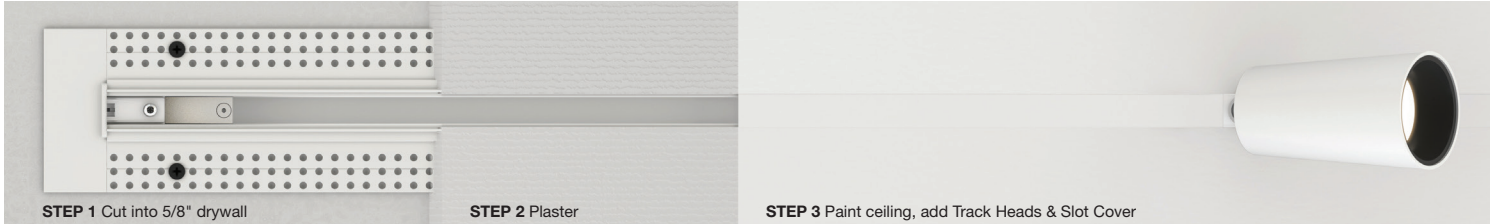


TRUTRACK® MAGNETIC 24VDC REMOTE POWER, RECESSED TWO-CIRCUIT TRACK SYSTEM

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PAT. US 10,240,762 B1

REV 04.07.25



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

- Slot Cover: Black, Warm White RAL 9010, Pure White Powder RAL 9016 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

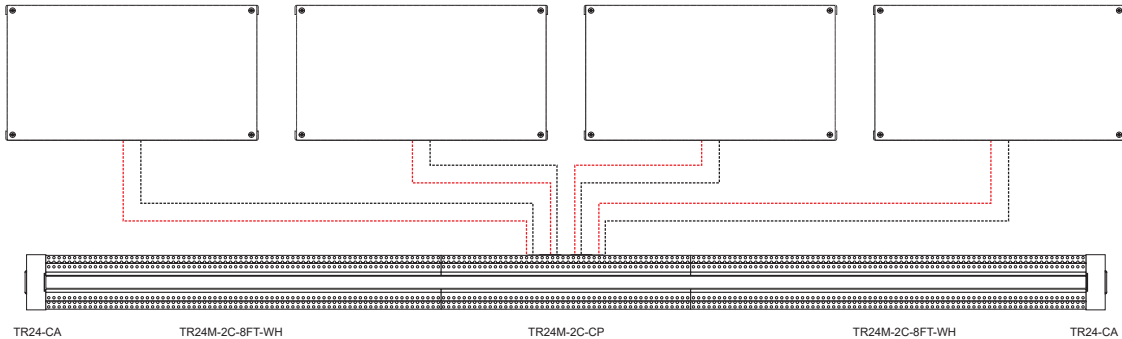
Kit includes end feed, track, track cover and end caps.



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
TR24M	2C	EP	30FT	WH
TR24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	EP End Power Feed	4-30FT 4-30' (2' increments)	BK Black PW Pure White Powder Coat RAL 9016 WH Warm White Powder Coat RAL 9010

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
TR24M	2C	CP	60FT	WH
TR24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	CP Center Power Feed	4-60FT 4-60' (4' increments)	BK Black PW Pure White Powder Coat RAL 9016 WH Warm White Powder Coat RAL 9010

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

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
TR24M	2C	8FT	WH
TR24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	2FT 2' 4FT 4' 6FT 6' 8FT 8'	BK Black PW Pure White Powder Coat RAL 9016 WH Warm White Powder Coat RAL 9010

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
T24	SCO	8FT	WH
T24 TruTrack 24VDC	SCO Opaque Cover for Track Slot	8FT 8'	BK Black PW Pure White Powder Coat RAL 9016 WH Warm White Powder Coat RAL 9010

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.

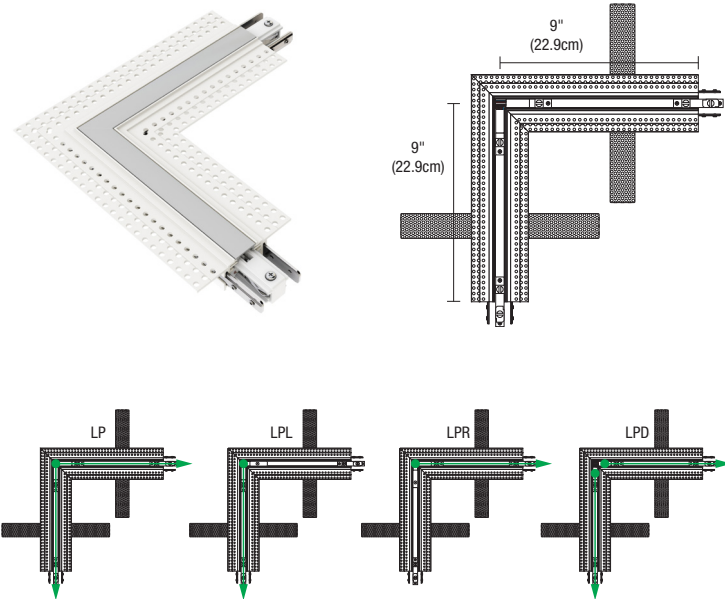
System	Circuit	Type	Cover Color
TR24M	2C	EP	WH
TR24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	EP End Power Feed	BK Black PW Pure White Powder Coat RAL 9016 WH Warm White Powder Coat RAL 9010

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
TR24M	2C	CP	WH
TR24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	CP Center Dual Power Feed	BK Black PW Pure White Powder Coat RAL 9016 WH Warm White Powder Coat RAL 9010

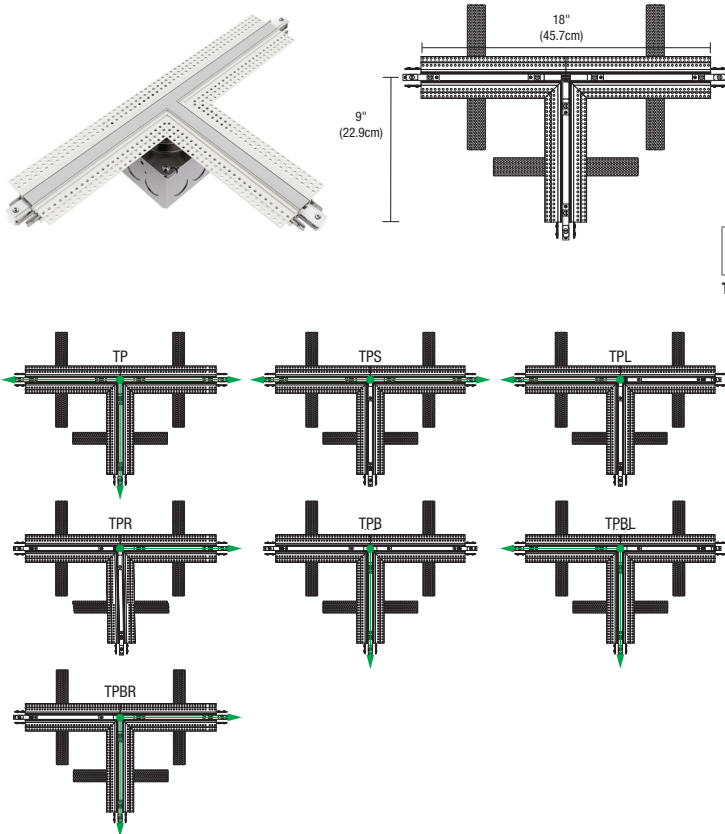
PROJECT		FIXTURE TYPE		DATE	
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COMPONENTS



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
TR24M	2C	LPD	WH
TR24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	LP L-Shaped Power Feed, both Directions, up to 2 power supplies, 200 watts each LPL L-Shaped Power Feed, Left Power Only, 2x 200 Watts LPR L shaped Power Feed, Right Power Only, 2x 200 Watts LPD L-Shaped Dual Power Feed, up to 4x 200 Watts	BK Black PW Pure White Powder Coat RAL 9016 WH Warm White Powder Coat RAL 9010

