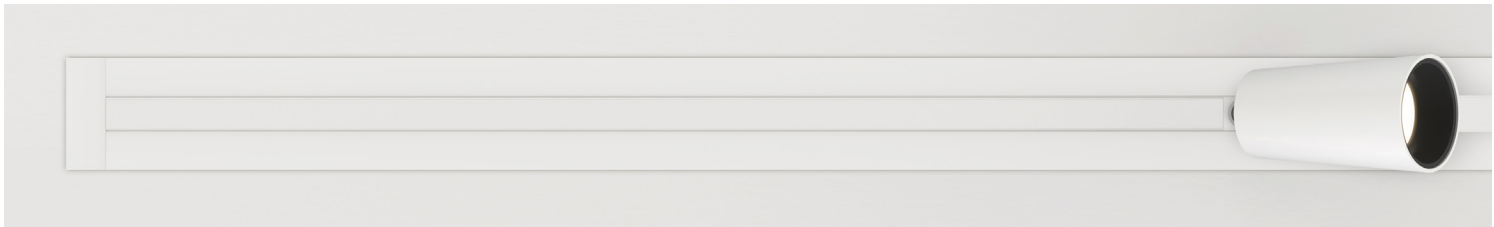


# TRUTRACK® TRIM - MAGNETIC

24VDC REMOTE POWER, RECESSED TWO-CIRCUIT TRACK SYSTEM, 1/2" TRIM

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

REV 05.08.25



## DESCRIPTION

TruTrack® Trim is a 2-circuit, recessed track system that recesses within any flat surface including 5/8" drywall, tile, and millwork, featuring magnetic track head connectors. The patented design is precision engineered to blend seamlessly within the space, eliminating the need for joist modification, and provides more flexibility to make turns along the ceiling. The 1/2" trim flange and slot cover are paint-able, allowing TruTrack® Trim to become one with the architecture. Remote Power Supplies are required and sold separately. Includes a 5-year pro-rated warranty. For custom designs and quotes, email your drawings to [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com).

## FEATURES

- Two-circuit system, with two power supplies, allows for independent switching and dimming
- Magnetic Track Heads allow you to easily adjust the fixture direction, tilt and rotation with one hand - for greater installation flexibility while atop a ladder
- Designed for use with 24VDC Remote Power Supplies up to 40' away
- Magnetic Track Heads are available in five color temperatures including Warm Dim (30D) that dims from 3000K down to 1900K
- Track Head Lumen Output up to 1256 Lumens with multiple fixed and adjustable beam spread options
- Designer-grade Color Rendering 95CRI
- Power Feeds may be ordered in End, Center, L, T and X, up to two 200 watt power supplies (180 watts WiZ Pro) before re-feeding, 800 watts (4 x up to 200W) with center feed
- Recessed TruTrack® Trim 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® Trim Channel to hide Recessed Track Slot and may be painted to match the ceiling
- 10 Gauge busbar to helps eliminate voltage drop

## FINISH & MATERIAL

- Paint-able, White (RAL 9010) or Black Powder Coat
- Extruded Aluminum Channel, conductors are a pair of #10 Gauge Copper busbar

## TRACK HEAD INTEGRAL LED

- Static White Color Temperatures: 24K, 27K, 30K, 35K
- Warm Dim: 30D (3000K-1900K)
- Rated for 50,000 hours at L70 (70% lumen maintenance)

## POWER SUPPLY AND DIMMING (SOLD SEPARATELY)

- 24VDC, Class 2 wiring
- [Uni Trim Power Supply](#) Universal Dimming (TRIAC, ELV, 0-10V) ELV & TRIAC [Smart Dimmer & Switch](#)

## APPLICATIONS

Designed for any indoor flat surface including but not limited to tile, drywall and millwork. 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 Watt UL2108

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

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

# TRUTRACK® TRIM - MAGNETIC

24VDC REMOTE POWER, RECESSED TWO-CIRCUIT TRACK SYSTEM, 1/2" TRIM



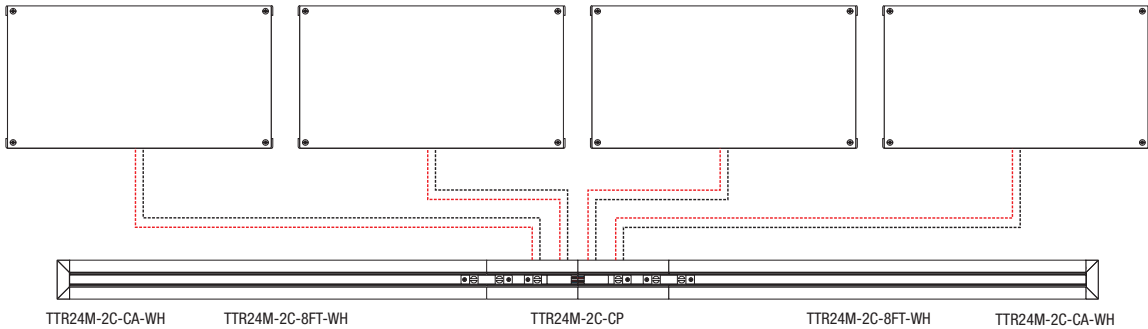
**EASY KIT** Straight with power, order fixture and power supplies separately

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



System	Circuit	Power Feed	Length in Feet	Finish
<b>TTR24M</b>	<b>2C</b>	<b>EP</b>	<b>30FT</b>	<b>WH</b>
TTR24M TruTrack® Trim Recessed 24VDC Magnetic	2C Two Circuit	EP End Power Feed	4-30FT 4-30' Order in 2' increments	BK Black WH White RAL 9010

24VDC REMOTE POWER SUPPLIES  
ORDER SEPARATELY  
UP TO TWO 200 WATTS EACH  
(WIZ PRO 180 WATTS EACH)

