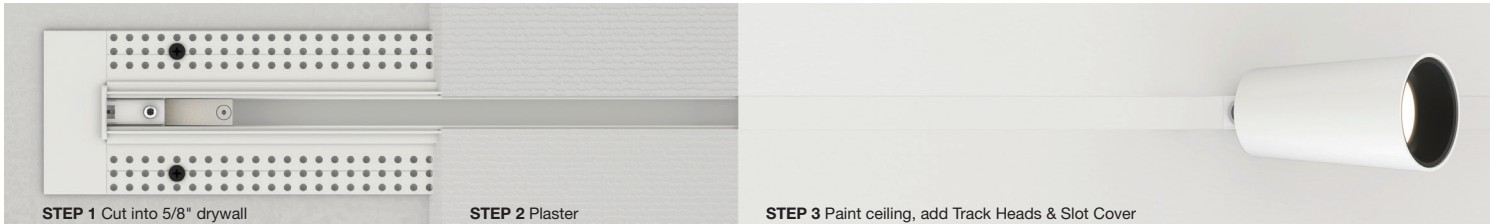


# TRUTRACK® MAGNETIC

## 24VDC REMOTE POWER, RECESSED TWO-CIRCUIT TRACK SYSTEM

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

REV 07.03.24



### DESCRIPTION

This innovative, two-circuit TruTrack® system features magnetic track head connectors. TruTrack® is a plaster-in recessed 24VDC two circuit track system allowing for two groups of fixtures to switch and dim independently. Only as thick as the 5/8" drywall, the TruTrack® patented design is precision engineered to blend seamlessly within drywall surfaces, eliminating the need for joist modification, and provides more flexibility to make turns along the ceiling. For a clean architectural aesthetic, a paintable slot cover is supplied with TruTrack® leaving only the track head visible once installed.

### FEATURES

- Two-circuit system, with two power supplies up to 200 watts (400 watts total), allow for independent switching and dimming
- Magnetic Track Heads easily attach to the track and adjust, tilt, and rotate using a single hand with easy installation while on a ladder.
- Designed for use with 24VDC Universal Remote Power Supplies up to 40' away
- Magnetic Track Heads are available in five color temperatures including Warm Dim (30D)
- Track Head Lumen Output up to 1256 Lumens with multiple fixed and adjustable beam spread options
- Designer-grade Color Rendering 95CRI
- Power Feeds offered in End, Center, L, T and X shapes, up to two 96 Watt power supplies before re-feeding, and four 96 watt power supplies with center feed.
- Recessed TruTrack® Channel is available in 2', 4', 6' and 8' lengths, with the ability to be cut in the field
- Opaque Plastic Slot Cover is included with TruTrack® Channel to hide Recessed Track Slot and may be painted to match the ceiling

### FINISH & MATERIAL

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

### POWER SUPPLY AND DIMMING (SOLD SEPARATELY)

24VDC, Remote Power

- [Uni Trim Power Supply](#) Universal Dimming (TRIAC, ELV, 0-10V)
- ELV & TRIAC [Smart Dimmer & Switch](#)

### APPLICATIONS

Indoor use only. Ideal applications in residential, commercial, retail and hospitality environments.

### WARRANTY / LABELS

5 year pro-rated warranty. Assembled in America  
ETL (Conforms to UL 1598 and CSA 22.2 #250.0), Class 2 Under 100 Watts, 200 Watts UL2108



Magnetic Track Heads Easily Click Into Place

### TruTrack® 5/8" Drywall Recessed Lighting:

An original, ground-breaking design from PureEdge Lighting – backed by over 30 years of precision manufacturing.

PROJECT	FIXTURE TYPE	DATE
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# TRUTRACK® MAGNETIC 24VDC REMOTE POWER, RECESSED TWO-CIRCUIT TRACK SYSTEM



**EASY KIT** Straight with power, order fixture and power supplies separately

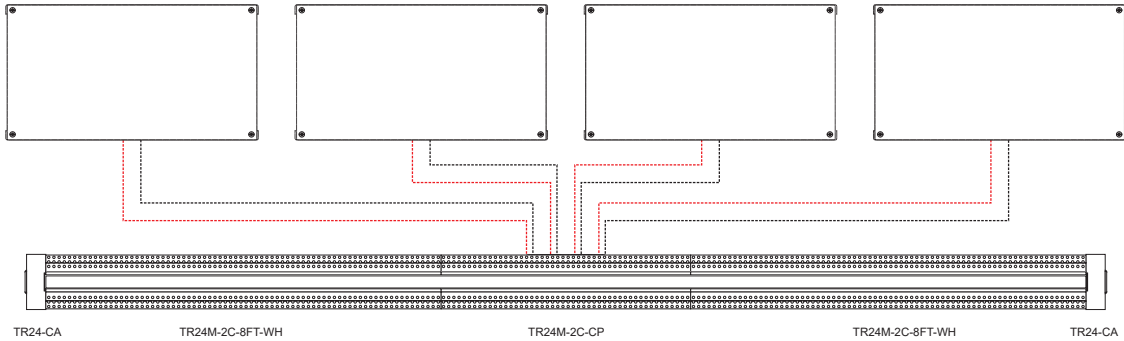
Kit includes end feed, track, track cover and end caps.



24VDC REMOTE POWER SUPPLIES  
 ORDER SEPARATELY  
 UP TO TWO 200 WATTS EACH  
 (CLASS 1)  
 UP TO TWO 96 WATTS EACH  
 (CLASS 2)

System	Circuit	Power Feed	Length in Feet	Cover Color
<b>TR24M</b>	<b>2C</b>	<b>EP</b>	<b>30FT</b>	<b>WH</b>
TR24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	EP End Power Feed	4-30FT 4-30' (2' increments)	BK Black WH White CW Cool White

24VDC REMOTE POWER SUPPLIES  
 ORDER SEPARATELY  
 UP TO FOUR 200 WATTS EACH (CLASS 1)  
 UP TO TWO 96 WATTS EACH, CLASS 2

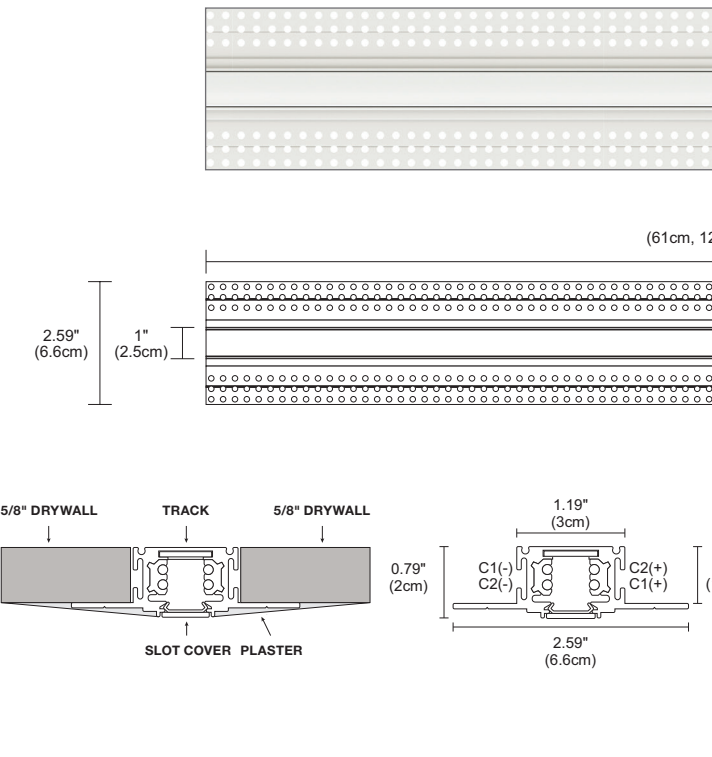


System	Circuit	Power Feed	Length in Feet	Cover Color
<b>TR24M</b>	<b>2C</b>	<b>CP</b>	<b>60FT</b>	<b>WH</b>
TR24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	CP Center Power Feed	4-60FT 4-60' (4' increments)	BK Black WH White CW Cool White

PROJECT		FIXTURE TYPE		DATE	
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TRUTRACK® MAGNETIC DIY  
24VDC REMOTE POWER, RECESSED TWO-CIRCUIT TRACK SYSTEM

COMPONENTS



**TWO CIRCUIT RECESSED 24VDC TRACK**

2', 4', 6', 8'  
(61cm, 121.9cm, 182.9cm, 243.8cm)

2.59" (6.6cm)  
1" (2.5cm)

5/8" DRYWALL TRACK 5/8" DRYWALL

SLOT COVER PLASTER

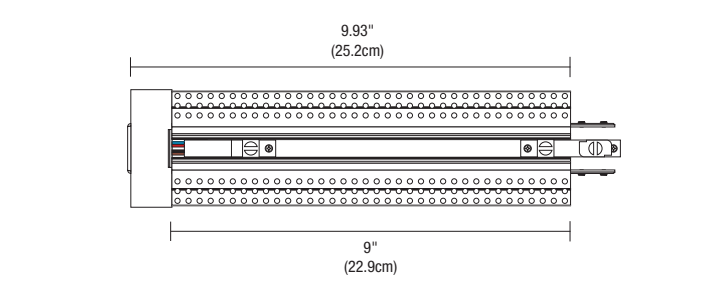
1.19" (3cm)  
0.79" (2cm)  
0.63" (1.6cm)  
2.59" (6.6cm)

**TWO CIRCUIT TRACK COMPONENTS**  
Extruded Aluminum Channel with 10 gauge buss bar to help eliminate voltage drop. For use with 24VDC Remote Power Supply, sold separately. Includes paintable, opaque slot covers to conceal conductive connectors and track slots blending seamlessly into the ceiling.

System	Circuit	Length in Feet	Cover Color
<b>TR24M</b>	<b>2C</b>	<b>8FT</b>	<b>WH</b>
TR24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	2FT 2' 4FT 4' 6FT 6' 8FT 8'	WH White Cover BK Black Cover CW Cool White Cover

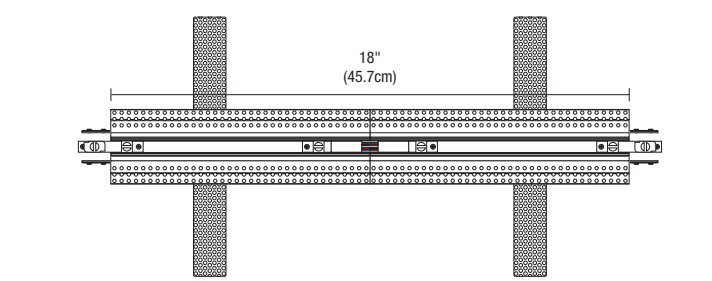
**ADDITIONAL OPAQUE SLOT COVER**  
Additional two paintable 1/2" Opaque Slot Covers are included with each Recessed Track.

System	Type	Length in Feet	Cover Color
<b>T24</b>	<b>SCO</b>	<b>8FT</b>	<b>WH</b>
T24 TruTrack 24VDC	SCO Opaque Cover for Track Slot	8FT 8'	WH White Cover BK Black Cover CW Cool White Cover



**END POWER FEED WITH JUNCTION BOX FOR 5/8" - 1-1/4" DRYWALL**  
End Power Feed with junction box powers the track with up to two 96 watt power supplies. May be used on cement ceiling with only 5/8" dry wall (junction box not used). 9" starter section and one T24M-2C-P power feed connector included.