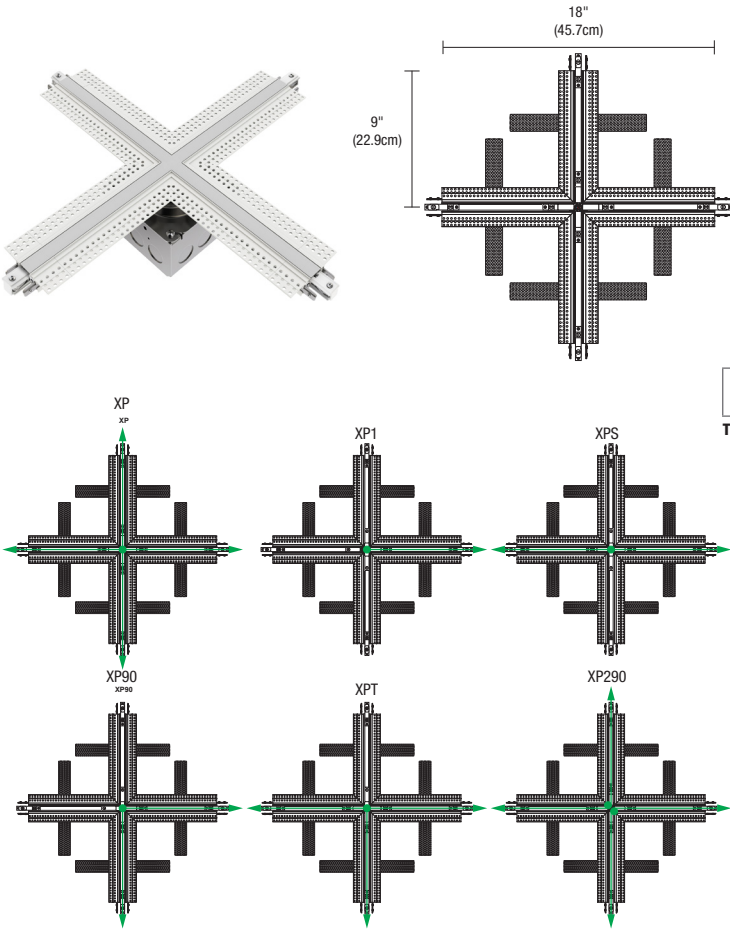


T-SHAPED POWER FEED WITH JUNCTION BOX FOR 5/8"- 1-1/4" DRYWALL & POWER CONNECTORS
 T-Shaped Power Feed joins three sections track 90° apart. For powering three channels use "TP" which mounts to a 4" junction box for feeding the power to three section, for (Left to right), use "TPS" power two sections. 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
TR24M	2C	TP	WH
TR24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	TP T-Shaped Power Connector, Conductive on 3 Sections up to 1400 watts (8x175W) power supplies. 9" long track sections. TPS T-Shaped Connector, Conductive through Left & Right Sections TPL T-Shaped Power Connector, Conductive on Left Sections TPR T-Shaped Power Connector, Conductive on Right Sections TPB T-Shaped Power Connector, Conductive on Base Only TPBL T-Shaped Power Connector, Conductive on Base & Left Sections TPBR T-Shaped Power Connector, Conductive on Base & Right Sections	BK Black PW Pure White Powder Coat RAL 9016 WH Warm White Powder Coat RAL 9010

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
TR24M	2C	XP290	WH
TR24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	XP X-Shaped Power Feed Quad Feed up to 8 200 watt power supplies XP1 X-Shaped Power Connector, Conductive on 1 Section XPS X-Shaped Power Connector, Conductive Straight through 2 Sections XP90 X-Shaped Power Connector, Conductive on 2 Sections, 90° Turn XPT X-Shaped Power Connector, Conductive on 3 Sections XP290 X-Shaped Connector, Conductive on 4 Sections, (2) 90° Turns	BK Black PW Pure White Powder Coat RAL 9016 WH Warm White Powder Coat RAL 9010

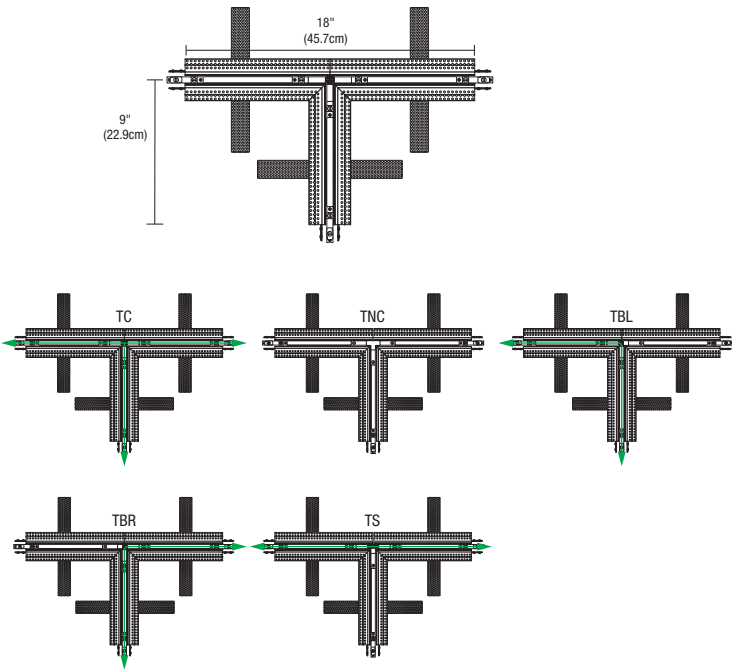
L-SHAPED CONNECTOR

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
TR24M	2C	LC	WH
TR24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	LC L-Connector Conductive LNC L-Connector Non-Conductive	BK Black PW Pure White Powder Coat RAL 9016 WH Warm White Powder Coat RAL 9010

PROJECT		FIXTURE TYPE		DATE	
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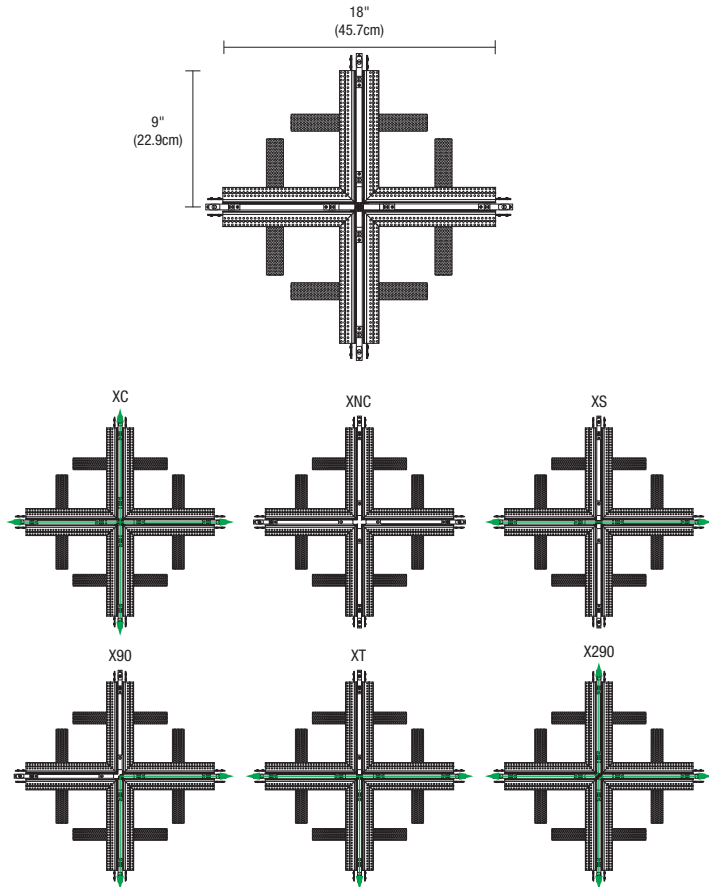
COMPONENTS



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	BK Black PW Pure White Powder Coat RAL 9016 WH Warm White Powder Coat RAL 9010



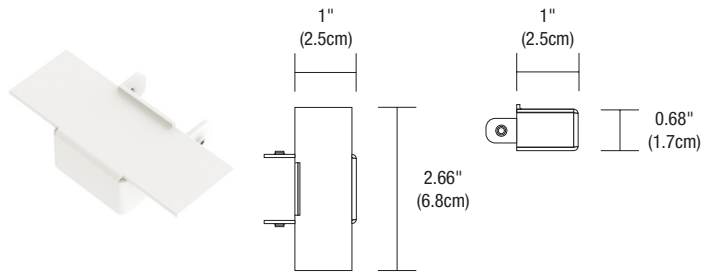
X-SHAPED CONNECTOR

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	BK Black PW Pure White Powder Coat RAL 9016 WH Warm White Powder Coat RAL 9010

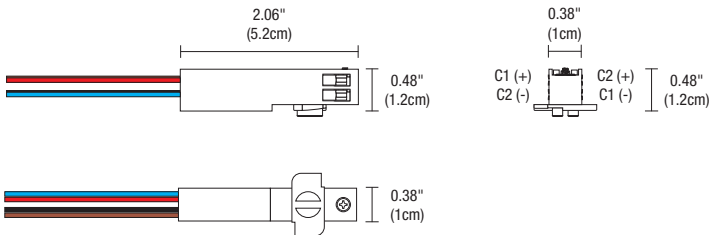
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TRUTRACK® MAGNETIC DIY
 24VDC REMOTE POWER, RECESSED TWO-CIRCUIT TRACK SYSTEM



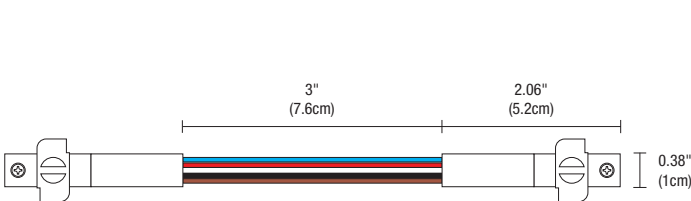
END CAP
 Plaster over and paintable End Cap, needs to be ordered with each dead end of TR24M Track System.