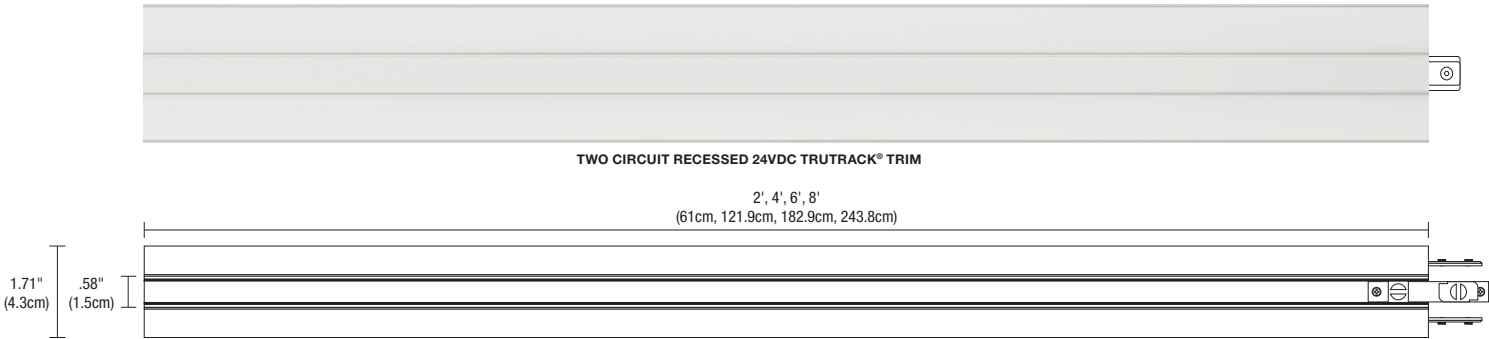


System	Circuit	Power Feed	Length in Feet	Finish
<b>TTR24M</b>	<b>2C</b>	<b>CP</b>	<b>60FT</b>	<b>WH</b>
TTR24M TruTrack® Trim Recessed 24VDC Magnetic	2C Two Circuit	CP Center Power Feed	4-60FT 4-60' Order in 2' increments	BK Black WH White RAL 9010

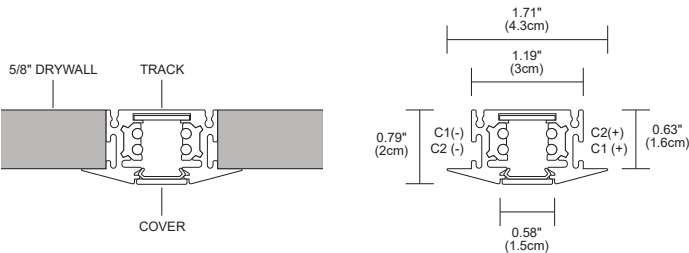
PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

TRUTRACK® MAGNETIC DIY  
24VDC REMOTE POWER, RECESSED TWO-CIRCUIT TRACK SYSTEM, 1/2" TRIM

COMPONENTS



COMPONENTS



TWO CIRCUIT TRACK WITH TRIM

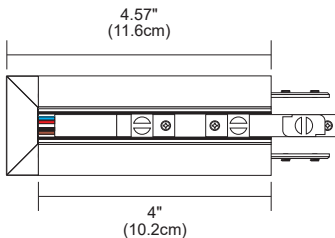
Recessed two-circuit track with 1/2" paint-able trim, made of extruded aluminum with 10 gauge buss bar to help eliminate voltage drop. Includes two paint-able opaque slot covers for concealing conductive connectors. Designed for use with 24VDC Remote Power Supply, sold separately.

System	Circuit	Length in Feet	Color
<b>TTR24M</b>	<b>2C</b>	<b>8FT</b>	<b>BK</b>
TTR24M TruTrack® Trim Recessed 24VDC Magnetic	2C Two Circuit	2FT 2' 4FT 4' 6FT 6' 8FT 8'	BK Black WH White RAL 9010

OPAQUE SLOT COVER (INCLUDED)

Two paintable 1/2" Opaque Slot Covers are included with each Recessed Track.

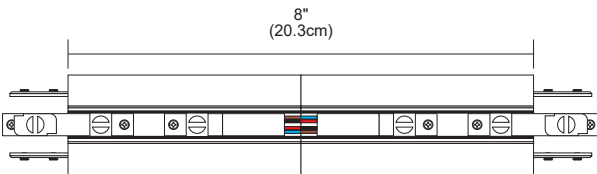
System	Type	Length in Feet	Color
<b>T24</b>	<b>SCO</b>	<b>8FT</b>	<b>BK</b>
T24 Track 24VDC	SCO Opaque Cover for Track Slot	8FT 8'	BK Black WH White RAL 9010



END POWER FEED WITH JUNCTION BOX

6" starter section included. Feed 24VDC Track with two up to 200 watt (WiZ Pro 180 watts) power supply feeds. May be used on cement ceiling with only 5/8" dry wall (Jbox not used) comes with T24M-2C-P power feed connector. Can be used with 5/8"- 1-1/4" drywall.

System	Circuit	Type	Color
<b>TTR24M</b>	<b>2C</b>	<b>EP</b>	<b>WH</b>
TTR24M TruTrack® Trim Recessed 24VDC Magnetic	2C Two Circuit	EP End Power Feed up to 200 Watts, 24VDC, 6" Long track	BK Black WH White RAL 9010



CENTER POWER FEED WITH JUNCTION BOX

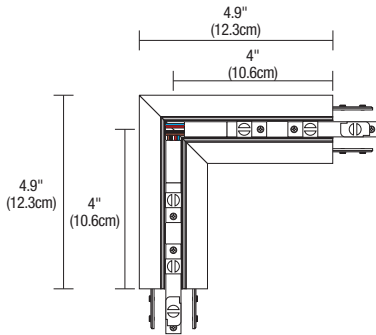
12" starter section included, feed track with up to four 200 watt (WiZ Pro 180 watts) power supply feeds. 24VDC comes with two T24M-2C-P power feed connectors. Can be used with 5/8"- 1-1/4" drywall.

System	Circuit	Type	Color
<b>TTR24M</b>	<b>2C</b>	<b>CP</b>	<b>WH</b>
TTR24M TruTrack® Trim Recessed 24VDC Magnetic	2C Two Circuit	CP Center Dual Power Feed up to 2x200 Watts with 12" Long track	BK Black WH White RAL 9010

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

TRUTRACK® MAGNETIC DIY  
24VDC REMOTE POWER, RECESSED TWO-CIRCUIT TRACK SYSTEM, 1/2" TRIM

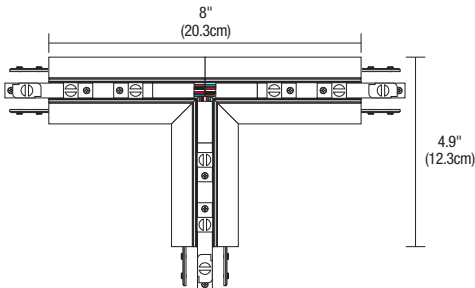
COMPONENTS



L-SHAPED POWER FEED CONNECTOR

12" TruTrack® Trim starter section included, feed track with up to four 200 watt (WiZ Pro 180 watts) power supply feeds. 24VDC comes with two T24M-2C-P power feed connectors. Can be used with 5/8" drywall.