System	Circuit	Type	Cover Color
<b>TR24M</b>	<b>2C</b>	<b>EP</b>	<b>WH</b>
TR24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	EP End Power Feed	WH White Cover BK Black Cover CW Cool White Cover



**CENTER POWER FEED WITH JUNCTION BOX FOR 5/8" - 1-1/4" DRYWALL**  
Center Power Feed joins two sections of track in both directions, up to four 96 watt power supplies. 18" starter section and two T24M-2C-P power feed connectors included.

System	Circuit	Type	Cover Color
<b>TR24M</b>	<b>2C</b>	<b>CP</b>	<b>WH</b>
TR24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	CP Center Dual Power Feed	WH White Cover BK Black Cover CW Cool White Cover

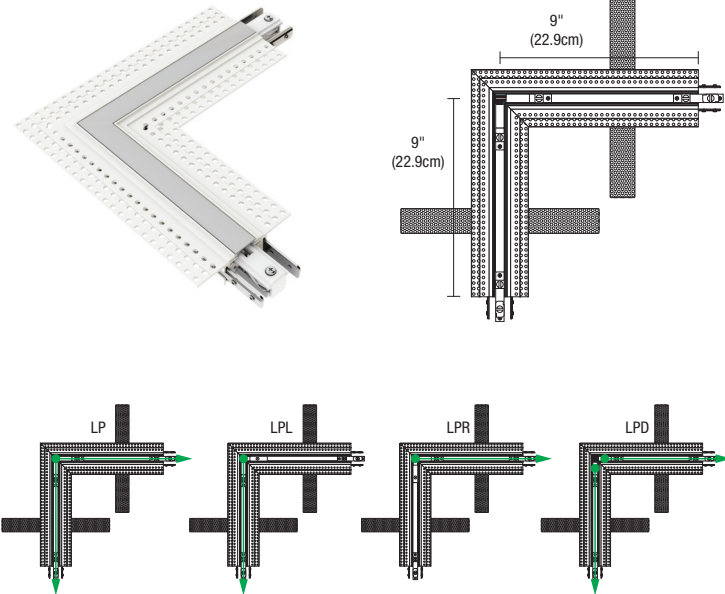
PROJECT		FIXTURE TYPE		DATE	
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COMPONENTS

**L-SHAPED POWER FEED FOR 5/8" DRYWALL WITH JUNCTION BOX & POWER CONNECTORS**

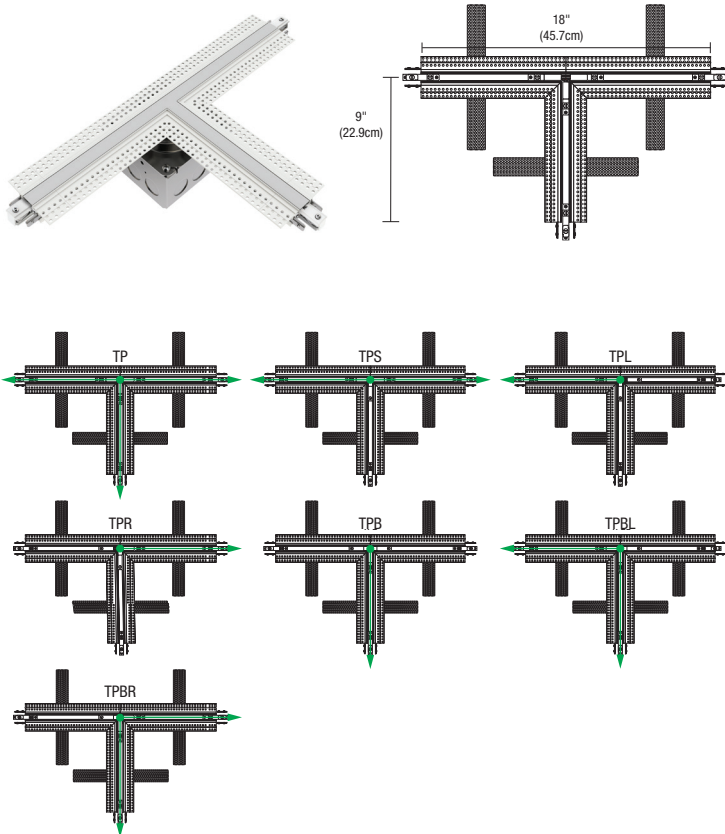
L-Shaped Power Feed joins two sections of track at 90°. To power two channels with dual power supplies in both directions use **"LP"**. Use ordering code **"LPL"** for feeding the power to the left channel only, use **"LPR"** for right channel only. Use **"LPD"** to power two circuits in both directions using up to four power supplies. 9" starter section and two T24M-2C-P power feed connectors included. Up to 800 watts (4x200W).



System	Circuit	Type	Cover Color
<b>TR24M</b>	<b>2C</b>	<b>LPD</b>	<b>WH</b>
<b>TR24M</b> TruTrack Magnetic Recessed 24VDC	<b>2C</b> Two Circuit	<b>LP</b> L-Shaped Power Feed, both Directions, up to 2 power supplies, 200 watts each <b>LPL</b> L-Shaped Power Feed, Left Power Only, 2x 200 Watts <b>LPR</b> L shaped Power Feed, Right Power Only, 2x 200 Watts <b>LPD</b> L-Shaped Dual Power Feed, up to 4x 200 Watts	<b>WH</b> White Cover <b>BK</b> Black Cover <b>CW</b> Cool White Cover

**T-SHAPED POWER FEED WITH JUNCTION BOX FOR 5/8"- 1-1/4" DRYWALL & POWER CONNECTORS**

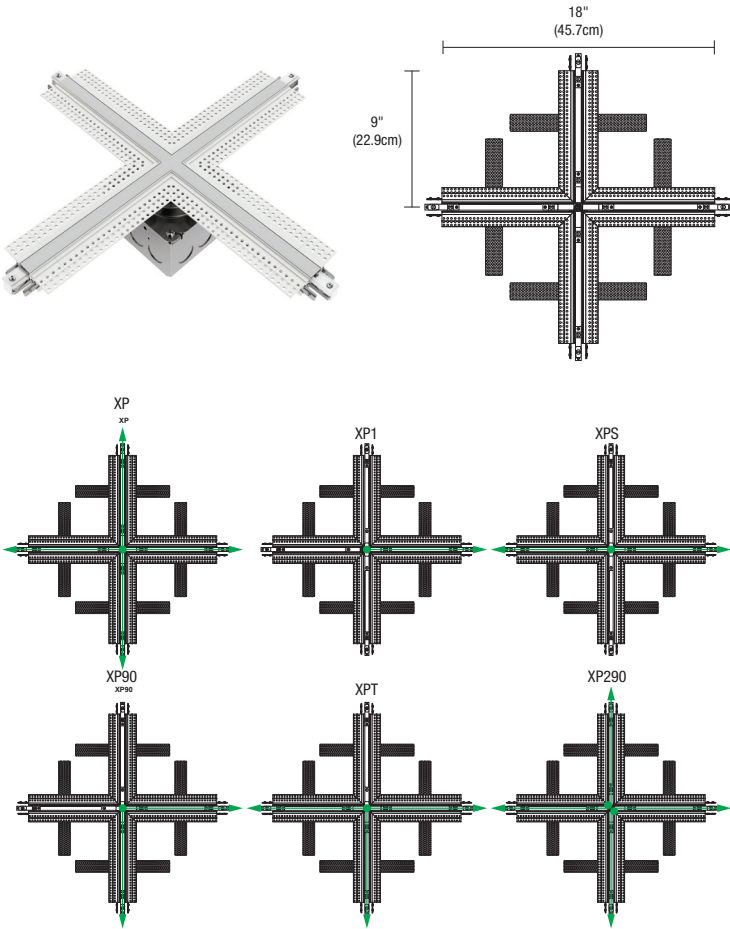
T-Shaped Power Feed joins three sections track 90° apart. For powering three channels use **"TP"** which mounts to a 4" junction box for feeding the power to three section, for (Left to right), use **"TPS"** power two sections. For base to left use **"TPBL"**, for base to right **"TPBR"**, for base only **"TPB"**, left only **"TPL"** or right only **"TPR"**. Includes 9" starter sections and three T24M-2C-P power feed connectors. Up to 1400 watts (8x175W).



System	Circuit	Type	Cover Color
<b>TR24M</b>	<b>2C</b>	<b>TP</b>	<b>WH</b>
<b>TR24M</b> TruTrack Magnetic Recessed 24VDC	<b>2C</b> Two Circuit	<b>TP</b> T-Shaped Power Connector, Conductive on 3 Sections up to 1400 watts (8x175W) power supplies. 9" long track sections. <b>TPS</b> T-Shaped Connector, Conductive through Left & Right Sections <b>TPL</b> T-Shaped Power Connector, Conductive on Left Sections <b>TPR</b> T-Shaped Power Connector, Conductive on Right Sections <b>TPB</b> T-Shaped Power Connector, Conductive on Base Only <b>TPBL</b> T-Shaped Power Connector, Conductive on Base & Left Sections <b>TPBR</b> T-Shaped Power Connector, Conductive on Base & Right Sections	<b>WH</b> White Cover <b>BK</b> Black Cover <b>CW</b> Cool White Cover

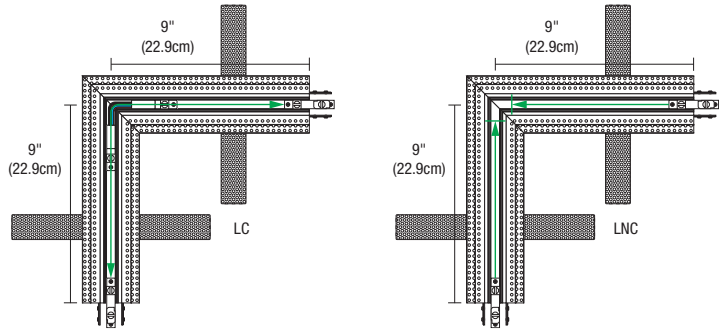
PROJECT		FIXTURE TYPE		DATE	
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COMPONENTS



**X-SHAPED POWER FEED WITH JUNCTION BOX FOR 5/8"- 1-1/4" DRYWALL & POWER CONNECTORS**  
 X-Shaped Power Feed joins four sections of track 90° apart. For powering all four channels use "XP" which mounts to a 4" junction box. For feeding the power to one section use "XP1", for straight through two sections "XPS", for two sections with 90° turn "XP90", for a T-Shaped section use "XPT", "XP290" powers four sections with two 90° turns. Mounts to 4" junction box. Includes 9" starter sections and four T24M-2C-P power feed connectors. Up to 800 watts (4x200W).