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



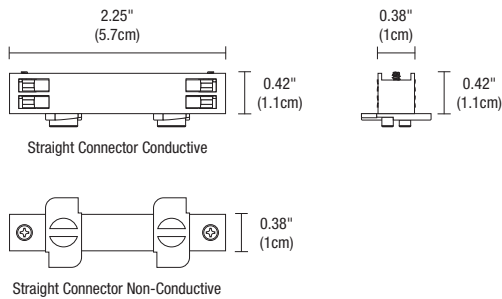
POWER FEED CONNECTOR
 Included with each end of TR24M Track System.

System	Circuit	Type
T24M	2C	P
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.

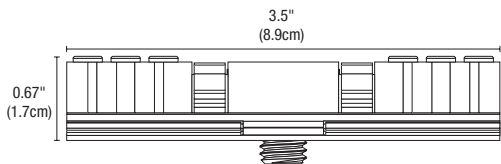
System	Circuit	Connector
T24M	2C	JC
T24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	JC Jumper Connector



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
T24M	2C	SC
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
T24M	2C	FJR	BK
T24M TruTrack Magnetic Recessed 24VDC	2C Two Circuit	FJR Fast Jack Connector	BK Black PW Pure White Powder Coat RAL 9016 WH Warm White Powder Coat RAL 9010

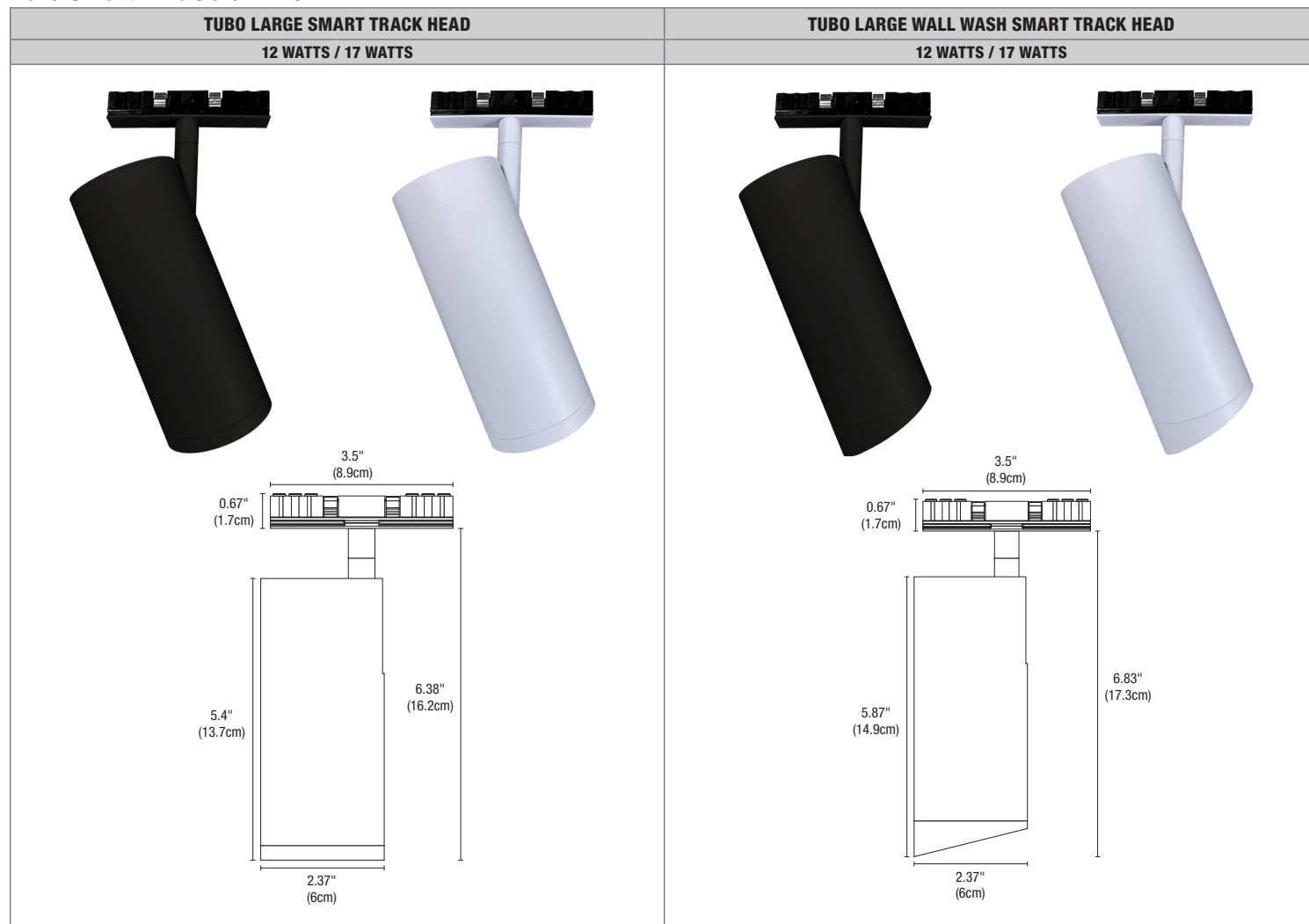
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T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

24VDC WITH INTEGRATED LED

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.

Pure Smart™ TruColor™ RGBTW



System	Type	Fixture	Wattage	Beam Spread Lens	Control	Color Temperature	Finish
T24M	2C	TU2L	17W	NF	WZ	TC	BK
T24M Track Head 24V Magnetic Connector	2C 2 Circuit	TU2L Tubo Large 2	12W 12 Watts 17W 17 Watts	SP* Spot 16° NF Narrow Flood 30° FL* Flood 35° WF Wide Flood 45° WW Wall Wash *Has Aura Effect without diffusion film	WZ WIZ Smart Control	TC TruColor™ RGBTW Red, Green, Blue & Tunable White 1500K- 6500K	BK Black Powder Coat PW Pure White Powder Coat - RAL 9016

WATTS	12W									17W								
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS	445	462	507	596	670	737	751	596	494	830	862	962	1130	1271	1401	1531	1307	1082
LUMENS PER WATT (lm/w)	44	44	47	52	56	61	64	60	56	64	62	65	72	79	87	96	93	82
CRI	86.7	88.3	89.7	93.2	95.2	96.8	96.7	93.9	91.6	86.4	88.4	91.8	94.7	95.9	97.3	96.5	94.8	93.3
Duv	-0.0027	-0.0011	-0.0019	-0.0022	-0.0023	-0.0005	-0.0005	-0.0041	-0.0036	0.0026	0.0026	0.0026	0.0033	0.0037	0.0024	0.0008	0.0024	0.0006
Rf	87	88	90	93	94	94	93	93	91	88	89	92	94	95	95	94	93	92
Rg	104	101	103	103	103	101	100	105	106	105	105	105	104	104	103	100	105	105
R9	91	92	90	94	97	98	94	80	66	84	86	92	97	97	98	85	90	83
R13	83	85	87	91	93	96	96	93	92	82	85	89	93	94	96	99	96	96
R15	92	93	93	95	96	97	95	91	88	90	91	93	96	96	97	96	94	93
WATTS	10	11	11	12	12	12	12	10	9	13	14	15	16	16	16	16	14	13