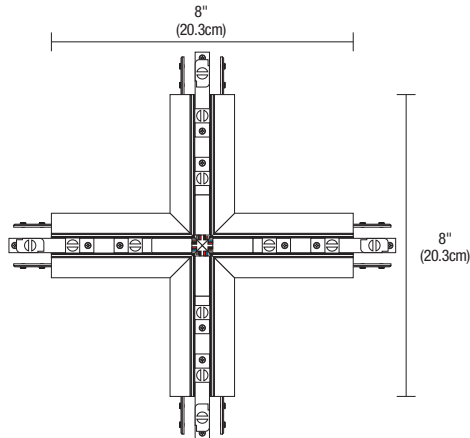
System	Circuit	Type	Color
<b>TTR24M</b>	<b>2C</b>	<b>LPD</b>	<b>WH</b>
<b>TTR24M</b> TruTrack® Trim Recessed 24VDC Magnetic	<b>2C</b> Two Circuit	<b>LPD</b> L-Shaped Dual Power Connector up to 4x200 Watts, 6" Long Track	<b>BK</b> Black <b>WH</b> White RAL 9010



T-SHAPED POWER FEED WITH JUNCTION BOX

T-Shaped Power feed for TruTrack® Trim, feeds six up to 200 watts (WiZ Pro 180 watts) 24VDC, 3 directions, mounting to a 4" Square Junction Box comes with three T24M-2C-P power feed connectors. Can be used with 5/8" - 1-1/4" drywall.

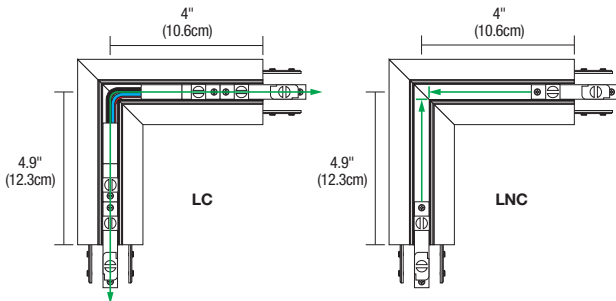
System	Circuit	Type	Color
<b>TTR24M</b>	<b>2C</b>	<b>TP</b>	<b>BK</b>
<b>TTR24M</b> TruTrack® Trim Recessed 24VDC Magnetic	<b>2C</b> Two Circuit	<b>TP</b> T-Shaped Power Feed Triple Feed up to 6x200 Watts, 24VDC with 6" Long Track	<b>BK</b> Black <b>WH</b> White RAL 9010



X-SHAPED POWER FEED WITH JUNCTION BOX

X-Shaped Power feed for TruTrack® Trim, feeds eight up to 200 watts (WiZ Pro 180 watts) 24VDC, 4 directions, mounting to a 4" Square Junction Box comes with four T24M-2C-P power feed connectors. Can be used with 5/8" - 1-1/4" drywall.

System	Circuit	Type	Color
<b>TTR24M</b>	<b>2C</b>	<b>XP</b>	<b>BK</b>
<b>TTR24M</b> TruTrack® Trim Recessed 24VDC Magnetic	<b>2C</b> Two Circuit	<b>XP</b> X-Shaped Power Feed Quad Feed up to 8x200 Watts, 24VDC, with 6" Long Track	<b>BK</b> Black <b>WH</b> White RAL 9010



L-CONNECTOR

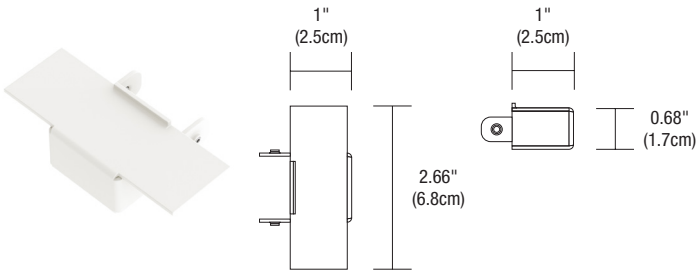
Conductive or Non-Conductive L-Connector joins two straight TruTrack® Trim Channels together to make a 90° angle. Order Non-Conductive when adding two Power Supplies in a square configuration.

System	Circuit	Type	Color
<b>TTR24M</b>	<b>2C</b>	<b>LC</b>	<b>WH</b>
<b>TTR24M</b> TruTrack® Trim Recessed 24VDC Magnetic	<b>2C</b> Two Circuit	<b>LC</b> L-Connector Conductive <b>LNC</b> L-Connector Non-Conductive	<b>BK</b> Black <b>WH</b> White RAL 9010

PROJECT	FIXTURE TYPE	DATE
---------	--------------	------

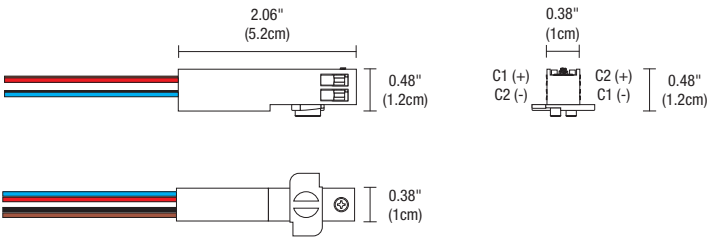
TRUTRACK® MAGNETIC DIY  
24VDC REMOTE POWER, RECESSED TWO-CIRCUIT TRACK SYSTEM, 1/2" TRIM

COMPONENTS



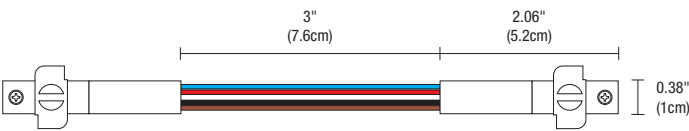
**END CAP**  
Required for each dead end of TTR24M Track System.

System	Circuit	Type	Color
<b>TTR24M</b>	<b>2C</b>	<b>CA</b>	<b>WH</b>
TTR24M TruTrack® Trim Recessed 24VDC Magnetic	2C Two Circuit	CA End Cap	BK Black WH White



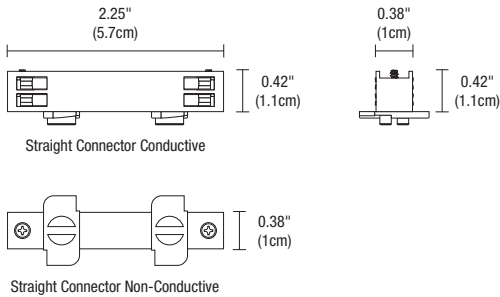
**END POWER FEED**  
Included with each end of Track System.