System	Circuit	Type	Cover Color
<b>TR24M</b>	<b>2C</b>	<b>XP290</b>	<b>WH</b>
<b>TR24M</b> TruTrack Magnetic Recessed 24VDC	<b>2C</b> Two Circuit	<b>XP</b> X-Shaped Power Feed Quad Feed up to 8 200 watt power supplies <b>XP1</b> X-Shaped Power Connector, Conductive on 1 Section <b>XPS</b> X-Shaped Power Connector, Conductive Straight through 2 Sections <b>XP90</b> X-Shaped Power Connector, Conductive on 2 Sections, 90° Turn <b>XPT</b> X-Shaped Power Connector, Conductive on 3 Sections <b>XP290</b> X-Shaped Connector, Conductive on 4 Sections, (2) 90° Turns	<b>WH</b> White Cover <b>BK</b> Black Cover <b>CW</b> Cool White Cover

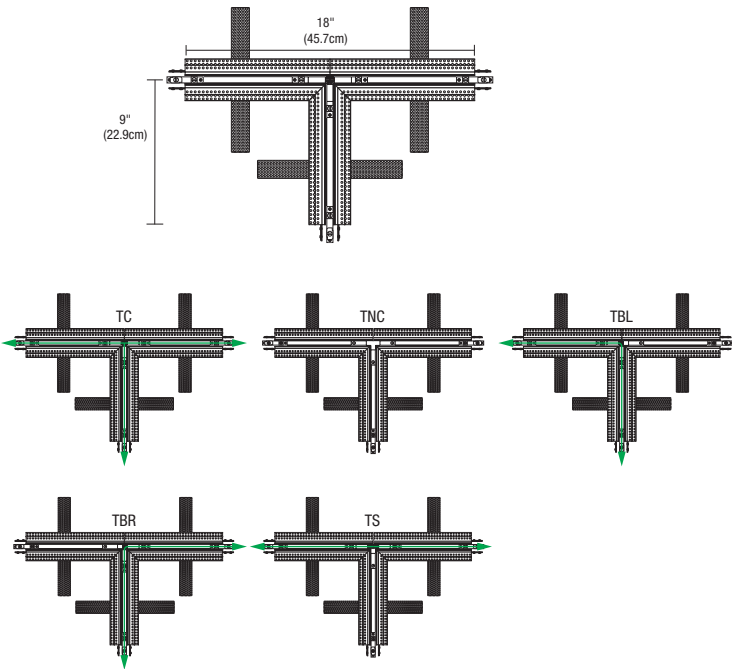


**L-SHAPED CONNECTOR**  
 L-Shaped Connector joins two sections of track 90° apart, conducting the power "LC" or isolating the power "LNC". Order Non-Conductive when adding two Power Supplies in a square configuration.

System	Circuit	Type	Color
<b>TR24M</b>	<b>2C</b>	<b>LC</b>	<b>WH</b>
<b>TR24M</b> TruTrack Magnetic Recessed 24VDC	<b>2C</b> Two Circuit	<b>LC</b> L-Connector Conductive <b>LNC</b> L-Connector Non-Conductive	<b>WH</b> White <b>BK</b> Black <b>CW</b> Cool White

PROJECT		FIXTURE TYPE		DATE	
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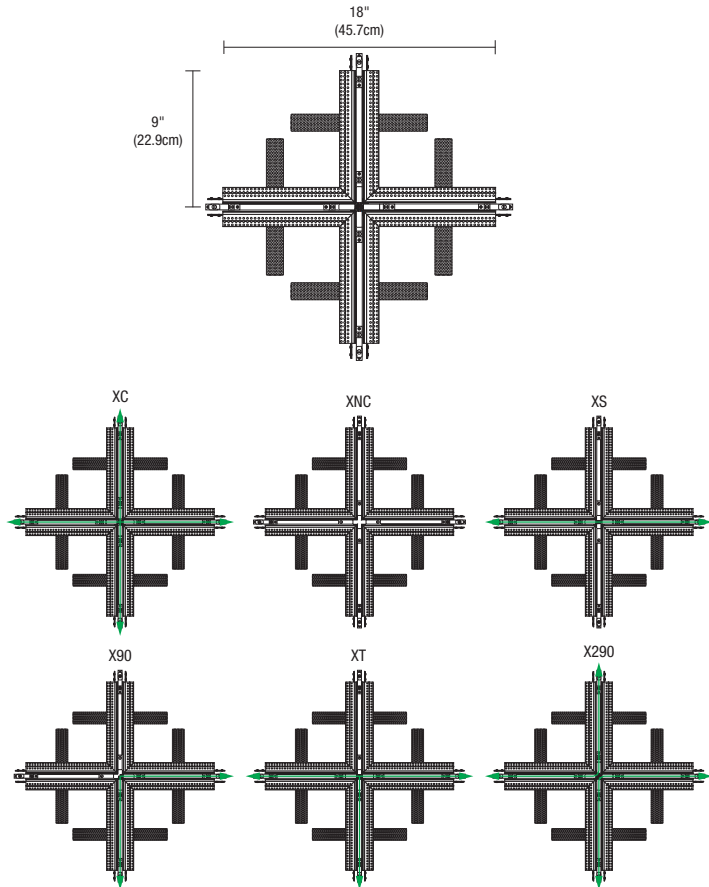
COMPONENTS



T-SHAPED CONNECTOR

T-Shaped Connector joins three sections of track 90° apart. It isolates the power of each section "TNC"; or electrically conducts the power to section(s): all sections "TC", base to left section "TBL", base to right section "TBR" or straight from left to right section "TS".

System	Circuit	Type	Color
TR24M	2C	TC	WH
TR24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	TC T-Shaped Conductive Connector TNC T-Shaped Non-Conductive Connector TBL T-Shaped Connector, Conductive on Base & Left Sections TBR T-Shaped Connector, Conductive on Base & Right Sections TS T-Shaped Connector, Conductive Straight through Left & Right Sections	WH White BK Black CW Cool White



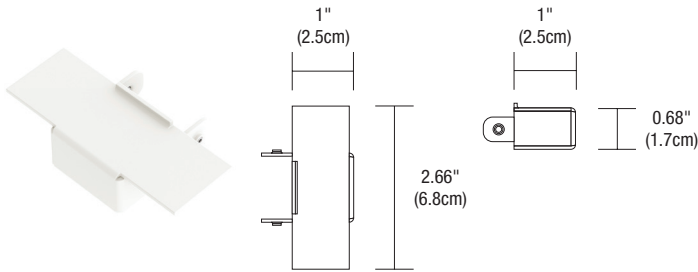
X-SHAPED CONNECTOR

X-Shaped Connector joins four sections of track 90° apart. It isolates the power of each section "XNC" or electrically conducts the power to section(s): all sections "XC", straight through two sections "XS", two sections with 90° turn "X90", four sections with two 90° turns "X290" or in a T-Shaped section "XT".

System	Circuit	Type	Color
TR24M	2C	XC	WH
TR24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	XC X- Shaped Conductive Connector XNC X-Shaped Non-Conductive Connector XS X-Shaped Connector, Conductive Straight through 2 Sections X90 X-Shaped Connector, Conductive on 2 Sections, 90° Turn XT X-Shaped Connector, Conductive on 3 Sections X290 X-Shaped Connector, Conductive on 4 Sections, (2) 90° Turns	WH White BK Black CW Cool White

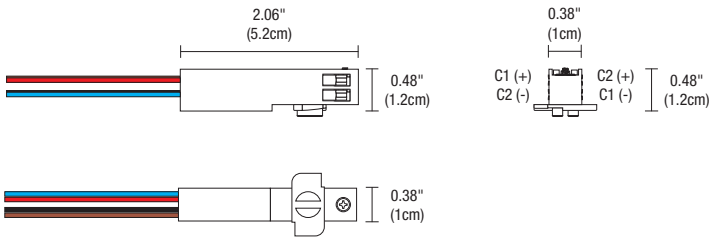
PROJECT		FIXTURE TYPE		DATE	
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TRUTRACK® MAGNETIC DIY  
24VDC REMOTE POWER, RECESSED TWO-CIRCUIT TRACK SYSTEM



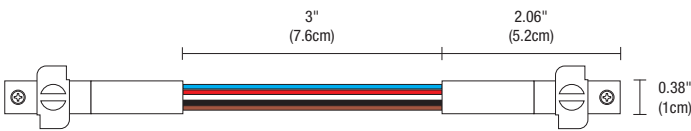
**END CAP**  
Plaster over and paintable End Cap, needs to be ordered with each dead end of TR24M Track System.

System	Type	Color
<b>TR24</b>	<b>CA</b>	<b>WH</b>
TR24 TruTrack® Recessed	CA End Cap	WH White



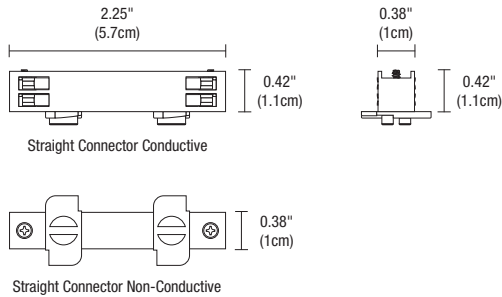
**POWER FEED CONNECTOR**  
Included with each end of TR24M Track System.

System	Circuit	Type
<b>T24M</b>	<b>2C</b>	<b>P</b>
T24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	P Power Feed and Track Connector



**POWER JUMPER**  
Included with each conductive connectors for connecting two sections of track.

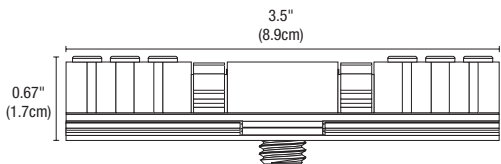
System	Circuit	Connector
<b>T24M</b>	<b>2C</b>	<b>JC</b>
T24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	JC Jumper Connector



**STRAIGHT CONNECTOR**  
Miniature Straight Connector joins two track sections end to end and is concealed by the slot covers. Included with each section of track.

System	Circuit	Type
<b>T24M</b>	<b>2C</b>	<b>SC</b>
T24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	SC Straight Connector Conductive SNC Straight Connector Non-Conductive

INCLUDED WITH TRACK HEADS





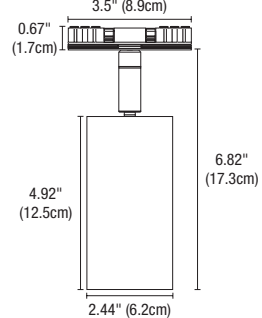
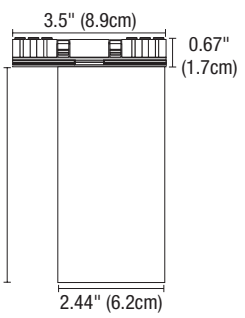
System	Circuit	Connector	Finish
<b>T24M</b>	<b>2C</b>	<b>FJR</b>	<b>BK</b>
T24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	FJR Fast Jack Connector	WH White BK Black CW Cool White

PROJECT		FIXTURE TYPE		DATE	
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# T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

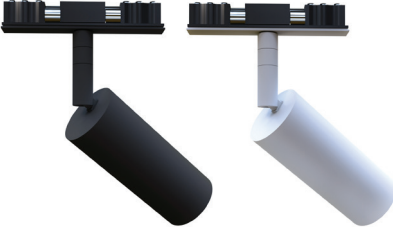
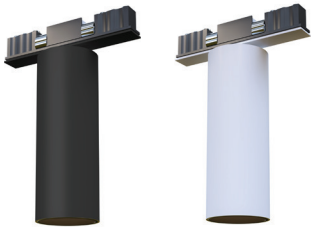
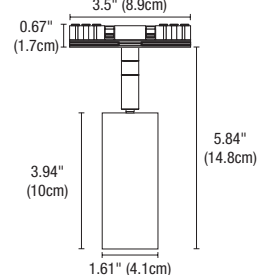
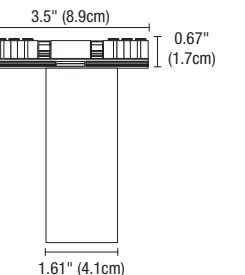
## 24VDC WITH INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

PureEdge T24M Track Heads are Compatible with TruTrack® Magnetic (TR24M-2C). All uniform beam spread options are field changeable.  
See accessories page for more information.

