton Dimmers: LEV40050, IP710-LFZ, *IP710-DLZ *(Built in LED locator light) Legrand Dimmer: ADPD4FBL3P2W4 Lutron Systems: Lutron GRAFIX Eye QS Main Unit (with DRX-TVI) Radio Ra2 (with GRX-TVI)

0-10V DIMMER



Application: Dual 0-10V dimming for Dynamic/Tunable White 2000K-4000K

Dimming: Dimmable with Dual 0-10V dimmers: Signify (Phillips) Sunrise: SR1200ZTUNV, Leviton Dimmers: LEV40050, IP710-LFZ, *IP710-DLZ *(Built in LED locator light), Legrand Dimmer: ADPD4FBL3P2W4, Lutron Systems: Lutron GRAFIX Eye QS Main Unit (with DRX-TVI) Radio Ra2 (with GRX-TVI)











PROJECT	FIXTURE TYPE	DATE
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INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

24VDC, UNI - UNIVERSAL DIMMING WITH ELV, TRIAC, & 0-10V

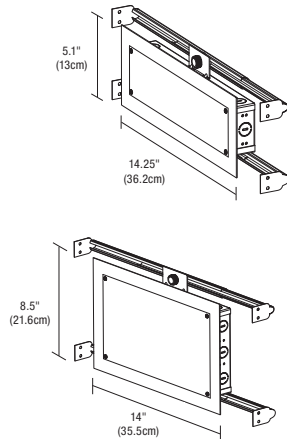
REV. 02.06.20

UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS				
ORDERING CODE	PSB-40W-UNI-24VDC	PSB-60W-UNI-24VDC	PSB-2X40W-UNI-24VDC	PSB-2X60W-UNI-24VDC
				
SPECIFICATIONS				
MAXIMUM LOAD	40W	60W	2X40W	2X60W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"	12.15" X 6.48" X 2.18"	12.15" X 6.48" X 2.18"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN-WALL MOUNTING	PSB-40W-UNI-24VDC-IW	PSB-60W-UNI-24VDC-IW	PSB-2X40W-UNI-24VDC-IW	PSB-2X60W-UNI-24VDC-IW
UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS				
ORDERING CODE	PSB-96W-UNI-24VDC	PSB-2X96W-UNI-24VDC	PSB-3X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
				
SPECIFICATIONS				
MAXIMUM LOAD	96W	2X96W	3X96W	4X96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.4" X 3.12" X 2.18"	12.15" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN-WALL MOUNTING	PSB-96W-UNI-24VDC-IW	PSB-2X96W-UNI-24VDC-IW	NA	NA
ELV DIMMING & CONTROLS				
LUTRON DIVA: DVELV-300P	•	•	•	•
LUTRON SKYLARK: SELV-300P	•	•	•	•
LUTRON RADIO RA2: RRD-6NA	•	•	•	•
LUTRON MAESTRO: MAELV-600	•	•	•	•
LEGRAND ADORNE: ADTP-703TUM4	•	•	•	•
0-10 DIMMING & CONTROLS				
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•	•
LUTRON DIVA: DDTV-WH, DVSTV-WH	•	•	•	•
LUTRON NOVA T: NTSTV-DV-XX	•	•	•	•
LUTRON GRAFIX EYE QS: QSGRJ-XP	•	•	•	•
LUTRON RADIO RA2: RRD-10ND	•	•	•	•
LEVITON: LEV40050	•	•	•	•
LEVITON IP710-LFZ	•	•	•	•
LEGRAND: ADPD4FBL3P2W4	•	•	•	•
TRIAC DIMMING & CONTROLS				
LUTRON SKYLARK: S2-L-WH	•	•	•	•
LUTRON DIVA DVLV-600P-WH	•	•	•	•
LUTRON DIVA DVLV-603P-WH	•	•	•	•
LUTRON MAESTRO MALV-600-WH	•	•	•	•
LUTRON MAESTRO MALV-1000-WH	•	•	•	•
LUTRON MAESTRO MA-R-XX	•	•	•	•