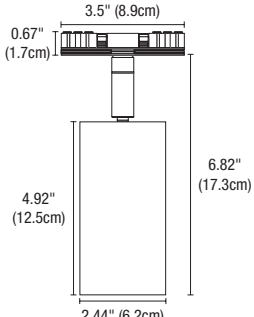

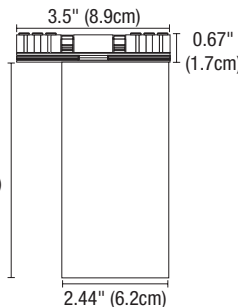
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T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

24VDC WITH INTEGRATED LED

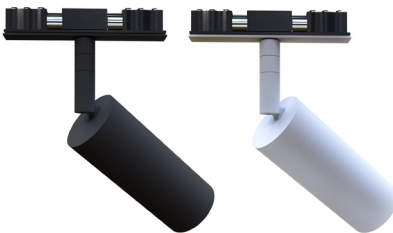
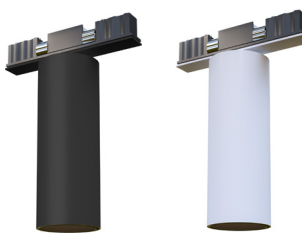
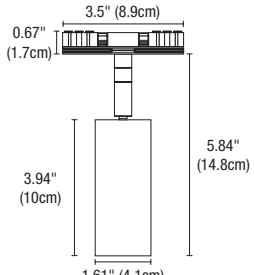
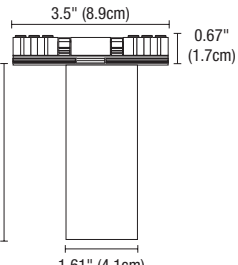
All uniform beam spread options are field changeable. See accessories page for more information.

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TUBO LARGE		14 WATTS		TUBO LARGE DOWNLIGHT	
					
		<p>Drawing for dimensional purposes only, do not force head into vertical position, specify Tubo Downlight instead.</p>			

System	Type	Fixture	Beam Spread	Color Temperature	Finish
T24M	2C	TUBL	FL	30K	WH
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 PW Pure 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)			
			
			
Drawing for dimensional purposes only, do not force head into vertical position, specify Tubo Downlight instead.			

System	Type	Fixture	Beam Spread	Color Temperature	Finish
T24M	2C	TUBS	FL	30K	WH
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° *NS with 30D Warm Dim uses snoot, see accessory pages for details	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 JAB listed with universal power supplies in 27K CCT. Click the link to access our full Title 24 compliance listings: pureedgelighting.com/resources

PROJECT	FIXTURE TYPE			DATE
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T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

24VDC WITH INTEGRATED LED

TUBO LARGE WALL WASH

15 WATTS

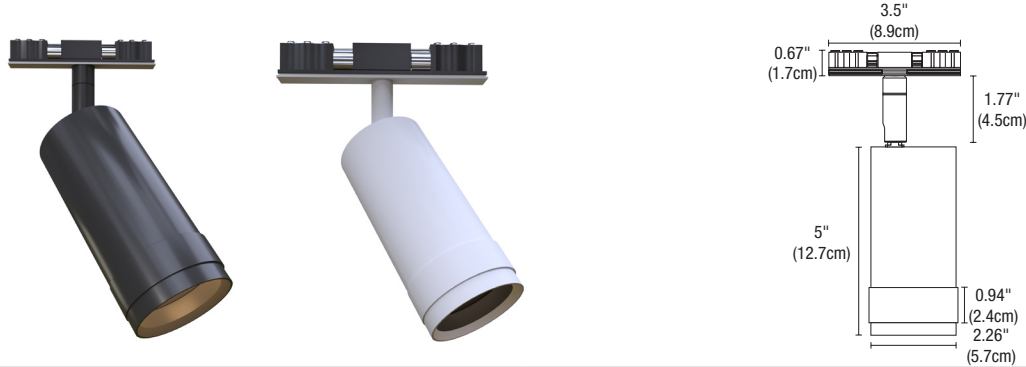


System	Type	Fixture	Beam Spread	Color Temperature	Finish
T24M	2C	TUBL	WW	30K	BK
T24M Track Head 24V Magnetic Connector	2C 2 Circuit	TUBL Tubo Large	WW Wall Wash	24K 2400K Very Warm White 27K 2700K Incandescent White 30K 3000K Warm White 30D 3000K Warm Dim to 1800K 35K 3500K Neutral White	BK Black Powder Coat WH Warm White Powder Coat RAL 9010 PW Pure 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
T24M	2C	ZOOM	Z2	30K	BK
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

	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

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T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

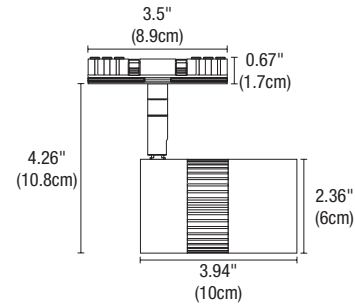
24VDC WITH INTEGRATED LED

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All uniform beam spread options are field changeable.

RADIANT LARGE

14 WATTS

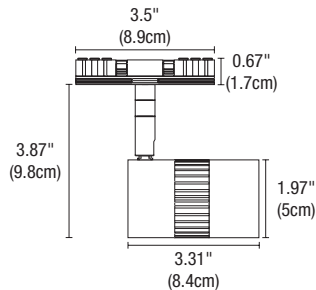


System	Type	Fixture	Beam Spread	Color Temperature	Finish
T24M	2C	RADL	FL	30K	WH
T24M Track Head 24V Magnetic Connector	2C 2 Circuit	RADL Radiant Large	NS Narrow Spot 10° SP Spot 20° NF Narrow Flood 35° FL Flood 45° WF Wide Flood 60° Warm Dim: NS (15°), SP (25°)	24K 2400K Very Warm White 27K 2700K Incandescent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

PROJECT	FIXTURE TYPE	DATE
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T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

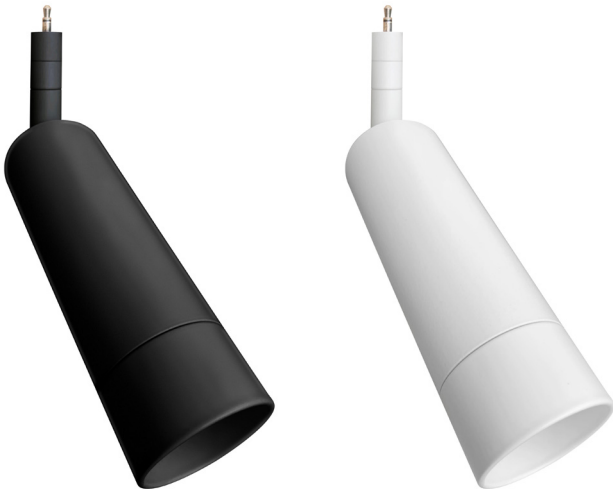
24VDC WITH INTEGRATED LED

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.

TUBO SMALL NARROW SPOT (NS) 30D WARM DIM WITH SNOOT DETAIL

WARM DIM: 8 WATTS



0.5" (1.3cm)

1.79" (4.5cm)

3.94" (10cm)

1" (2.5cm)

Ø1.61" (4.1cm)

6.84" (17.4cm)




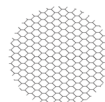


*Snoot is included in ordering code & required for use



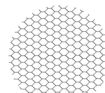


T24M TRACK HEADS, 2 CIRCUIT MAGNETIC



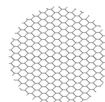


24VDC WITH INTEGRATED LED





Additional Lenses and Accessories

REV 04.07.25

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						
BEAM SPREADS	NS (10°), SP (20°), NF (35°) FL (45°), WF (60°)		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.	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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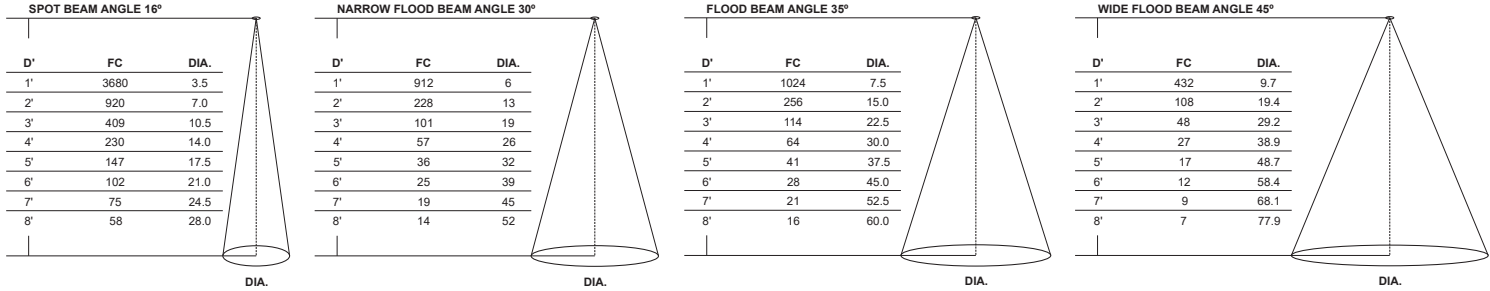
T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