TUBO LARGE		TUBO LARGE DOWNLIGHT	
14 WATTS			
			
 <p>3.5" (8.9cm) 0.67" (1.7cm) 4.92" (12.5cm) 2.44" (6.2cm) 6.82" (17.3cm)</p>		 <p>3.5" (8.9cm) 0.67" (1.7cm) 4.92" (12.5cm) 2.44" (6.2cm)</p>	
Drawing for dimensional purposes only, do not force head into vertical position, specify Tubo Downlight instead.			

System	Type	Fixture	Beam Spread	Color Temperature	Finish
<b>T24M</b>	<b>2C</b>	<b>TUBL</b>	<b>FL</b>	<b>30K</b>	<b>WH</b>
T24M Track Head 24V Magnetic Connector	2C 2 Circuit	TUBL Tubo Large TUBLD Tubo Large Downlight	NS Narrow Spot 10° SP Spot 20° NF Narrow Flood 35° FL Flood 45° WF Wide Flood 60° For 7° use STB16 snoot with NS	24K 2400K Very Warm White 27K 2700K Incandescent White 30K 3000K Warm White 30D 3000D Warm Dim 35K 3500K Neutral White 30D NS: 7.5W 400 lumens	BK Black Powder Coat WH Warm White Powder Coat RAL 9010 CW Cool White Powder Coat RAL 9016

	BEAM ANGLE REFERENCE 45°				
COLOR TEMPERATURE	24K	27K	30K	30D	35K
TOTAL LUMENS	1238	1035	1069	683	1268
WATTS	14	14	14	14	14
LUMENS PER WATT (lm/w)	88	74	76	49	91
CRI	97	92	91	97	98
TM-30 DATA	R9: 60 Rf: 93 Rg: 98	R9: 97 Rf: 92 Rg: 100	R9: 64 Rf: 91 Rg: 98	R9: 90 Rf: 95 Rg: 102	R9: 92 Rf: 94 Rg: 101

TUBO SMALL		TUBO SMALL DOWNLIGHT	
9 WATTS (WARM DIM: 8 WATTS)			
			
 <p>3.5" (8.9cm) 0.67" (1.7cm) 3.94" (10cm) 1.61" (4.1cm) 5.84" (14.8cm)</p>		 <p>3.5" (8.9cm) 0.67" (1.7cm) 3.94" (10cm) 1.61" (4.1cm)</p>	
Drawing for dimensional purposes only, do not force head into vertical position, specify Tubo Downlight instead.			

System	Type	Fixture	Beam Spread	Color Temperature	Finish
<b>T24M</b>	<b>2C</b>	<b>TUBS</b>	<b>FL</b>	<b>30K</b>	<b>WH</b>
T24M Track Head 24V Magnetic Connector	2C 2 Circuit	TUBS Tubo Small TUBSD Tubo Small Downlight	NS Narrow Spot 15° SP Spot 25° NF Narrow Flood 35° FL Flood 45° WF Wide Flood 60° For 7° use TUBS-ST snoot with NS	24K 2400K Very Warm White 27K 2700K Incandescent White 30K 3000K Warm White 30D 3000D Warm Dim 35K 3500K Neutral White	BK Black Powder Coat WH White Powder Coat

	BEAM ANGLE REFERENCE 45°				
COLOR TEMPERATURE	24K	27K	30K	30D	35K
TOTAL LUMENS	503	420	434	287	515
WATTS	9	9	9	8	9
LUMENS PER WATT (lm/w)	59	49	51	39	61
CRI	97	92	93	94	98
TM-30 DATA	R9: 60 Rf: 93 Rg: 98	R9: 97 Rf: 92 Rg: 100	R9: 64 Rf: 91 Rg: 98	R9: 90 Rf: 95 Rg: 102	R9: 92 Rf: 94 Rg: 101

All track heads with the exception of Tubo Wall Wash and Zoom are JA8 listed with universal power supplies in 27K+ CCT. Click the link to access our full Title 24 compliance listings: [pureedgelighting.com/resources](https://pureedgelighting.com/resources)

PROJECT	FIXTURE TYPE	DATE
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# T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

## 24VDC WITH INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

### TUBO LARGE WALL WASH

15 WATTS

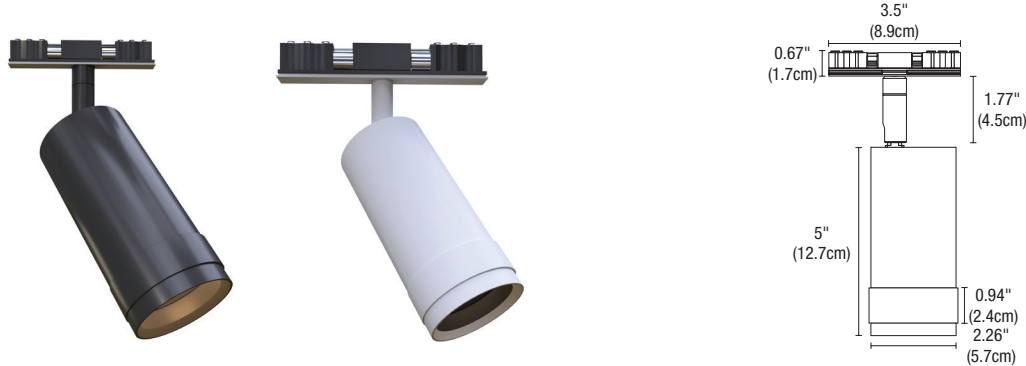


System	Type	Fixture	Beam Spread	Color Temperature	Finish
<b>T24M</b>	<b>2C</b>	<b>TUBL</b>	<b>WW</b>	<b>30K</b>	<b>BK</b>
T24M Track Head 24V Magnetic Connector	2C 2 Circuit	TUBL Tubo Large	WW Wall Wash	24K 2400K Very Warm White 27K 2700K Incandescent White 30K 3000K Warm White 30D 3000K Warm Dim to 1800K 35K 3500K Neutral White	BK Black Powder Coat WH Warm White Powder Coat RAL 9010 CW Cool White Powder Coat RAL 9016

TUBO WALL WASH	
COLOR TEMPERATURE	30K
TOTAL LUMENS	884
WATTS	15
LUMENS PER WATT (lm/w)	59
CRI	92
TM-30 DATA	R9: 61.2 Rf: 92 Rg: 100

### ZOOM

16 WATTS



System	Type	Fixture	Beam Spread	Color Temperature	Finish
<b>T24M</b>	<b>2C</b>	<b>ZOOM</b>	<b>Z2</b>	<b>30K</b>	<b>BK</b>
T24M Track Head 24V Magnetic Connector	2C 2 Circuit	ZOOM Zoom	Z1 Zoom Adjust 15° to 55° Z2 Zoom Adjust 20° to 50°	24K 2400K Very Warm White 27K 2700K Incandescent White 30K 3000K Warm White 30D 3000K Warm Dim to 1800K* 35K 3500K Neutral White *Only available for Z2	BK Black Powder Coat WH Warm White Powder Coat RAL 9010 CW Cool White Powder Coat RAL 9016

	Z1		Z2		Z2	
BEAM ANGLE	15°	55°	20°	50°	20°	50°
COLOR TEMPERATURE	30K	30K	30K	30K	30D	30D
TOTAL LUMENS	686	873	795	1188	727	879
WATTS	16	16	16	16	15	15
LUMENS PER WATT (lm/w)	46	61	69	89	50	61
CRI	93	93	94	94	97	97
TM-30 DATA	R9: 66 Rf: 92 Rg: 101	R9: 66 Rf: 92 Rg: 101	R9: 74 Rf: 92 Rg: 102	R9: 74 Rf: 92 Rg: 102	R9: 66 Rf: 94 Rg: 101	R9: 66 Rf: 94 Rg: 101

PROJECT		FIXTURE TYPE		DATE	
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# T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

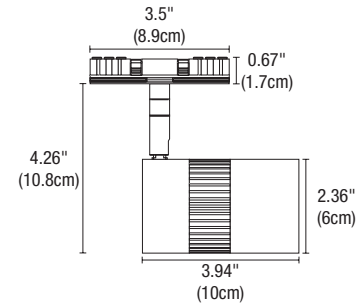
## 24VDC WITH INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

REV 07.03.24

All uniform beam spread options are field changeable.

### RADIANT LARGE

14 WATTS

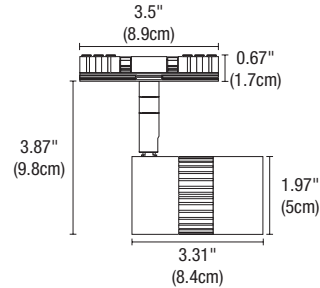


System	Type	Fixture	Beam Spread	Color Temperature	Finish
<b>T24M</b>	<b>2C</b>	<b>RADL</b>	<b>FL</b>	<b>30K</b>	<b>WH</b>
T24M Track Head 24V Magnetic Connector	2C 2 Circuit	RADL Radiant Large	<b>NS</b> Narrow Spot 10° <b>SP</b> Spot 20° <b>NF</b> Narrow Flood 35° <b>FL</b> Flood 45° <b>WF</b> Wide Flood 60° Warm Dim: <b>NS</b> (15°), <b>SP</b> (25°)	<b>24K</b> 2400K Very Warm White <b>27K</b> 2700K Incandescent White <b>30K</b> 3000K Warm White <b>30D</b> 3000D Warm Dim* <b>35K</b> 3500K Neutral White *Not available in NF	<b>BK</b> Black Powder Coat <b>WH</b> White Powder Coat

	BEAM ANGLE REFERENCE 45°				
COLOR TEMPERATURE	24K	27K	30K	30D	35K
TOTAL LUMENS	1389	1161	1199	838	1422
WATTS	14	14	14	14	14
LUMENS PER WATT (lm/w)	99	83	86	58	102
CRI	97	92	93	97	98
TM-30 DATA	R9: 60 Rf: 93 Rg: 98	R9: 97 Rf: 92 Rg: 100	R9: 64 Rf: 91 Rg: 98	R9: 90 Rf: 95 Rg: 102	R9: 92 Rf: 94 Rg: 101

### RADIANT MEDIUM

11 WATTS (WARM DIM: 8 WATTS)



System	Type	Fixture	Beam Spread	Color Temperature	Finish
<b>T24M</b>	<b>2C</b>	<b>RADM</b>	<b>FL</b>	<b>30K</b>	<b>WH</b>
T24M Track Head 24V Magnetic Connector	2C 2 Circuit	RADM Radiant Medium	<b>SP</b> Spot 20° <b>NF</b> Narrow Flood 35° <b>FL</b> Flood 45° <b>WF</b> Wide Flood 60°	<b>24K</b> 2400K Very Warm White <b>27K</b> 2700K Incandescent White <b>30K</b> 3000K Warm White <b>30D</b> 3000D Warm Dim <b>35K</b> 3500K Neutral White	<b>BK</b> Black Powder Coat <b>WH</b> White Powder Coat

	BEAM ANGLE REFERENCE 45°				
COLOR TEMPERATURE	24K	27K	30K	30D	35K
TOTAL LUMENS	765	639	660	360	783
WATTS	11	11	11	8	11
LUMENS PER WATT (lm/w)	70	58	64	47	76
CRI	97	92	93	93	98
TM-30 DATA	R9: 97 Rf: 92 Rg: 100	R9: 64 Rf: 91 Rg: 98	R9: 90 Rf: 95 Rg: 102	R9: 92 Rf: 94 Rg: 101	R9: 92 Rf: 94 Rg: 101

MATERIAL	Extruded Aluminum	FREQUENCY	50/60HZ	APPLICATION	Suitable for dry locations. Indoor use only.	COMPLIANCE LABEL	ETL to UL 2108 Standard
INPUT VOLTAGE	24VDC	POWER FACTOR	> 0.90	DIMMING & FLICKER	0-10V dimming Flicker less than 2%	LED LAMP LIFE	60,000 Hours

All track heads with the exception of Tubo Wall Wash and Zoom are JA8 listed with universal power supplies in 27K> CCT. Click the link to access our full Title 24 compliance listings: [pureedgelighting.com/resources](http://pureedgelighting.com/resources).