- Flicker free dimming
- Aluminum casing for optimal heat dissipation
- Isolated output power per NEC and UL safety requirements
- UL & ETL recognized/ listed, meets UL 8750, 1310 requirements
- Auto-reset: short circuit, overload and thermal protection
- Class 2 power supply
- Efficient, High power factor > 0.90
- The Solid State Constant Voltage Uni-Power Supply is compatible with most commercially available Dimmers:
 - Triac Dimmer : (Forward Phase) Typically used for the dimming of Incandescent and Low Voltage Magnetic Transformers
 - ELV Dimmer : (Reverse Phase) Dimming of Electronic Low Voltage Transformers and Power Supply's used for LED lighting
 - 0-10 Dimmer : Dims the Low Voltage side of a 0-10 volt power supply commonly used in large scale lighting or commercial applications.
- The Uni-Power Supply is recommended with any Siemens/Murray brand of arc fault breaker to overcome the issues with tripping the breakers with an ELV LED Low Voltage Drivers.

PROJECT		FIXTURE TYPE		DATE	
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IN WALL MOUNTING OPTIONS



In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

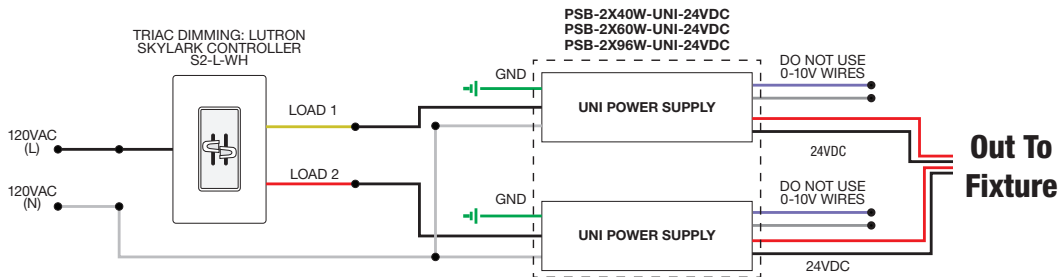
Ordering Codes 5.1 x 14.25 inch: PSB-40W-UNI-24VDC-IW
PSB-60W-UNI-24VDC-IW
PSB-96W-UNI-24VDC-IW

Ordering Codes 8.5 x 14.25 inch: PSB-2X40W-UNI-24VDC-IW
PSB-2X60W-UNI-24VDC-IW
PSB-2X96W-UNI-24VDC-IW

WIRING DIAGRAMS UNIVERSAL POWER SUPPLY

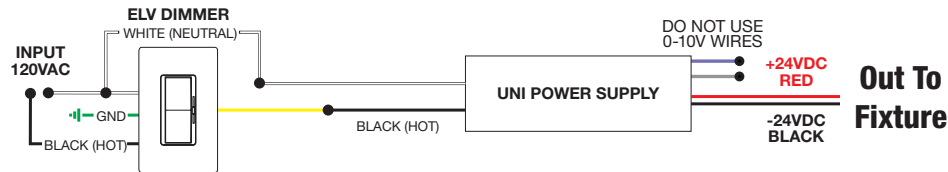
Application: Triac dimming for two power supplies, use for Static White, Dynamic/Tunable White 2000K-4000K

Dimming: Dimmable with Triac dimmer: Lutron: Skylark S2-L



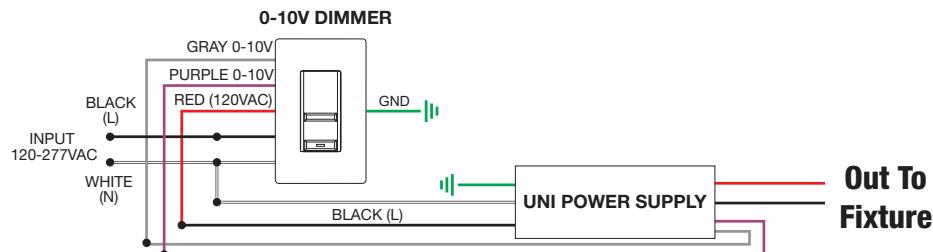
Application: ELV dimming for Static White and Warm Dim

Dimming: Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2



Application: 0-10V dimming for Static White

Dimming: Dimmable with 0-10V dimmer: Philips Sunrise: SR1200ZTUNV; Lutron Diva: DVTV-WH, DVSTV-WH; Lutron Nova T: NTSTV-DV-XX; Lutron Grafix EYE QS: QSGRJ-XP; Lutron Radio Ra2: RRD-10ND; Leviton: LEV40050; Leviton IP710-LFZ; Legrand: ADPD4FBL3P2W4