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



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

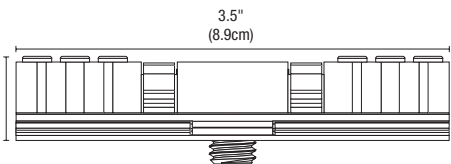
System	Circuit	Connector
<b>T24M</b>	<b>2C</b>	<b>JC</b>
T24M Track 24VDC Magnetic	2C Two Circuit	JC Jumper Connector



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

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

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	BK Black WH White RAL 9010

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

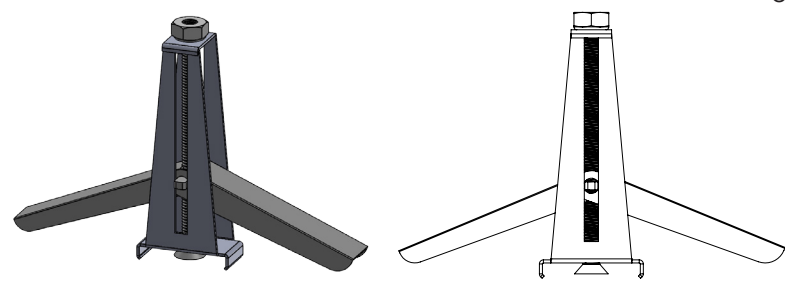


**TRUTRACK® MAGNETIC DIY**  
24VDC REMOTE POWER, RECESSED TWO-CIRCUIT TRACK SYSTEM, 1/2" TRIM

EXTRA PARTS

REV 05.08.25  
Indicates 24VDC Power Flow

**TOGGLE BOLT BRACKET (INCLUDED WITH MAIN ORDERING CODE)**  
One bracket included for every 32 inches.



System		Type
<b>TTR24M</b>	-	<b>BRAC</b>
TTR24M TruTrack Trim Magnetic		BRAC Bracket

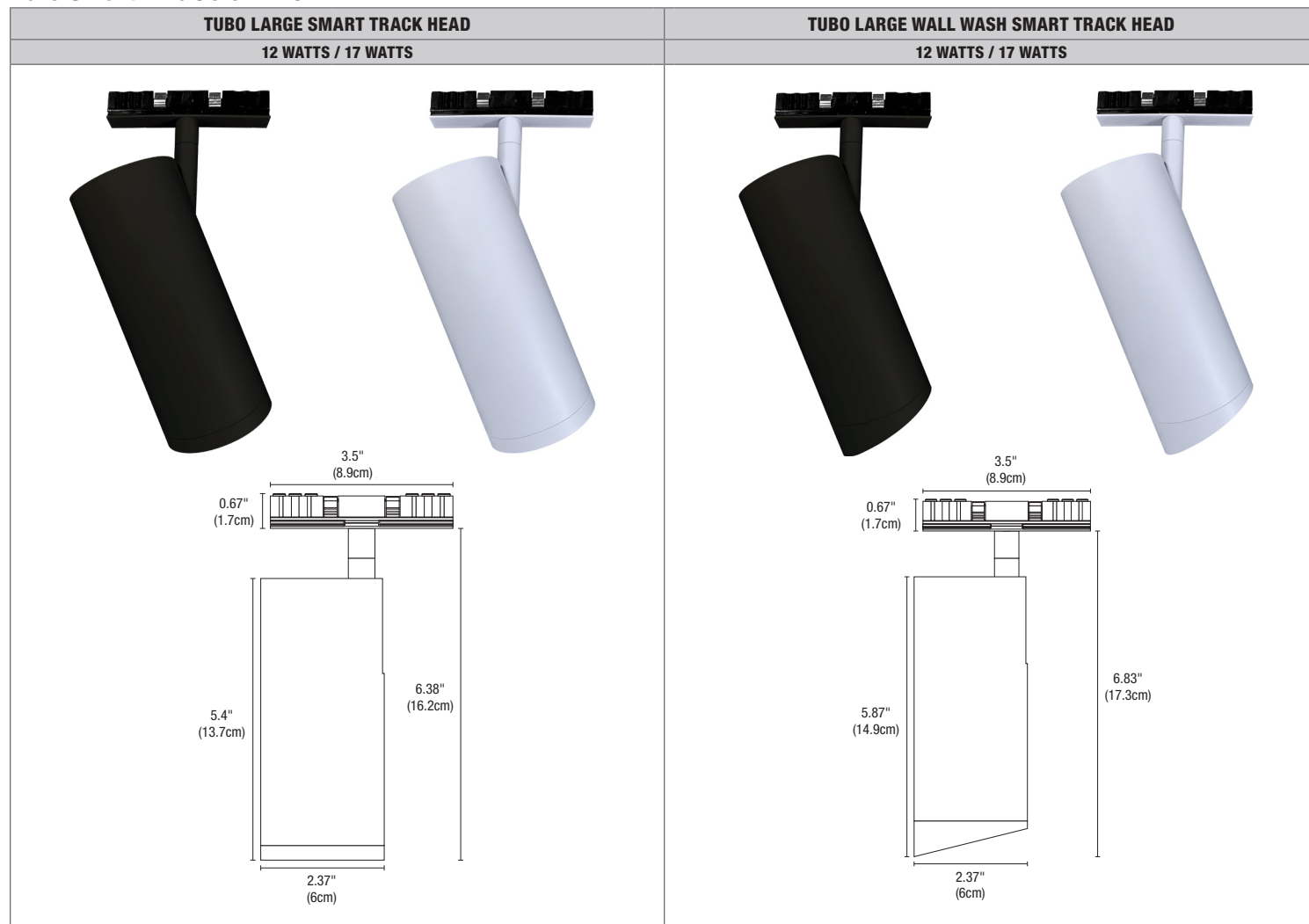
PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

# T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

## 24VDC WITH INTEGRATED LED

PureEdge T24M Track Heads are Compatible with Surface/Suspended Magnetic track (TS24M-2C) and TruTrack® Trim (TTR24M). 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
<b>T24M</b>	<b>2C</b>	<b>TU2L</b>	<b>12W</b>	<b>NF</b>	<b>WZ</b>	<b>TC</b>	<b>BK</b>
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	WZ WIZ Smart Control	TC TruColor™ RGBTW Red, Green, Blue & Tunable White 1500K- 6500K	BK Black Powder Coat WH Warm White Powder Coat RAL 9010

\*Not available  
for WH Finish

\*Has Aura Effect  
without diffusion film

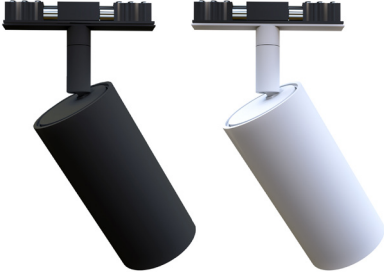

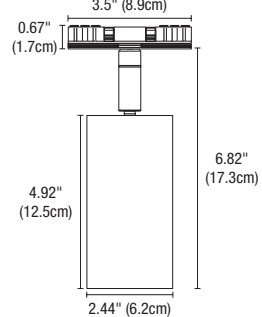
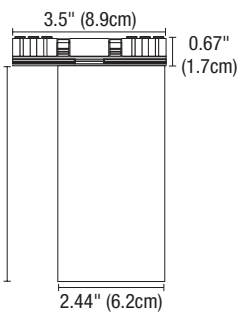
WATTS	12W									17W								
	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS	445	462	507	596	670	737	751	596	494	830	862	962	1130	1271	1401	1531	1307	1082
LUMENS PER WATT (lm/w)	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