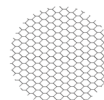


PROJECT	FIXTURE TYPE	DATE
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# T24M TRACK HEADS, 2 CIRCUIT MAGNETIC



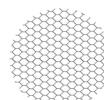


## 24VDC WITH INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY


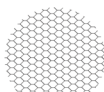

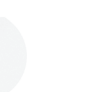
### Additional Lenses and Accessories

REV 07.03.24

TUBO LARGE LENS			SNOOT		LOUVER	FOCUS LENS	LINEAR SPREAD FILM
							
ORDERING CODE	STATIC WHITE LEN-TUBL-NS-SW LEN-TUBL-SP-SW LEN-TUBL-NF-SW LEN-TUBL-FL-SW LEN-TUBL-WF-SW	WARM DIM LEN-TUBL-SP-WD LEN-TUBL-NF-WD LEN-TUBL-FL-WD LEN-TUBL-WF-WD	STB16-BK STB16-WH (WHITE SHELL)	ST16-BK ST16-WH	L016-H	LF-TUBL-SF (SOFT FOCUS), MF (MEDIUM FOCUS), WF (WIDE FOCUS)	LF-TUBL-LS
	LENS SIZE 2" (50mm) Diameter		Conical snoot creates a 7° Beam spread and is designed to reduce spill and control glare. Spun aluminum.		Snoot is designed to reduce spill and control glare. Spun aluminum.		Hexcell louver eliminates glare. 0.125" Thickness.
BEAM SPREADS	NS (10°), SP (20°), NF (35°) FL (45°), WF (60°)		Soft focus lens is included with every track head. Diffuses the beam, providing uniform illumination.		Linear spread film: directs the light into an elongated beam. Typical applications using 10°, 15°, 25° include illuminating landscape oriented art. 35°, 40°, 60° create an elongated oval typically used for wall washing.		

TUBO SMALL LENS			SNOOT	LOUVER	FOCUS LENS	LINEAR SPREAD FILM
						
ORDERING CODE	STATIC WHITE LEN-TUBS-NS-SW LEN-TUBS-SP-SW LEN-TUBS-NF-SW LEN-TUBS-FL-SW LEN-TUBS-WF-SW	WARM DIM LEN-TUBS-SP-WD LEN-TUBS-NF-WD LEN-TUBS-FL-WD LEN-TUBS-WF-WD	TUBS-ST-BK TUBS-ST-WH (WHITE SHELL)	L011-H	LF-TUBS-SF (SOFT FOCUS), MF (MEDIUM FOCUS), WF (WHITE FOCUS)	LF-TUBS-LS
LENS SIZE	1.37" (35mm) Diameter		Conical snoot creates a 7° Beam spread and is designed to reduce spill and control glare. Spun aluminum.	Hexcell louver eliminates glare. 0.125" Thickness.	Soft focus lens is included with every track head. Diffuses the beam, providing uniform illumination.	Linear spread film: directs the light into an elongated beam. Typical applications using 10°, 15°, 25° include illuminating landscape oriented art. 35°, 40°, 60° create an elongated oval typically used for wall washing.
BEAM SPREADS	NS (15°), SP (25°), NF (35°), FL (45°), WF (60°)					

RADIANT LARGE LENS			SNOOT	LOUVER	FOCUS LENS	LINEAR SPREAD FILM
						
ORDERING CODE	STATIC WHITE LEN-RADL-NS-SW LEN-RADL-SP-SW LEN-RADL-NF-SW LEN-RADL-FL-SW LEN-RADL-WF-SW	WARM DIM LEN-RADL-NS-WD LEN-RADL-SP-WD LEN-RADL-FL-WD LEN-RADL-WF-WD	STB16-BK STB16-WH (WHITE SHELL)	L016-H	LF-RADL-SF (SOFT FOCUS), MF (MEDIUM FOCUS), WF (WIDE FOCUS)	LF-RADL-LS
LENS SIZE	2" (50mm) Diameter		Conical snoot creates a 7° Beam spread and is designed to reduce spill and control glare. Spun aluminum.	Hexcell louver eliminates glare. 0.125" Thickness.	Soft focus lens is included with every track head. Diffuses the beam, providing uniform illumination.	Linear spread film: directs the light into an elongated beam. Typical applications using 10°, 15°, 25° include illuminating landscape oriented art. 35°, 40°, 60° create an elongated oval typically used for wall washing.
BEAM SPREADS	NS (10°), SP (20°), NF (35°), FL (45°), WF (60°)	NS (15°), SP (25°), FL (45°), WF (60°)				

RADIANT MEDIUM LENS			LOUVER	FOCUS LENS	LINEAR SPREAD FILM
					
ORDERING CODE	STATIC WHITE LEN-RADM-SP-SW LEN-RADM-NF-SW LEN-RADM-FL-SW LEN-RADM-WF-SW	WARM DIM LEN-RADM-SP-WD LEN-RADM-NF-WD LEN-RADM-FL-WD LEN-RADM-WF-WD	L011-H	LF-RADM-SF (SOFT FOCUS) MF (MEDIUM FOCUS), WF (WIDE FOCUS)	LF-RADM-LS
LENS SIZE	1.37" (35mm) Diameter		Hexcell louver eliminates glare. 0.125" Thickness.	Soft focus lens is included with every track head. Diffuses the beam, providing uniform illumination.	Linear spread film: directs the light into an elongated beam. Typical applications using 10°, 15°, 25° include illuminating landscape oriented art. 35°, 40°, 60° create an elongated oval typically used for wall washing.
BEAM SPREADS	SP (20°), NF (35°), FL (45°), WF (60°)				

PROJECT		FIXTURE TYPE		DATE	
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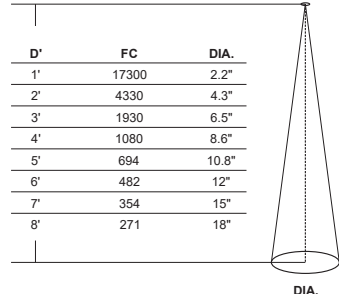
# T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

24VDC WITH INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

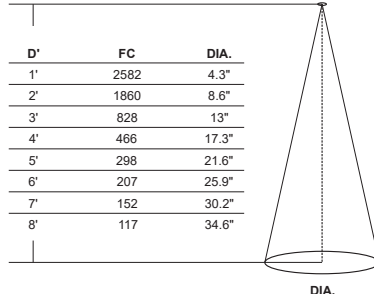
## TUBO LARGE Photometric Data at 3000K

**D** - Distance from fixture  
**FC** - Initial foot candles at the center of beam  
**DIA** - Diameter

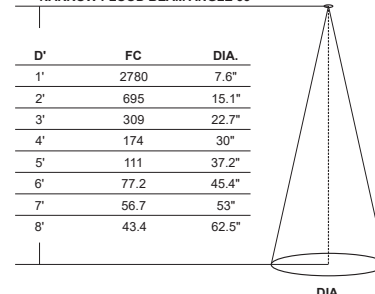
NARROW SPOT BEAM ANGLE 10°



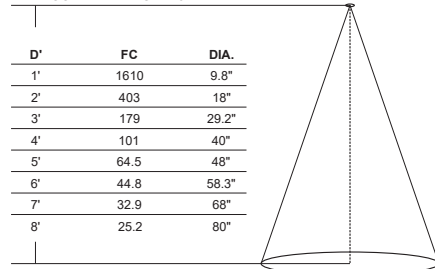
SPOT BEAM ANGLE 20°



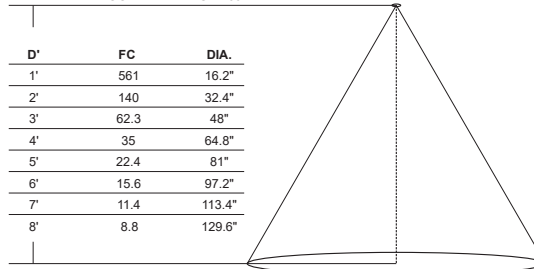
NARROW FLOOD BEAM ANGLE 35°



FLOOD BEAM ANGLE 45°



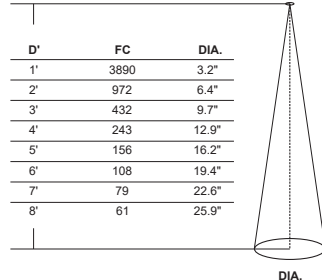
WIDE FLOOD BEAM ANGLE 60°



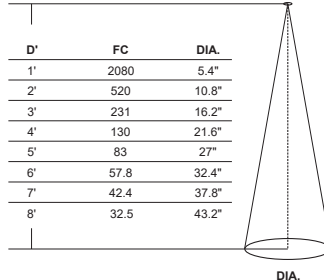
## TUBO SMALL Photometric Data at 3000K

**D** - Distance from fixture  
**FC** - Initial foot candles at the center of beam  
**DIA** - Diameter

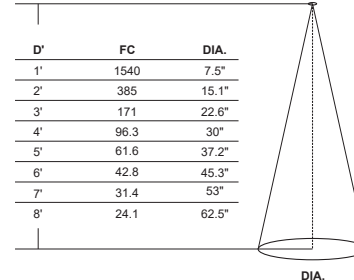
NARROW SPOT BEAM ANGLE 15°



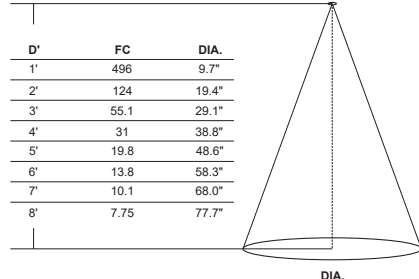
SPOT BEAM ANGLE 25°



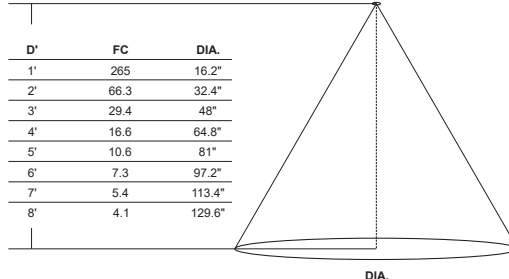
NARROW FLOOD BEAM ANGLE 35°



FLOOD BEAM ANGLE 45°



WIDE FLOOD BEAM ANGLE 60°





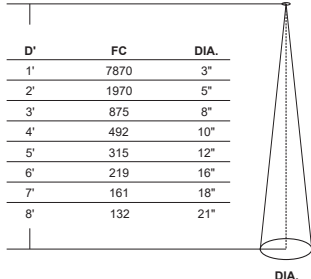
# T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