24VDC WITH INTEGRATED LED

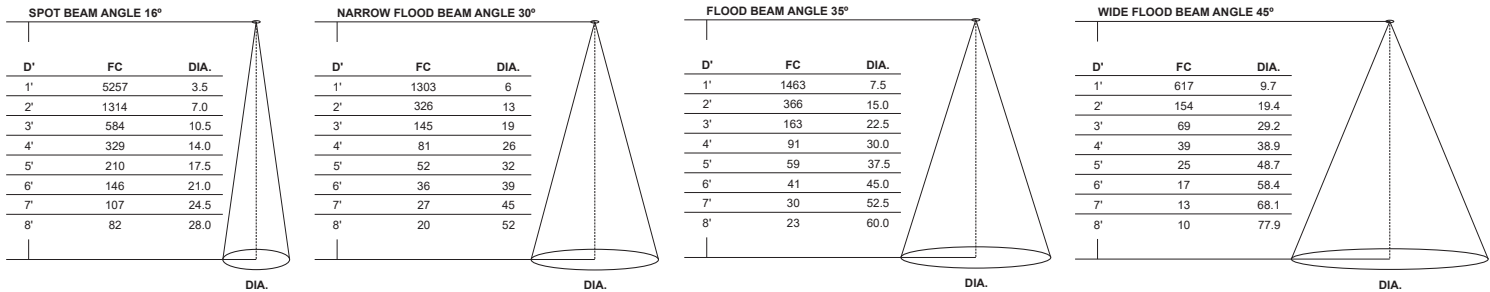
TUBO LARGE RGBTW SMART TRACKHEAD Photometric Data at 3000K

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

12 Watt

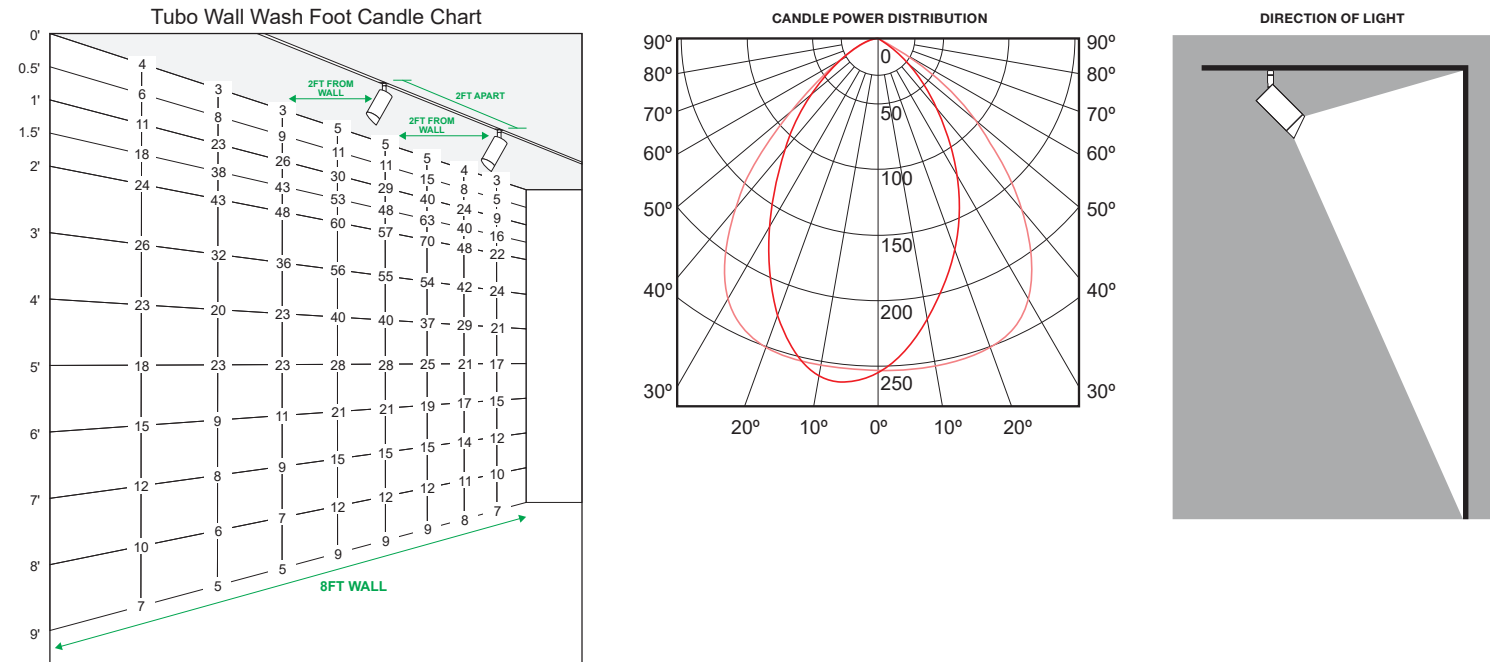


17 Watt



TUBO WALL WASH RGBTW SMART TRACKHEAD Photometric Data at 3000K

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



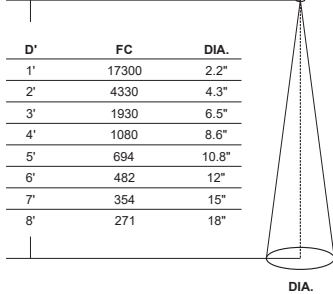
T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