PROJECT	FIXTURE TYPE										DATE	
---------	--------------	--	--	--	--	--	--	--	--	--	------	--

# T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

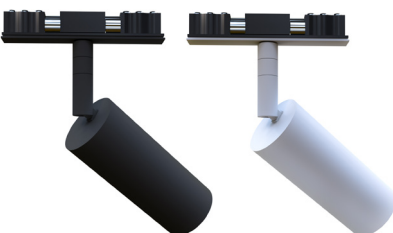
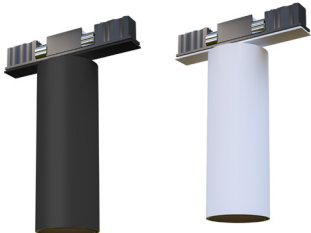
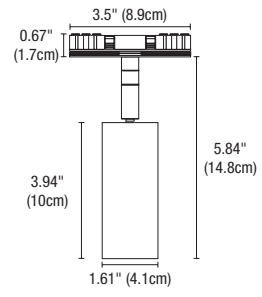
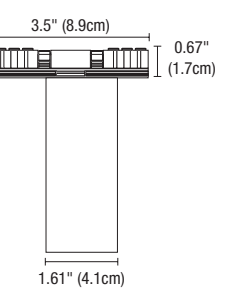
## 24VDC WITH INTEGRATED LED

PureEdge T24M Track Heads are Compatible with Surface/Suspended Magnetic track (TS24M-2C) and TruTrack® Trim (TTR24M). 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) 6.82" (17.3cm) 2.44" (6.2cm)</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

	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) 5.84" (14.8cm) 1.61" (4.1cm)</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° *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 Warm White Powder Coat RAL 9010

	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

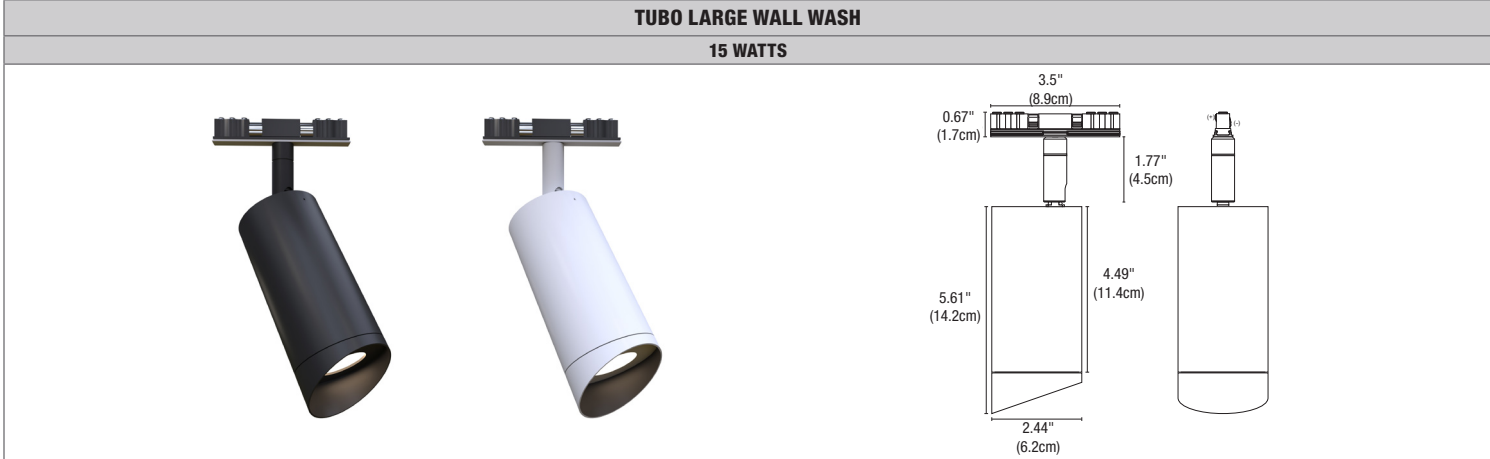
PROJECT	FIXTURE TYPE	DATE
---------	--------------	------



# T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

24VDC WITH INTEGRATED LED

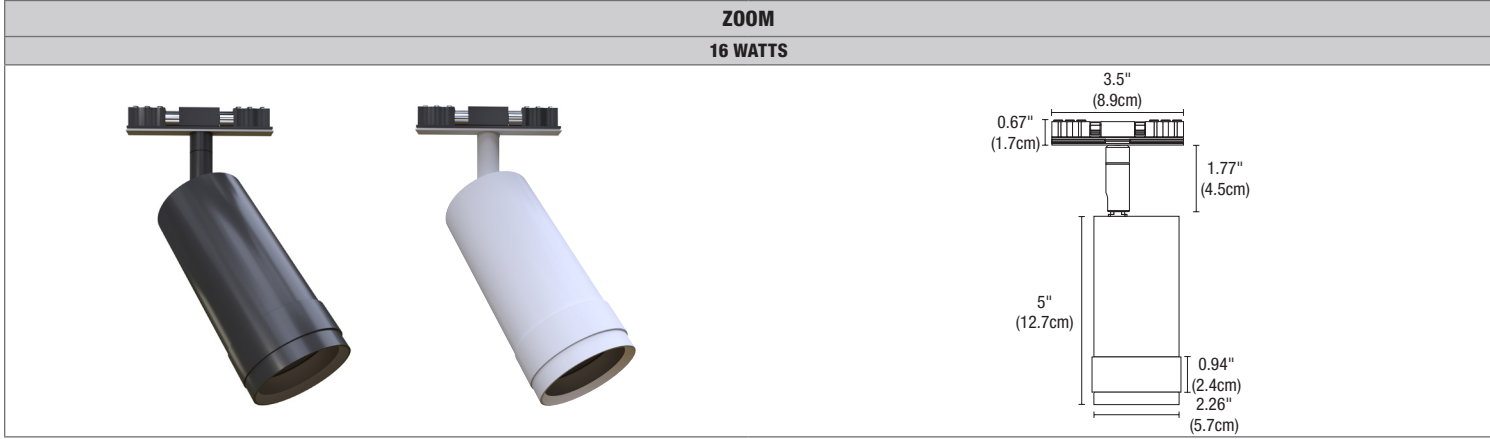
REV 05.08.25



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

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



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  
**BK** Black Powder Coat  
**WH** Warm White Powder Coat RAL 9010  
 \*Only available for Z2