24VDC WITH INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

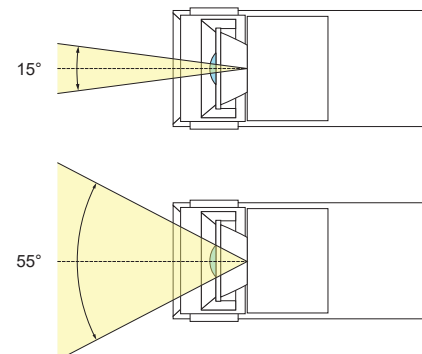
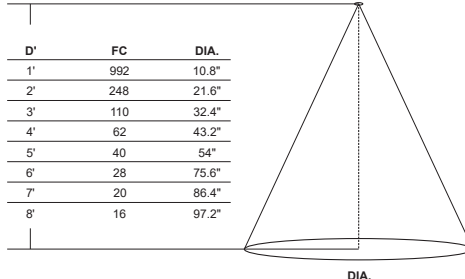
## ZOOM Z1 Photometric Data at 3000K

**D** - Distance from fixture  
**FC** - Initial foot candles at the center of beam  
**DIA** - Diameter

15° BEAM ANGLE



55° BEAM ANGLE

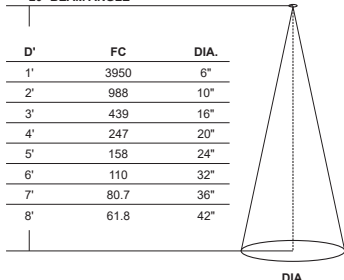


Z1: Adjustable between 15° and 55°

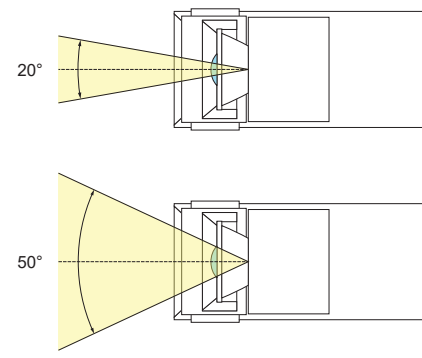
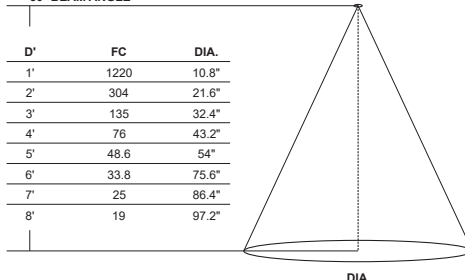
## ZOOM Z2 Photometric Data at 3000K

**D** - Distance from fixture  
**FC** - Initial foot candles at the center of beam  
**DIA** - Diameter

20° BEAM ANGLE



50° BEAM ANGLE

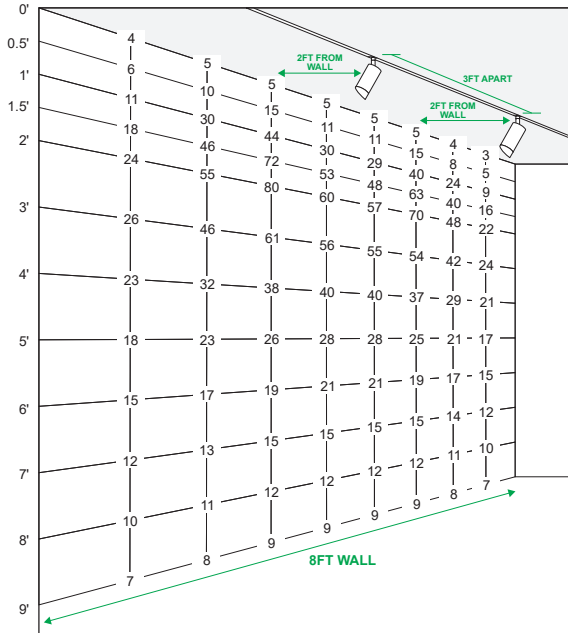


Z2: Adjustable between 20° and 50°

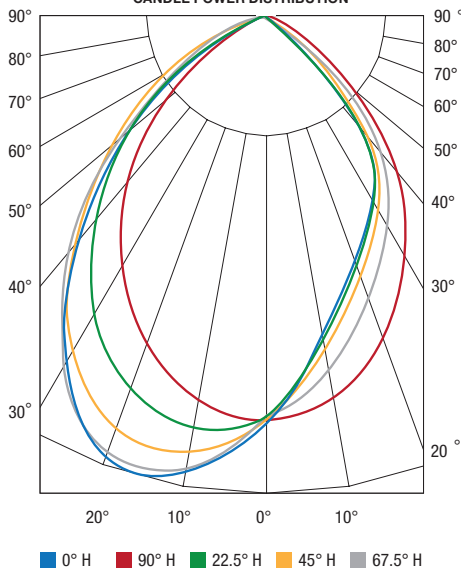
## TUBO WALL WASH Photometric Data at 3000K

**D** - Distance from fixture  
**FC** - Initial foot candles at the center of beam  
**DIA** - Diameter

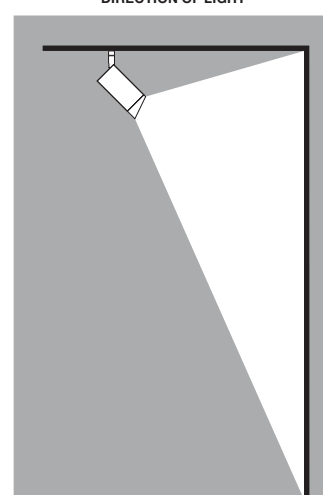
Tubo Wall Wash Foot Candle Chart



CANDLE POWER DISTRIBUTION



DIRECTION OF LIGHT



# T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

24VDC WITH INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

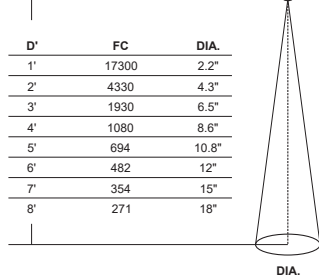
## RADIANT LARGE Photometric Data at 3000K

**D** - Distance from fixture

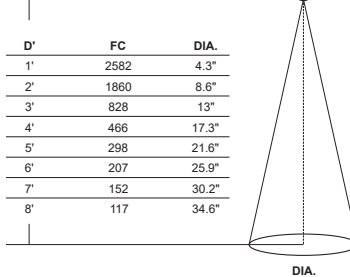
**FC** - Initial foot candles at the center of beam

**DIA** - Diameter

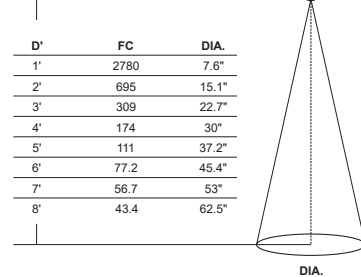
NARROW SPOT BEAM ANGLE 10°



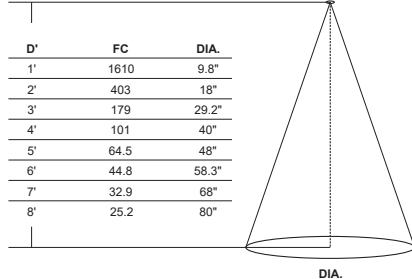
SPOT BEAM ANGLE 20°



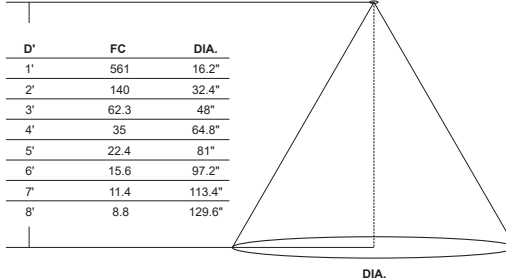
NARROW FLOOD BEAM ANGLE 35°



FLOOD BEAM ANGLE 45°



WIDE FLOOD BEAM ANGLE 60°



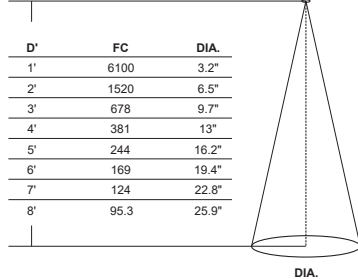
## RADIANT MEDIUM Photometric Data at 3000K

**D** - Distance from fixture

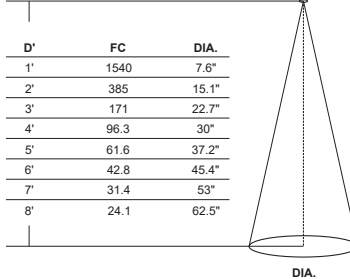
**FC** - Initial foot candles at the center of beam

**DIA** - Diameter

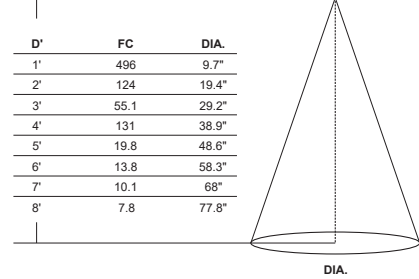
SPOT BEAM ANGLE 20°



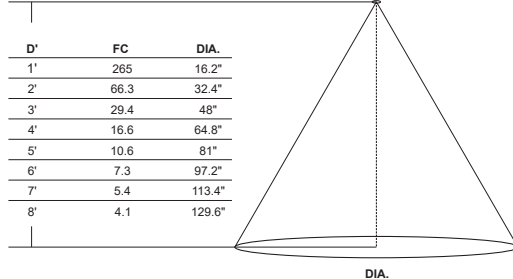
NARROW FLOOD BEAM ANGLE 35°



FLOOD BEAM ANGLE 45°



WIDE FLOOD BEAM ANGLE 60°



# UNIVERSAL POWER SUPPLIES WITH TRIM

24VDC, UNIVERSAL DIMMING (ELV, TRIAC, 0-10V) STATIC WHITE & WARM DIM FOR TRACK HEADS



## DESCRIPTION

The Uni TRIM Power Supply is designed for 24 Volt Track Heads, accepts input voltage in a range of 120 - 277VAC and outputs 24VDC power up to 96 watts. Can be used as a dimmable or non-dim Power Supply. Dims down 7% with an ELV dimmer or a 0-10 volt dimmer when two additional wires are connected to the dimmer. The enclosure provides a space inside for electrical connections. Power Supply features short circuit and overload and over temperature protection. Indoor applications only. For custom quotes and layout assistance, send your drawings and ideas to our design team: [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com).

## MOUNTING

Surface mounted with conduit access

## COMPATIBILITY

Compatible with PureEdge 24VDC Track heads (T24, T24M), Vanishing Point and Mono-point/Multi-point heads (FJ24, VR, V2MR, MR2R, M44R, 2RRE, 3R8R).