PROJECT	FIXTURE TYPE	DATE
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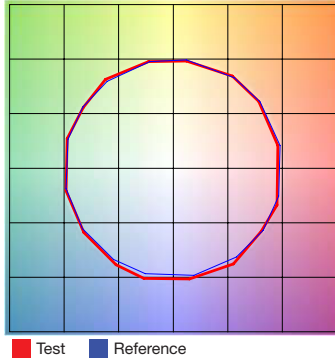
TM30-15 DATA

BARE PL5X SOFT STRIP

The data below is for PL5X bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

2700D | Rf: 89.5 | Rg: 100.8

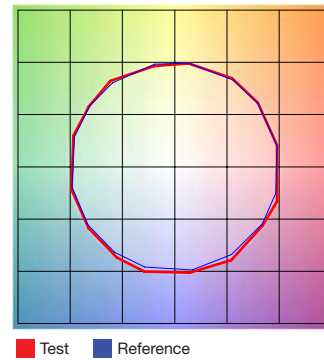
Color Vector Graphic



GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	95.4	-1.8%	0.3%
2	96.4	-0.7%	1.1%
3	94.3	0.4%	2.4%
4	95.5	-1.0%	-0.1%
5	95.5	0.2%	1.4%
6	95.5	2.3%	0.3%
7	94.4	-0.5%	0.2%
8	98.0	0.8%	-0.4%
9	96.3	0.2%	2.0%
10	93.4	0.9%	3.7%
11	91.9	2.8%	4.7%
12	90.9	4.5%	-0.5%
13	92.5	2.4%	-4.5%
14	90.5	3.6%	-5.8%
15	94.5	-0.8%	-1.8%
16	88.5	0.1%	-8.2%

3000D | Rf: 89.8 | Rg: 101.4

Color Vector Graphic



GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	96.8	-0.0%	0.2%
2	97.7	0.5%	0.1%
3	95.7	0.9%	1.2%
4	96.9	-0.4%	-0.2%
5	94.0	-1.6%	1.0%
6	95.3	2.5%	0.8%
7	93.7	0.3%	1.1%
8	97.4	1.3%	-0.5%
9	95.9	1.0%	2.2%
10	94.0	1.0%	3.1%
11	91.9	3.0%	4.7%
12	91.9	4.2%	0.5%
13	94.8	2.2%	-2.6%
14	92.6	4.2%	-3.2%
15	93.1	1.0%	-1.8%
16	89.8	2.7%	-7.1%

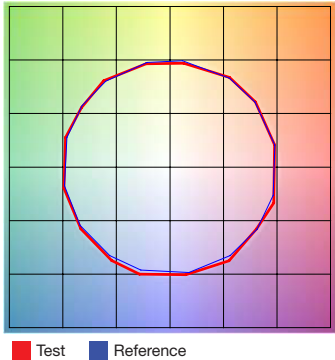
TM30-15 DATA

T24 TRACK HEADS

RADIANT LARGE FLOOD

3000K | Rf: 95 | Rg: 101.6

Color Vector Graphic

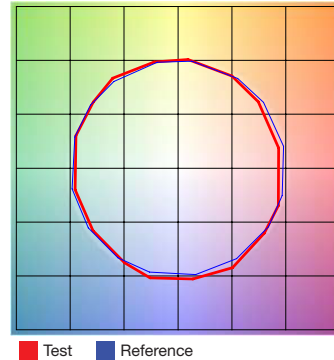


GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	96.8	-0.3%	0.3%
2	97.8	0.3%	-0.3%
3	96.5	0.4%	0.3%
4	95.3	-2.1%	-1.4%
5	95.9	-1.1%	1.1%
6	96.4	1.4%	1.3%
7	93.9	-0.5%	1.9%
8	97.3	1.3%	0.3%
9	95.9	1%	2.1%
10	94.0	1.3%	3.3%
11	92.7	2.9%	4.1%
12	92.4	3.8%	-0.4%
13	94.6	1.5%	-3.2%
14	93.0	3.3%	-3.6%
15	94.6	-0.6%	-0.1%
16	90.1	1.9%	-6.9%