	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	
---------	--	--------------	--	------	--

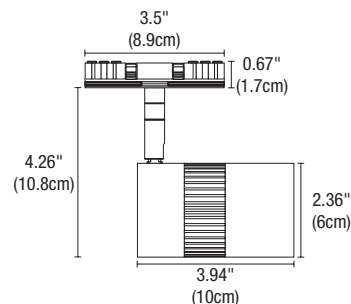
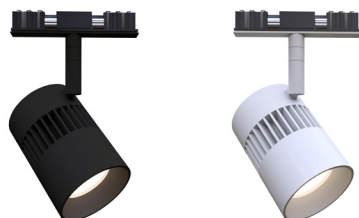
# T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

## 24VDC WITH INTEGRATED LED

All uniform beam spread options are field changeable.

### RADIANT LARGE

14 WATTS

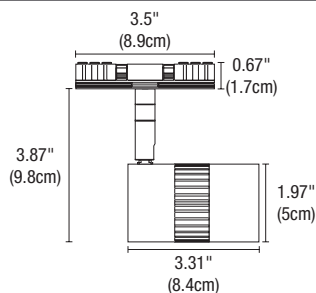


System	Type	Fixture	Beam Spread	Color Temperature	Finish
<b>T24M</b>	<b>2C</b>	<b>RADL</b>	<b>FL</b>	<b>30K</b>	<b>WH</b>
T24M Track Head 24V Magnetic Connector	2C 2 Circuit	RADL Radiant Large	NS Narrow Spot 10° SP Spot 20° NF Narrow Flood 35° FL Flood 45° WF Wide Flood 60° Warm Dim: NS (15°), SP (25°)	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 Warm White Powder Coat RAL 9010

	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	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 Warm White Powder Coat RAL 9010

	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
---------	--------------	------

# T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

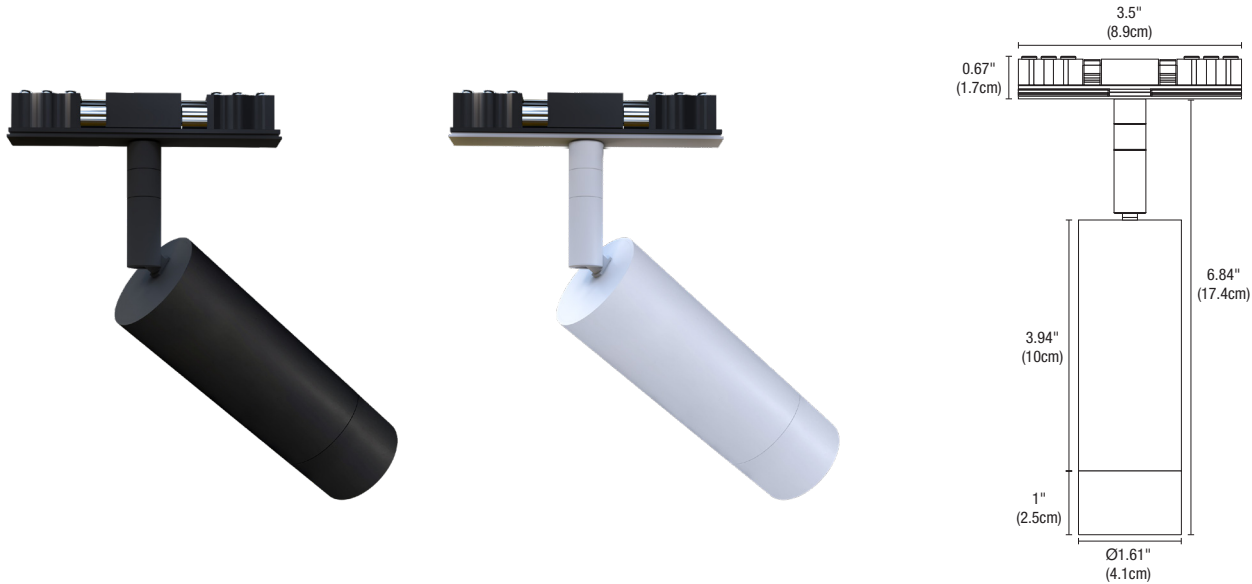
## 24VDC WITH INTEGRATED LED

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

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

\*SNOOT IS INCLUDED IN NS 30D ORDERING CODE & REQUIRED FOR USE\*






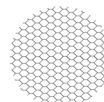


PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--






# T24M TRACK HEADS, 2 CIRCUIT MAGNETIC



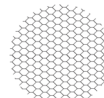


## 24VDC WITH INTEGRATED LED


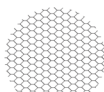

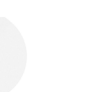
### Additional Lenses and Accessories

REV 05.08.25

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-NS-WD 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		
---------	--	--	--	--------------	--	--	------	--	--

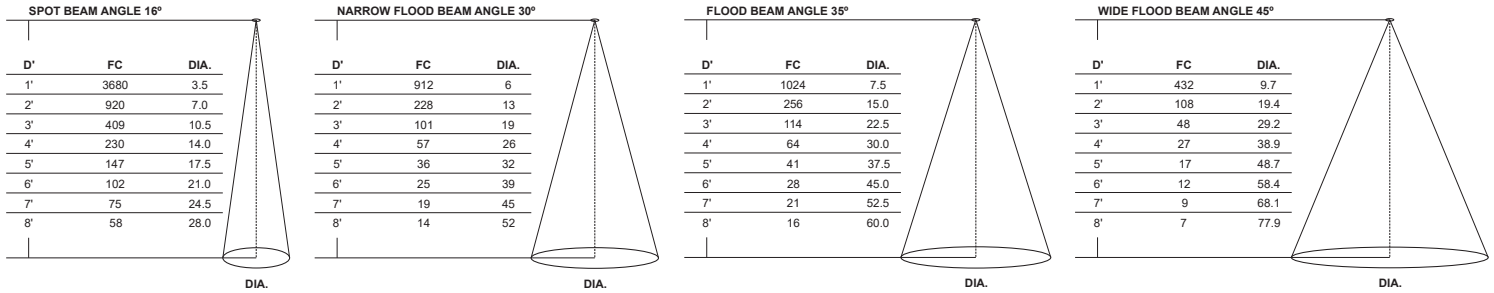
# T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