## POWER INPUT

120-277 volts AC, 50/60Hz

## POWER OUTPUT

Class 2; 24 volts DC 4A, 96 watts maximum

## EFFICIENCY

85%

## AMBIENT OPERATING TEMPERATURE

-25C to 40C

## ELV DIMMER TYPE

Legrand: Adorne ADTP703TU  
Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio RA 2

## MAKE IT SMART

ELV & TRIAC [Smart Dimmer & Switch](#)

## 0-10 DIMMER TYPE

Lutron: Radio RA2 (with GRX-TVI), Grafik Eye Qs (with GRX-TVI), Diva (with PP20); Nova T  
Philips: Sunrise SR1200ZTUNV  
Leviton: IP710-DL

## DIMMING CURVE

Linear, Logarithmic 100% - 7% (HydraDrive)

## APPLICATIONS: Indoor\*

\*To avoid overheating the power supply, install it in a ventilated remote location where air flows. Maintain proper spacing among power supplies when multiple power supplies are installed in the same remote location.

Product	Wattage	Dimming	Voltage	Type	Options
<b>PSB</b>	<b>96W</b>	<b>UNI</b>	<b>24VDC</b>	<b>T</b>	<b>STANDARD</b> (Leave Blank)
PSB Power Supply with Enclosure Box	40W 40 Watt 60W 60 Watt 96W 96 Watt 2X40W 2x40 Watt 2X60W 2x60 Watt 2X96W 2x96 Watt	UNI Universal Power Supply	24VDC 24 Volt DC	T Trim	TB T-Bar CP Chicago Plenum

# UNIVERSAL POWER SUPPLIES WITH TRIM

24VDC, UNIVERSAL DIMMING (ELV, TRIAC, 0-10V) STATIC WHITE & WARM DIM FOR TRACK HEADS

REV 07.03.24

UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS			
ORDERING CODE	PSB-40W-UNI-24VDC-T	PSB-60W-UNI-24VDC-T	PSB-96W-UNI-24VDC-T
			

SPECIFICATIONS			
MAXIMUM LOAD	40W	60W	96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC
DIMENSIONS	15.65" X 6.37" X 3.43"	15.65" X 6.37" X 3.43"	15.65" X 6.37" X 3.43"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2
T-BAR MOUNTING	PSB-40W-UNI-24VDC-T-TB	PSB-60W-UNI-24VDC-T-TB	PSB-96W-UNI-24VDC-T-TB
T-BAR CHICAGO PLENUM	PSB-40W-UNI-24VDC-T-CP	PSB-60W-UNI-24VDC-T-CP	PSB-96W-UNI-24VDC-T-CP

UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS			
ORDERING CODE	PSB-2X40W-UNI-24VDC-T	PSB-2X60W-UNI-24VDC-T	PSB-2X96W-UNI-24VDC-T
			

SPECIFICATIONS			
MAXIMUM LOAD	2X40W	2X60W	2X96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC
DIMENSIONS	15.4" X 9.73" X 3.43"	15.4" X 9.73" X 3.43"	15.4" X 9.73" X 3.43"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2
T-BAR MOUNTING	PSB-2X40W-UNI-24VDC-T-TB	PSB-2X60W-UNI-24VDC-T-TB	PSB-2X96W-UNI-24VDC-T-TB
T-BAR CHICAGO PLENUM	PSB-2X40W-UNI-24VDC-T-CP	PSB-2X60W-UNI-24VDC-T-CP	PSB-2X96W-UNI-24VDC-T-CP

ELV DIMMING & CONTROLS			
LUTRON DIVA: DVELV-300P	•	•	•
LUTRON SKYLARK: SELV-300P	•	•	•
LUTRON RADIO RA3: RR-PROC3-XX	•	•	•
LUTRON MAESTRO: MAELV-600	•	•	•
LEGRAND ADORNE: ADTP-703TUM4	•	•	•

0-10 DIMMING & CONTROLS			
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•
LUTRON DIVA: DVTW-WH, DVSTV-WH	•	•	•
LUTRON NOVA T: NTSTV-DV-XX	•	•	•
LUTRON GRAFIX EYE QS: QSGRJ-XP	•	•	•
LUTRON RADIO RA3: RR-PROC3-XX	•	•	•
LEVITON: LEV400S0	•	•	•
LEVITON IP710-LFZ	•	•	•
LEGRAND: ADPD4FBL3P2W4	•	•	•
LEGRAND RADIANT: RH703PTUW	•	•	•

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	•	•	•
PURE SMART DIMMER AND SWITCH	•	•	•

- Flicker free dimming
- Aluminum casing for optimal heat dissipation
- Isolated output power per e 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 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.
- The Uni-Power Supply is recommended with any Siemens/Murray brand of arc fault breaker to overcome the issues with tripping the breakers with ELV Low Voltage Drivers.

\*Title 24 with JA8 listed PureEdge products and systems

PROJECT		FIXTURE TYPE		DATE	
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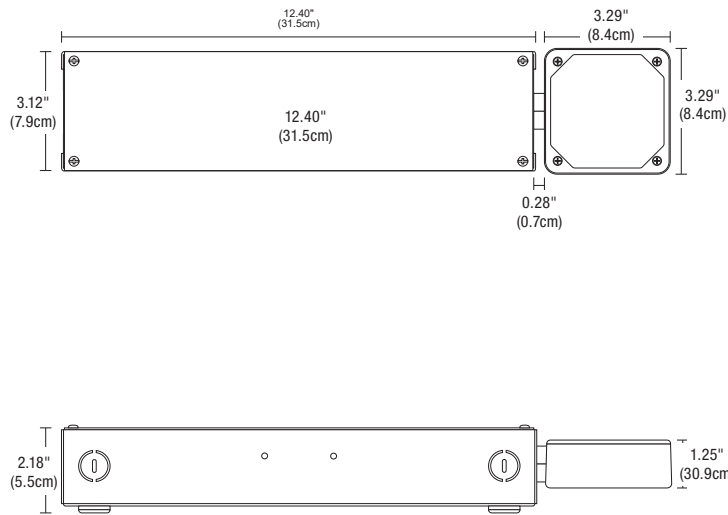
# UNIVERSAL POWER SUPPLIES WITH TRIM

24VDC, UNIVERSAL DIMMING (ELV, TRIAC, 0-10V) STATIC WHITE & WARM DIM FOR TRACK HEADS

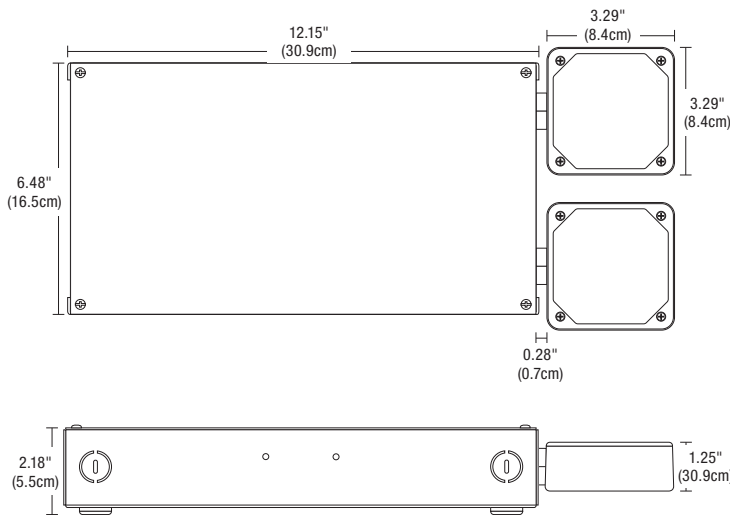
REV 07.03.24

## POWER SUPPLY DIMENSIONS & DIAGRAMS

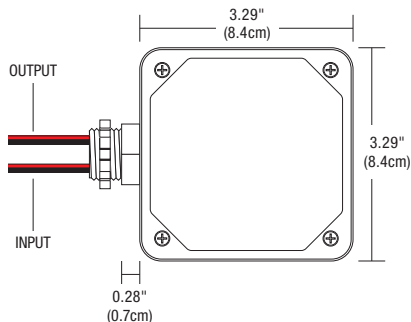
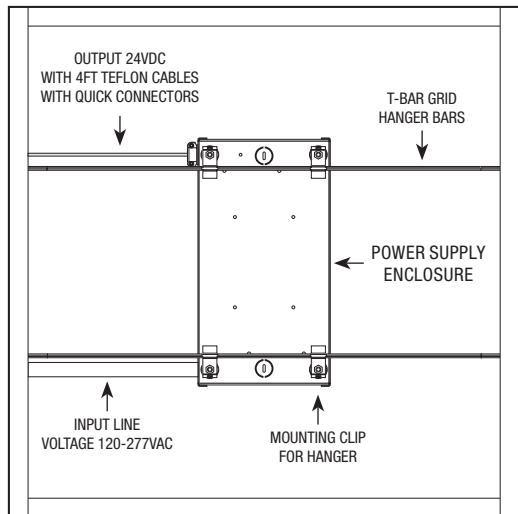
### 40W, 60W, 96W



### 2X40W, 2X60W, 2X96W



### T-BAR GRID CEILING



### VOLTAGE TRIM BOX

Voltage Trim Box is included with power supply. Mounts in 1/2" knock-outs. The part number below is to be used for replacement only.

Product	Voltage	Type
<b>PSB</b>	<b>24VDC</b>	<b>TRIM</b>
PSB Power Supply with Enclosure Box	24VDC 24 Volt DC	TRIM Voltage Trim Box

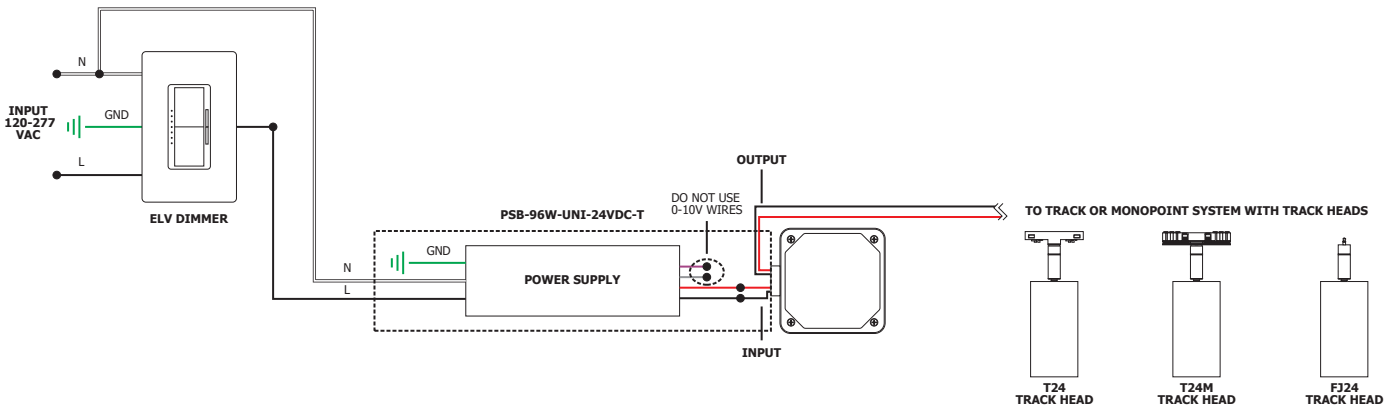
PROJECT	FIXTURE TYPE	DATE
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# UNIVERSAL POWER SUPPLIES WITH TRIM