24VDC WITH INTEGRATED LED

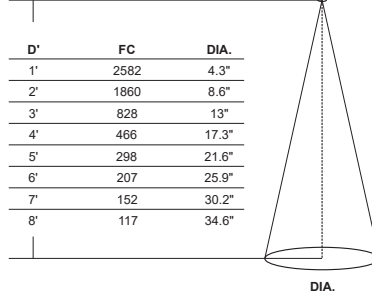
TUBO LARGE Photometric Data at 3000K

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

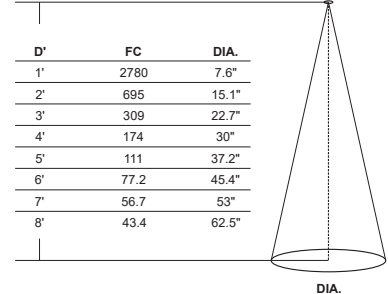
NARROW SPOT BEAM ANGLE 10°



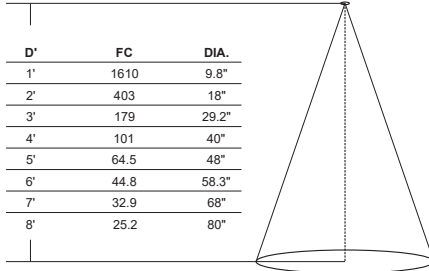
SPOT BEAM ANGLE 20°



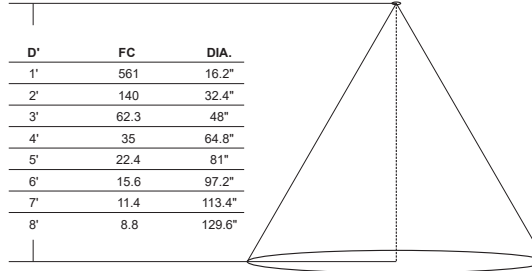
NARROW FLOOD BEAM ANGLE 35°



FLOOD BEAM ANGLE 45°



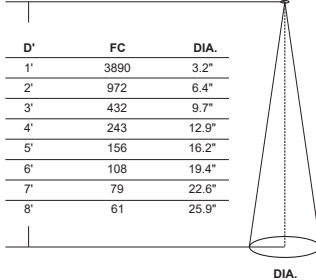
WIDE FLOOD BEAM ANGLE 60°



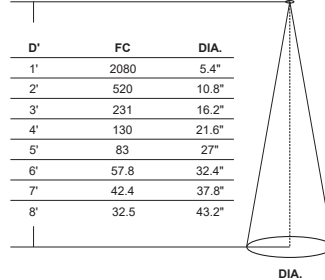
TUBO SMALL Photometric Data at 3000K

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

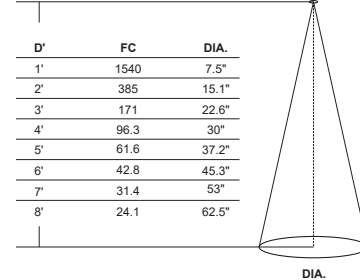
NARROW SPOT BEAM ANGLE 15°



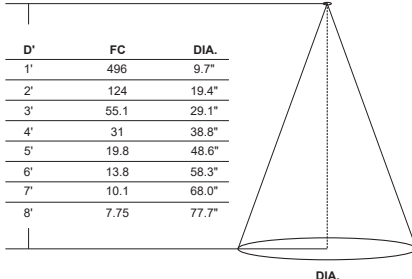
SPOT BEAM ANGLE 25°



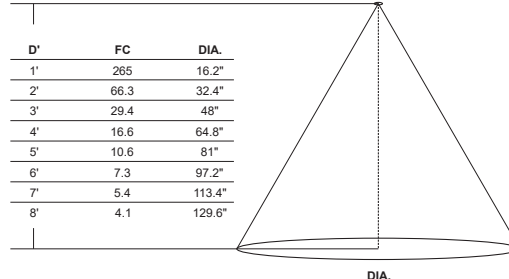
NARROW FLOOD BEAM ANGLE 35°



FLOOD BEAM ANGLE 45°



WIDE FLOOD BEAM ANGLE 60°



T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

24VDC WITH INTEGRATED LED

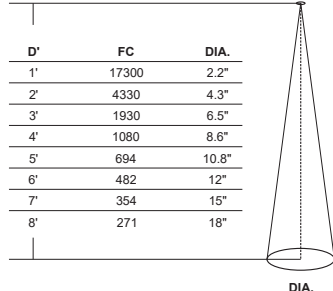
TUBO LARGE DOWNLIGHT Photometric Data at 3000K

D - Distance from fixture

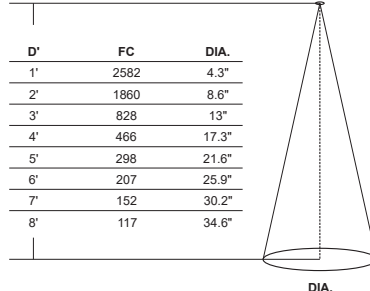
FC - Initial foot candles at the center of beam

DIA - Diameter

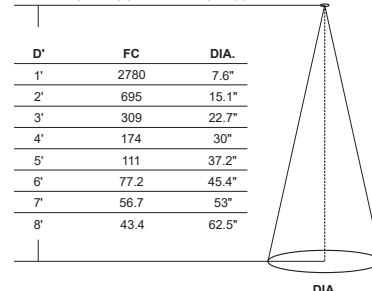
NARROW SPOT BEAM ANGLE 10°



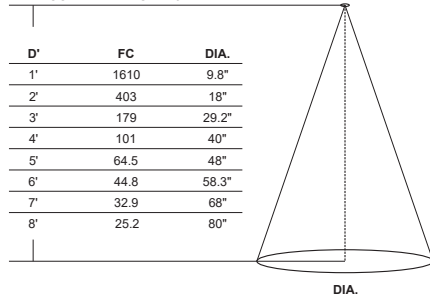
SPOT BEAM ANGLE 20°



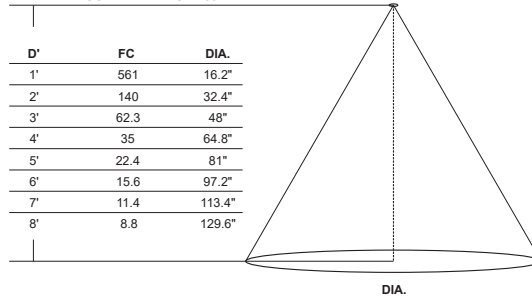
NARROW FLOOD BEAM ANGLE 35°



FLOOD BEAM ANGLE 45°



WIDE FLOOD BEAM ANGLE 60°



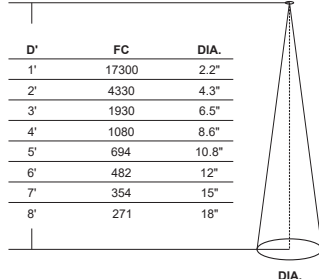
TUBO SMALL DOWNLIGHT Photometric Data at 3000K

D - Distance from fixture

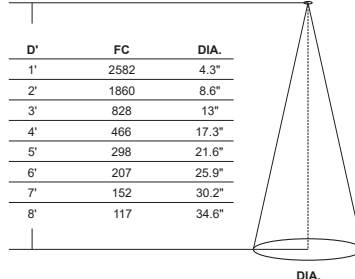
FC - Initial foot candles at the center of beam

DIA - Diameter

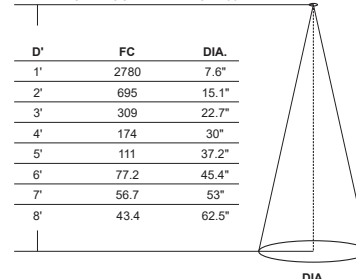
NARROW SPOT BEAM ANGLE 10°



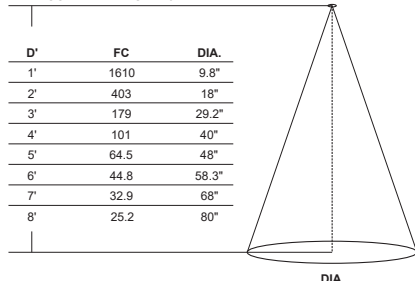
SPOT BEAM ANGLE 20°



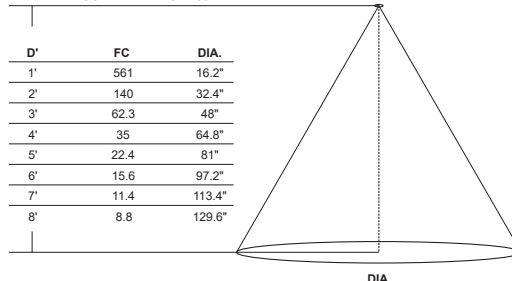
NARROW FLOOD BEAM ANGLE 35°



FLOOD BEAM ANGLE 45°



WIDE FLOOD BEAM ANGLE 60°



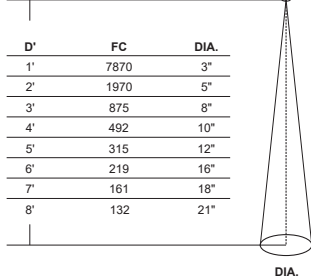
T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

24VDC WITH INTEGRATED LED

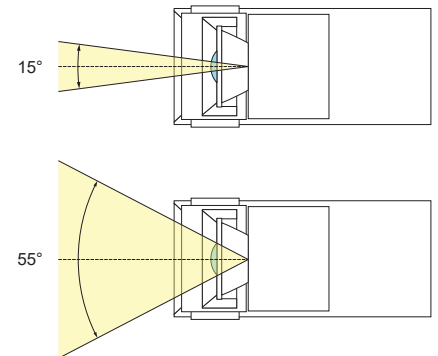
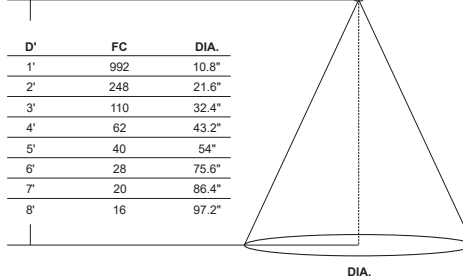
ZOOM Z1 Photometric Data at 3000K

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

15° BEAM ANGLE



55° BEAM ANGLE

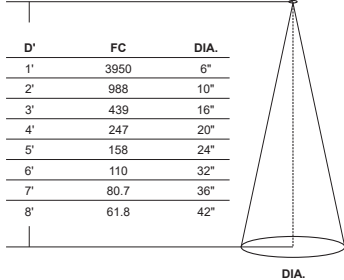


Z1: Adjustable between 15° and 55°

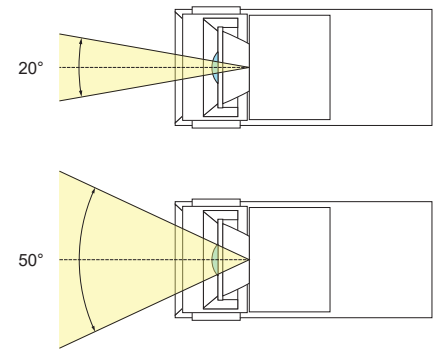
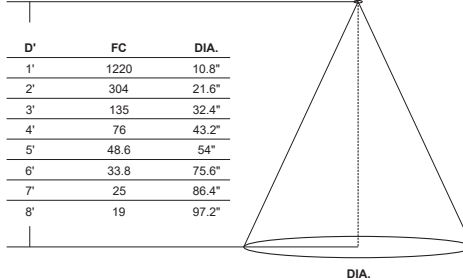
ZOOM Z2 Photometric Data at 3000K