## 24VDC WITH INTEGRATED LED

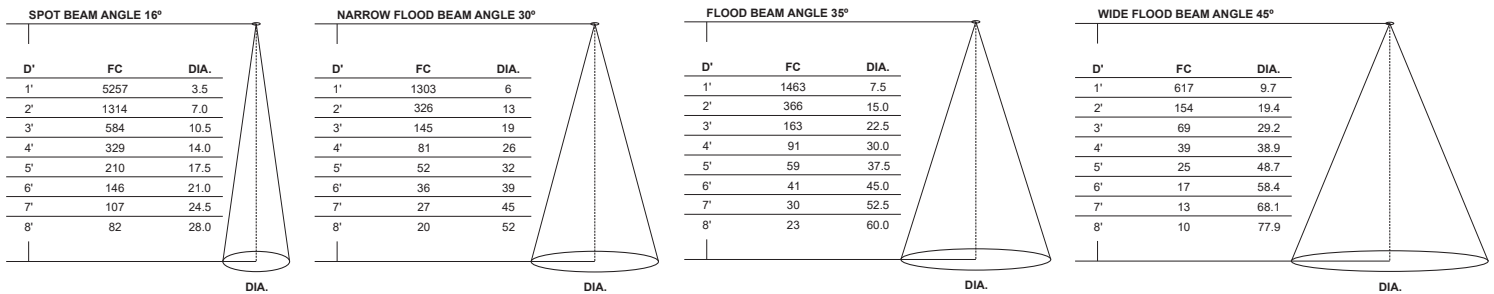
### TUBO LARGE RGBTW SMART TRACKHEAD Photometric Data at 3000K

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

#### 12 Watt

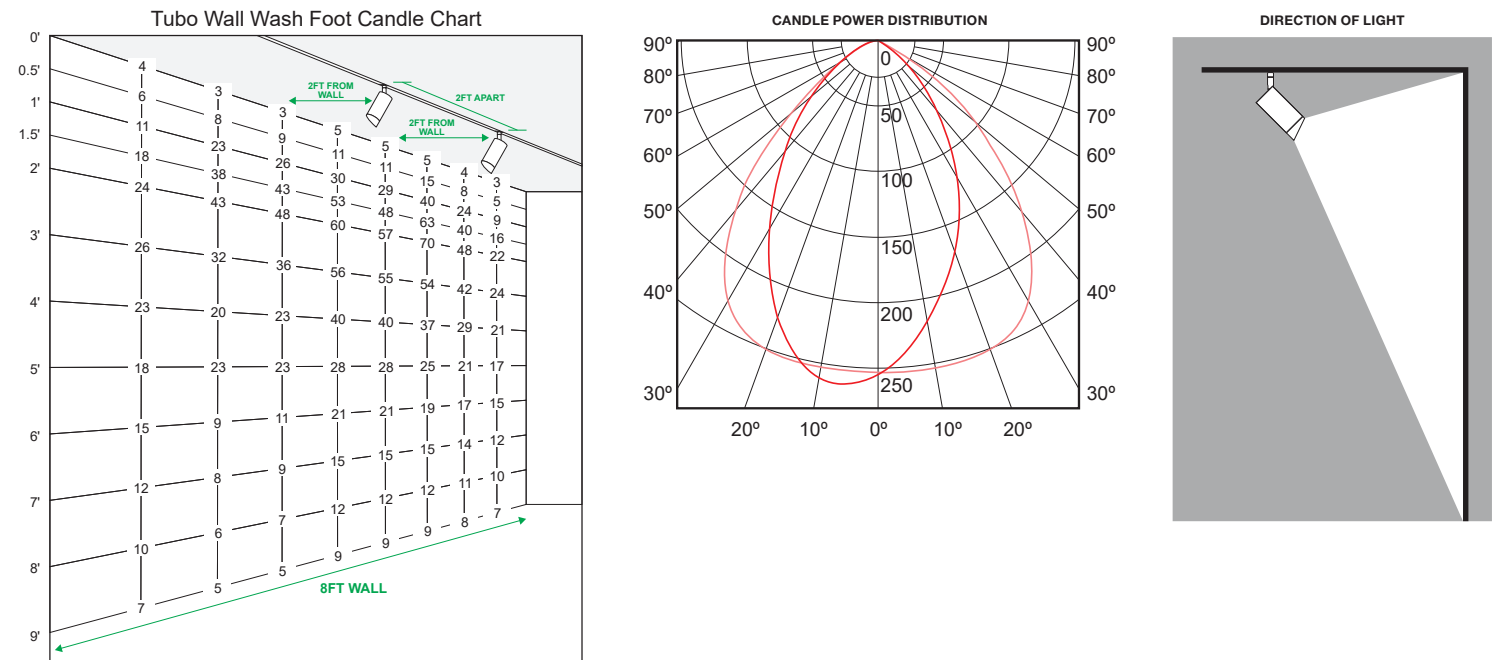


#### 17 Watt



### 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

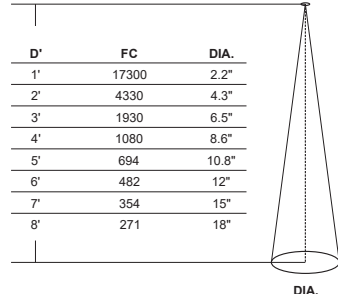
### TUBO LARGE Photometric Data at 3000K

**D** - Distance from fixture

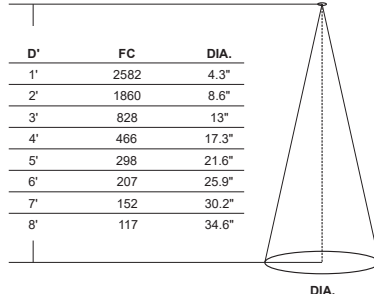
**FC** - Initial foot candles at the center of beam