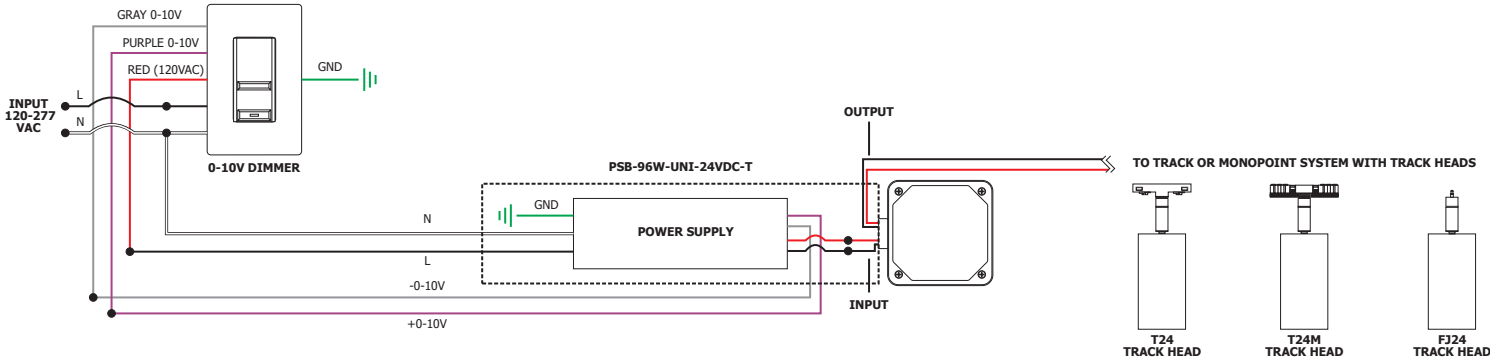
24VDC, UNIVERSAL DIMMING (ELV, TRIAC, 0-10V) STATIC WHITE & WARM DIM FOR TRACK HEADS

REV 07.03.24

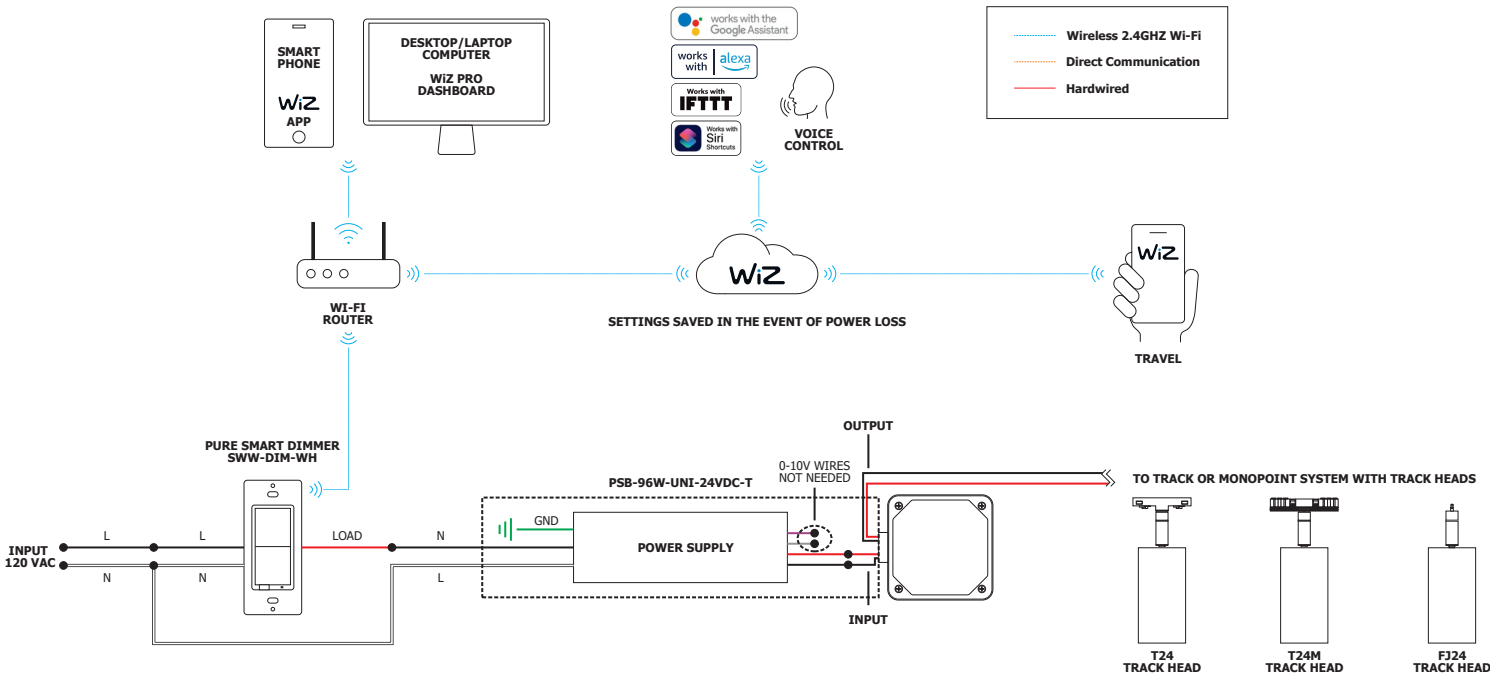
## ELV WIRING DIAGRAM



## 0-10V WIRING DIAGRAM



## SMART WIRING DIAGRAM & NETWORK TOPOGRAPHY



PROJECT	FIXTURE TYPE	DATE
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# TM30 DATA

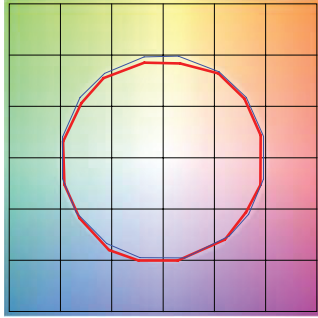
24VDC WITH INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

REV 07.03.24

**TM-30-15 DATA:** Consistent color temperatures among multiple track heads is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

**2400K** | Rf: 91.2 | Rg: 96.8

Color Vector Graphic

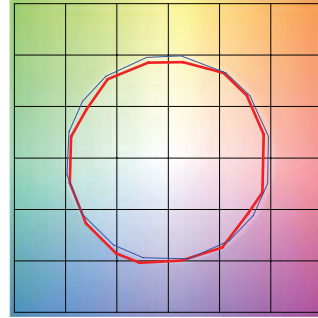


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	92.0	-2.4%	1.5%
2	94.7	-2.1%	0.0%
3	95.4	-1.9%	-0.1%
4	88.7	-6.7%	-3.1%
5	92.8	-5.6%	1.0%
6	92.7	-3.4%	3.4%
7	89.9	-4.3%	4.1%
8	92.4	-1.4%	4.4%
9	89.0	-0.6%	5.8%
10	88.9	0.4%	6.2%
11	89.7	4.0%	5.4%
12	92.6	3.0%	-0.7%
13	90.9	1.1%	-7.0%
14	89.9	0.5%	-5.8%
15	92.1	-3.2%	0.1%
16	88.9	-1.7%	-6.3%

**2700K** | Rf: 87.7 | Rg: 96.1

Color Vector Graphic

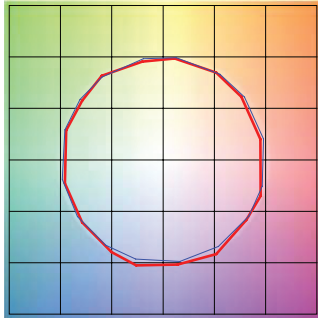


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	88.0	-4.3%	2.6%
2	91.6	-2.4%	2.0%
3	93.7	-1.4%	1.9%
4	88.9	-5.6%	-3.1%
5	92.3	-5.5%	-0.5%
6	92.9	-3.5%	0.1%
7	84.5	-7.5%	4.6%
8	90.8	-3.0%	4.4%
9	84.5	-1.3%	8.3%
10	83.9	2.0%	9.8%
11	87.2	5.3%	7.1%
12	89.2	5.4%	-2.6%
13	88.7	0.3%	-7.8%
14	86.8	1.7%	-9.3%
15	87.6	-5.4%	-1.3%
16	83.6	-3.3%	-9.5%

**3000K** | Rf: 88.1 | Rg: 99.7

Color Vector Graphic

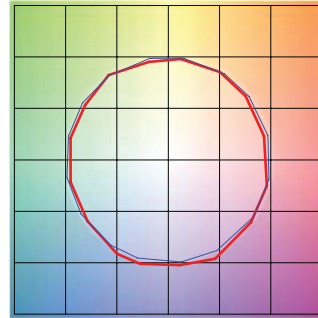


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	92.5	-3.1%	0.3%
2	93.3	-2.3%	1.9%
3	90.9	-0.8%	3.9%
4	94.3	-1.1%	1.4%
5	92.5	-2.6%	1.5%
6	96.4	1.2%	-0.3%
7	92.6	-2.5%	-0.0%
8	96.9	-1.4%	0.2%
9	92.3	-1.8%	4.3%
10	86.6	-0.7%	7.0%
11	86.5	2.4%	8.2%
12	89.8	5.9%	1.7%
13	93.9	2.6%	-2.7%
14	89.4	5.1%	-5.8%
15	90.1	-0.1%	-4.7%
16	86.5	0.3%	-9.7%

**3500K** | Rf: 86.1 | Rg: 95.5

Color Vector Graphic

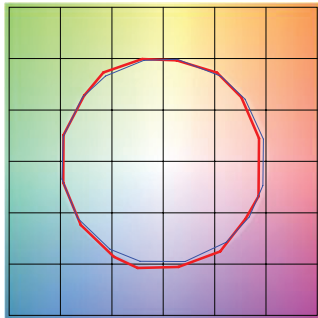


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	90.8	-3.8%	0.3%
2	92.3	-2.8%	2.1%
3	89.7	-1.0%	4.3%
4	92.6	-1.4%	1.7%
5	91.8	-3.1%	1.3%
6	96.2	0.8%	-0.4%
7	92.9	-3.2%	0.2%
8	94.3	-2.5%	1.5%
9	90.4	-2.5%	5.2%
10	84.3	-1.4%	9.5%
11	83.1	3.5%	9.8%
12	88.2	4.8%	3.4%
13	94.0	2.7%	-2.0%
14	88.7	5.9%	-5.8%
15	88.7	0.7%	-5.9%
16	86.8	-0.7%	-6.7%

**3000D** | Rf: 89.8 | Rg: 101.4

Color Vector Graphic



■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	90.2	-4.2%	1.5%
2	90.9	-2.0%	3.7%
3	87.9	0.8%	5.5%
4	92.1	-0.9%	0.6%
5	93.0	1.5%	1.6%
6	92.2	3.9%	-0.2%
7	92.1	-0.3%	-2.0%
8	96.7	0.0%	-1.2%
9	92.5	-0.6%	3.7%
10	88.3	1.1%	7.0%
11	87.2	4.1%	7.4%
12	87.2	6.7%	-1.0%
13	88.2	3.8%	-7.2%
14	85.3	4.3%	-9.9%
15	90.9	-2.2%	-3.6%
16	83.4	-2.2%	-11.2%