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

20° BEAM ANGLE



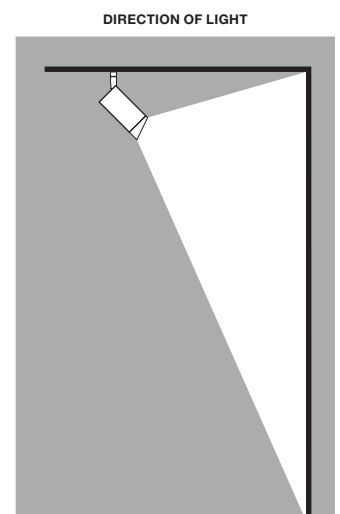
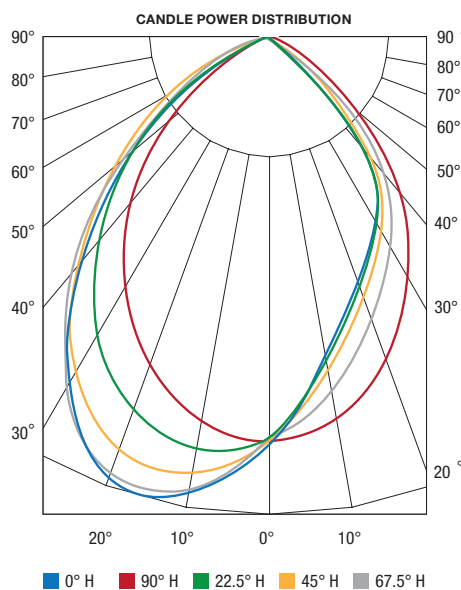
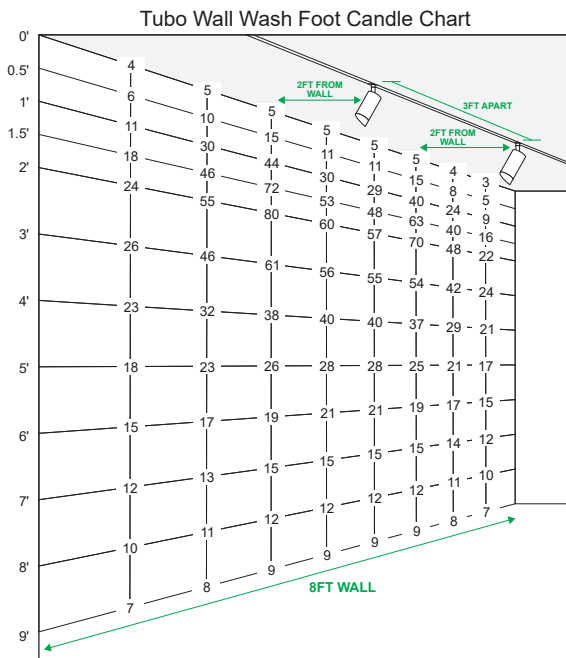
50° BEAM ANGLE



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



T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

24VDC WITH INTEGRATED LED

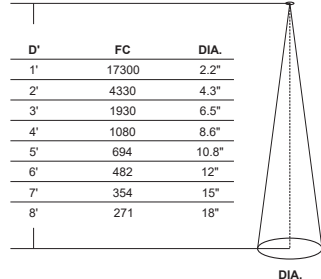
RADIANT LARGE Photometric Data at 3000K

D - Distance from fixture

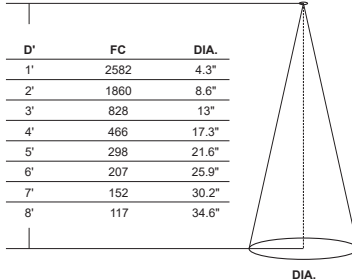
FC - Initial foot candles at the center of beam

DIA - Diameter

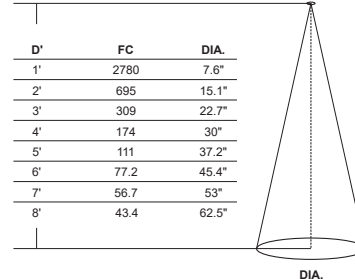
NARROW SPOT BEAM ANGLE 10°



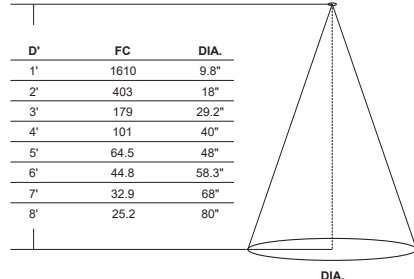
SPOT BEAM ANGLE 20°



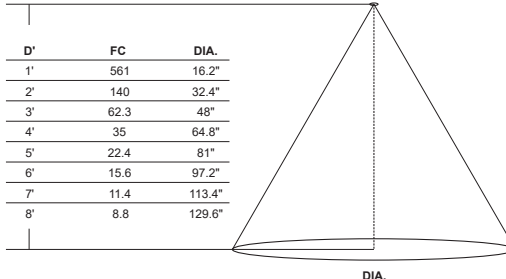
NARROW FLOOD BEAM ANGLE 35°



FLOOD BEAM ANGLE 45°



WIDE FLOOD BEAM ANGLE 60°



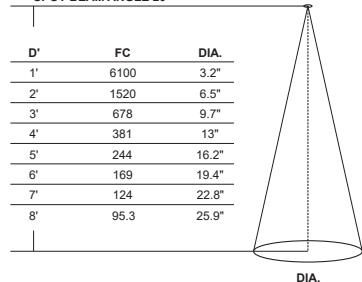
RADIANT MEDIUM Photometric Data at 3000K

D - Distance from fixture

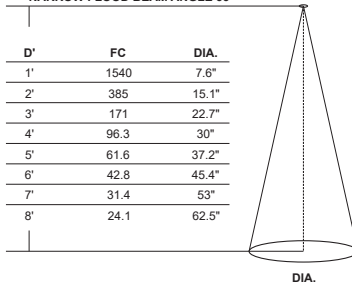
FC - Initial foot candles at the center of beam