RADIANT MEDIUM FLOOD

3000K | Rf: 89.5 | Rg: 100.8

Color Vector Graphic

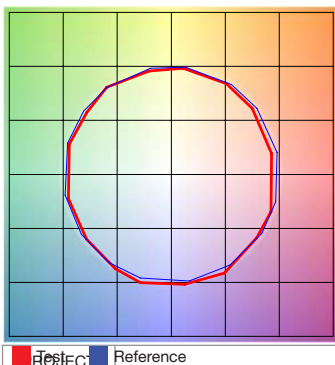


GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	90.0	-4.9%	-0.7%
2	90.7	-3.6%	3.1%
3	87.2	-1.1%	5.9%
4	92.7	1.0%	3.8%
5	93.8	0.9%	2.7%
6	94.2	3.0%	-0.7%
7	92.7	-0.5%	-3.6%
8	96.6	-0.8%	-1.5%
9	94.4	-2.5%	1.4%
10	89.7	-2.3%	4.6%
11	87.3	0.5%	7.6%
12	89.9	5.2%	1.5%
13	92.0	3.6%	-3.4%
14	87.6	4.7%	-7.7%
15	88.2	-0.0%	-6.9%
16	85.8	-1.8%	-10.0%

TUBO LARGE FLOOD

3000K | Rf: 91.0 | Rg: 98.0

Color Vector Graphic

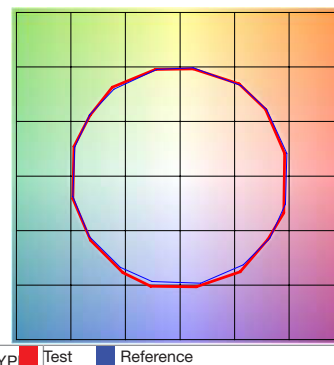


GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	89.2	-5.2%	0.1%
2	91.3	-3.6%	2.4%
3	90.2	-1.8%	4.1%
4	94.7	-1.3%	1.8%
5	93.8	-2.3%	1.8%
6	96.8	0.4%	0.0%
7	93.1	-3.2%	-1.0%
8	96.6	-1.5%	0.7%
9	92.7	-2.4%	3.7%
10	87.4	-1.5%	6.3%
11	87.8	1.5%	8.1%
12	89.9	4.4%	1.0%
13	91.7	2.3%	-4.8%
14	87.4	3.3%	-8.5%
15	88.1	-1.5%	-6.3%
16	85.4	-2.6%	-9.8%

TUBO SMALL FLOOD

3000K | Rf: 95.0 | Rg: 102.2

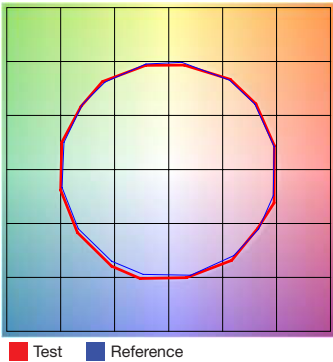
Color Vector Graphic



GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	96.6	-1.1%	-0.7%
2	97.9	-0.6%	0.4%
3	95.3	0.1%	2.0%
4	96.5	0.3%	1.4%
5	94.8	0.0%	2.0%
6	94.6	3.0%	0.9%
7	96.3	1.1%	-0.9%
8	96.6	1.5%	-1.3%
9	97.3	0.1%	0.4%
10	95.8	-0.5%	1.8%
11	92.5	1.0%	4.4%
12	92.5	4.1%	0.5%
13	94.9	2.5%	-2.0%
14	92.5	4.0%	-3.5%
15	94.0	1.2%	-3.0%
16	90.1	1.7%	-7.1%

TM30-15 DATA
T24 TRACK HEADS

DELTA SMALL FLOOD
3000K | Rf: 94.3 | Rg: 102.3
Color Vector Graphic



GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	96.1	0.3%	0.7%
2	96.8	1.1%	-0.4%
3	95.1	1.1%	-0.3%
4	94.0	-2.1%	-2.4%
5	95.8	-1.3%	0.5%
6	95.5	1.8%	1.5%
7	94.3	0.1%	2.1%
8	98.0	2.0%	0.3%
9	96.2	1.9%	2.1%
10	94.0	2.6%	2.7%
11	93.2	3.9%	2.5%
12	91.4	4.2%	-2.1%
13	93.4	1.4%	-4.4%
14	92.9	2.8%	-3.9%
15	93.8	-1.0%	0.3%
16	90.5	1.9%	-6.4%