DIA - Diameter

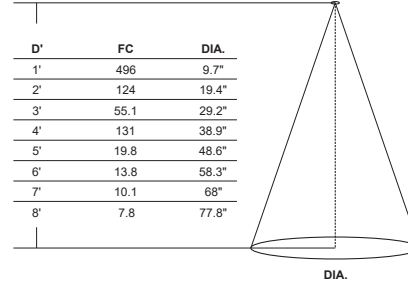
SPOT BEAM ANGLE 20°



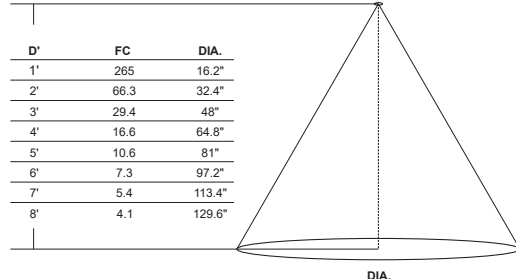
NARROW FLOOD BEAM ANGLE 35°



FLOOD BEAM ANGLE 45°



WIDE FLOOD BEAM ANGLE 60°

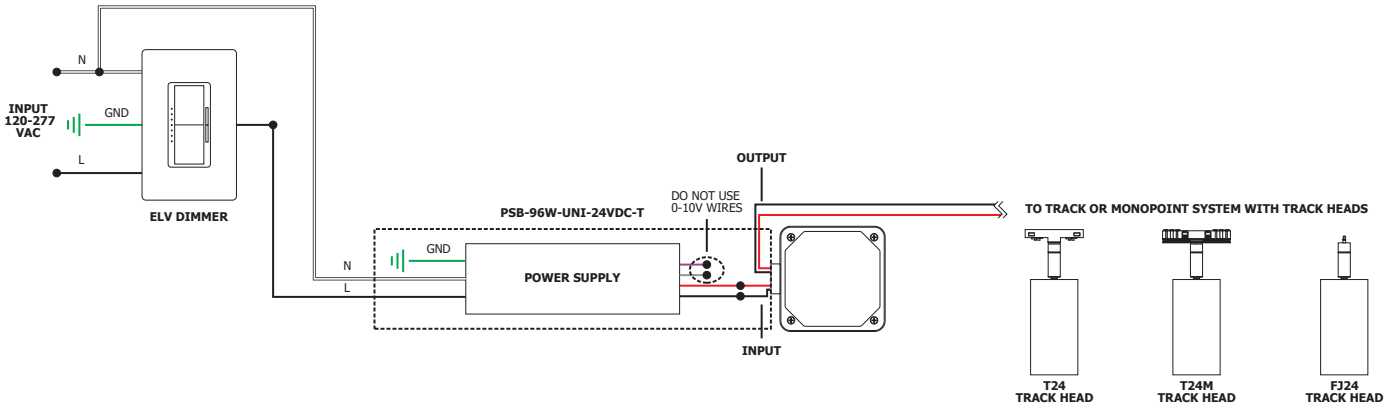


UNIVERSAL POWER SUPPLIES WITH TRIM

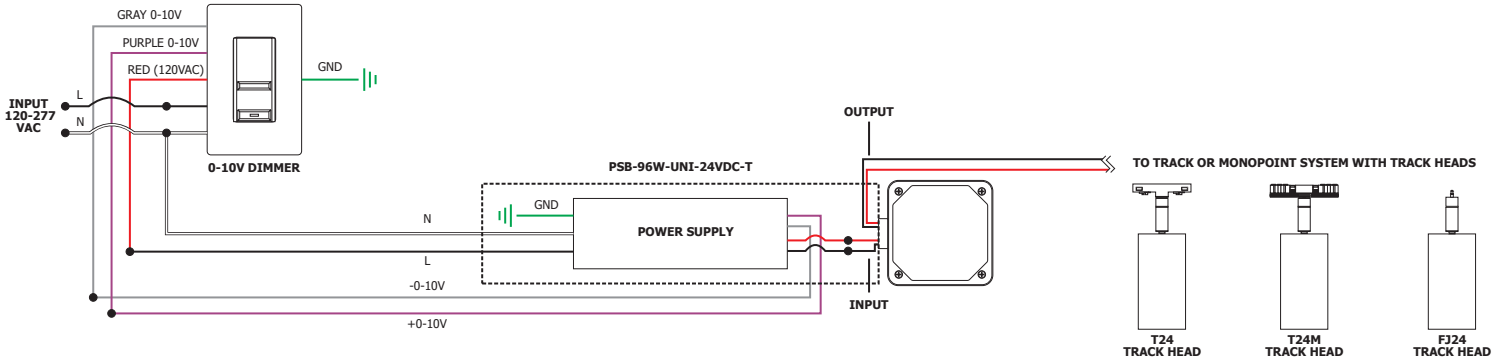
24VDC, UNIVERSAL DIMMING (ELV, TRIAC, 0-10V) STATIC WHITE & WARM DIM FOR TRACK HEADS

REV 04.07.25

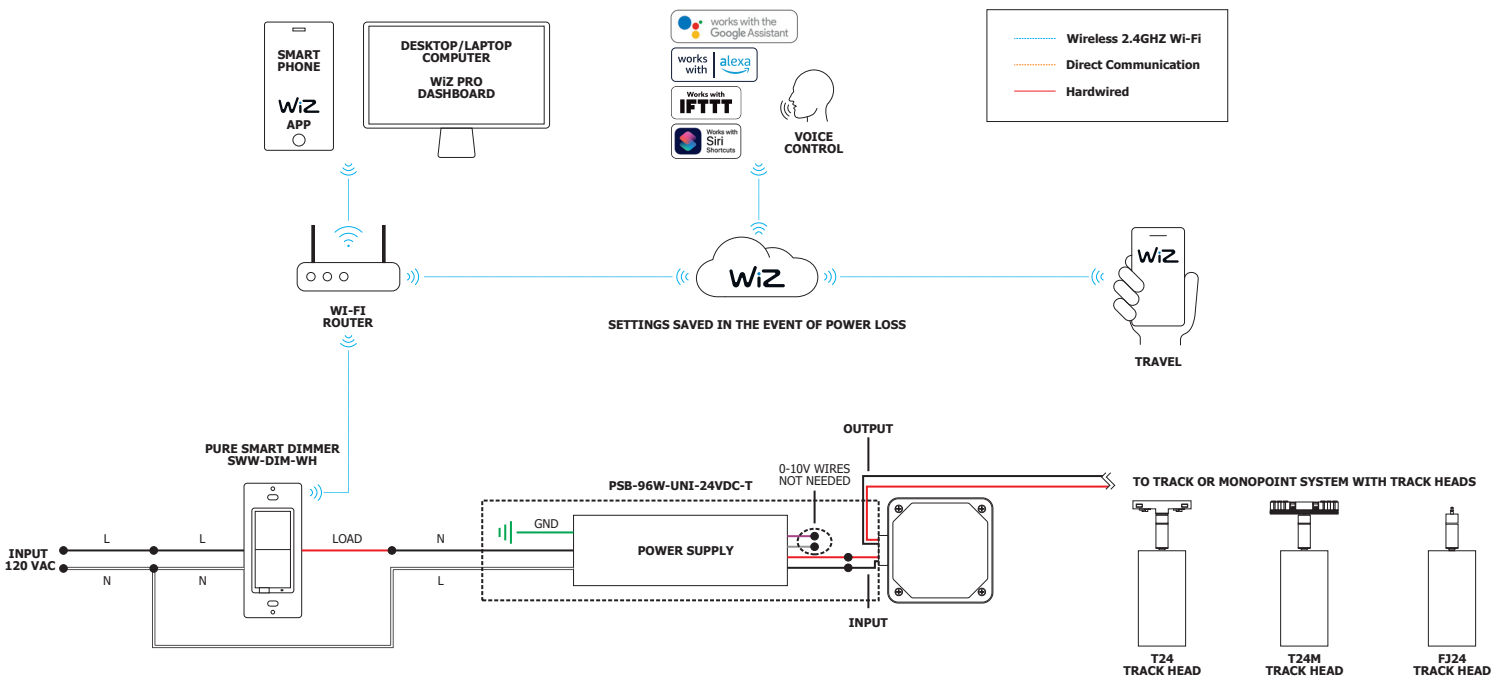
ELV WIRING DIAGRAM



0-10V WIRING DIAGRAM



SMART WIRING DIAGRAM & NETWORK TOPOGRAPHY



PROJECT	FIXTURE TYPE	DATE
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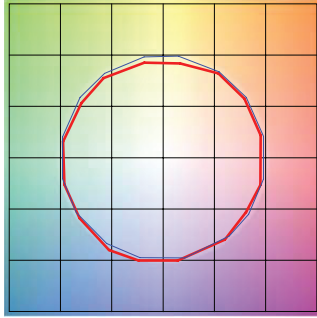
TM30 DATA

24VDC WITH INTEGRATED LED

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

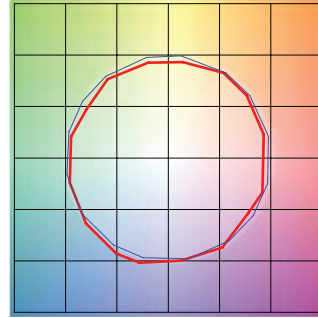


■ Test ■ Reference

		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

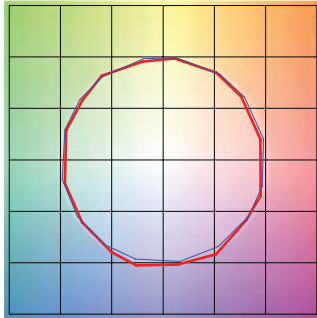


■ Test ■ Reference

		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

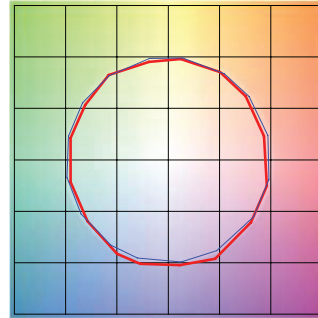


■ Test ■ Reference

		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

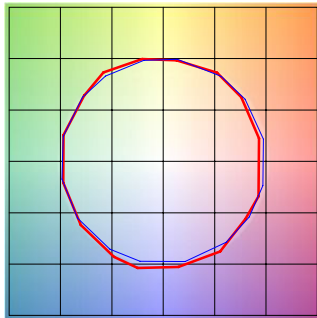


■ Test ■ Reference

		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%