**DIA** - Diameter

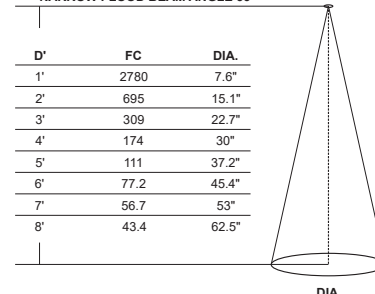
**NARROW SPOT BEAM ANGLE 10°**



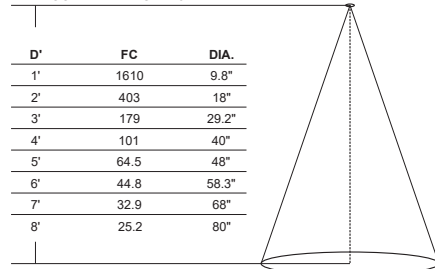
**SPOT BEAM ANGLE 20°**



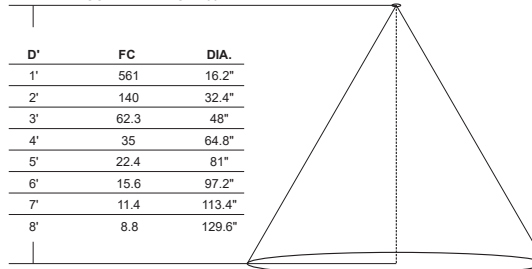
**NARROW FLOOD BEAM ANGLE 35°**



**FLOOD BEAM ANGLE 45°**



**WIDE FLOOD BEAM ANGLE 60°**



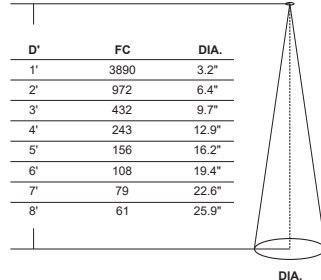
### TUBO SMALL Photometric Data at 3000K

**D** - Distance from fixture

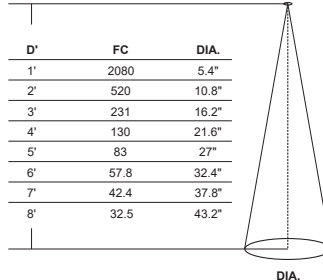
**FC** - Initial foot candles at the center of beam

**DIA** - Diameter

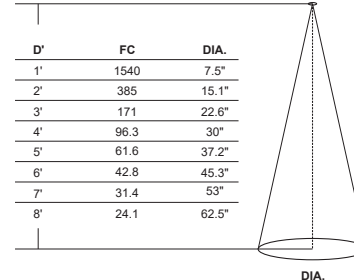
**NARROW SPOT BEAM ANGLE 15°**



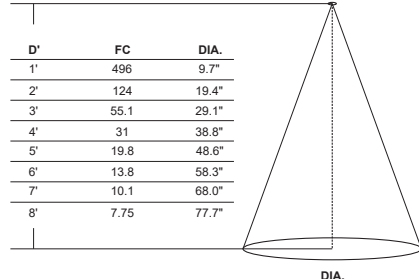
**SPOT BEAM ANGLE 25°**



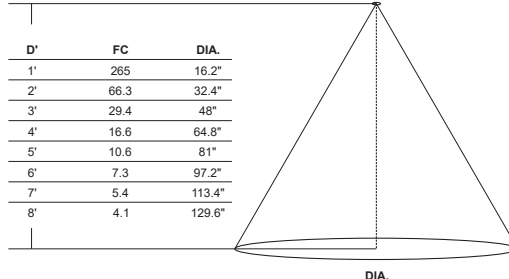
**NARROW FLOOD BEAM ANGLE 35°**



**FLOOD BEAM ANGLE 45°**



**WIDE FLOOD BEAM ANGLE 60°**





# T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

## 24VDC WITH INTEGRATED LED

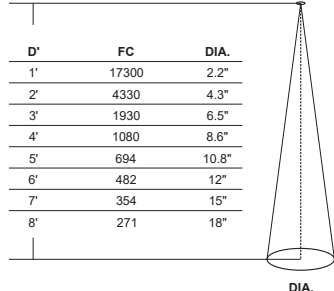
### TUBO LARGE DOWNLIGHT Photometric Data at 3000K

**D** - Distance from fixture

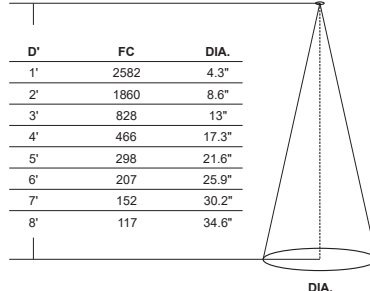
**FC** - Initial foot candles at the center of beam

**DIA** - Diameter

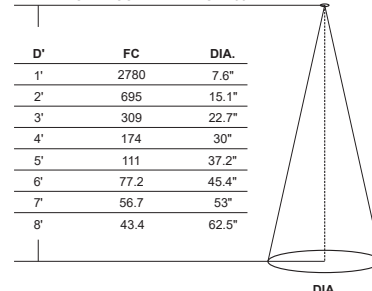
**NARROW SPOT BEAM ANGLE 10°**



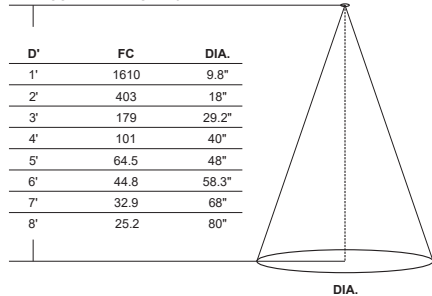
**SPOT BEAM ANGLE 20°**



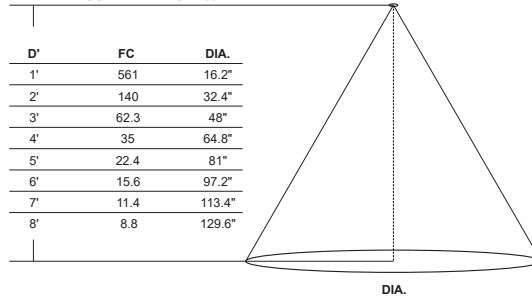
**NARROW FLOOD BEAM ANGLE 35°**



**FLOOD BEAM ANGLE 45°**



**WIDE FLOOD BEAM ANGLE 60°**



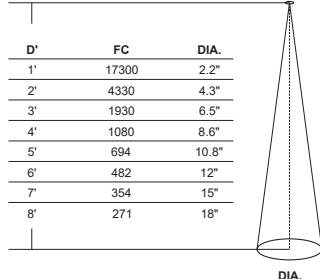
### TUBO SMALL DOWNLIGHT Photometric Data at 3000K

**D** - Distance from fixture

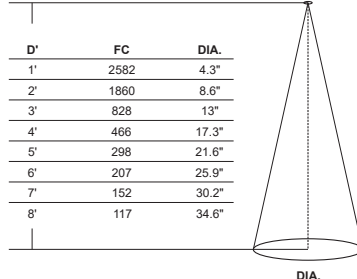
**FC** - Initial foot candles at the center of beam

**DIA** - Diameter

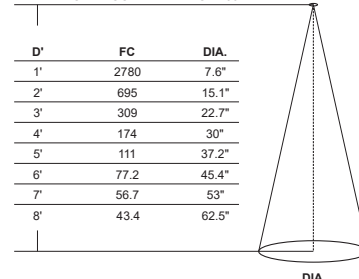
**NARROW SPOT BEAM ANGLE 10°**



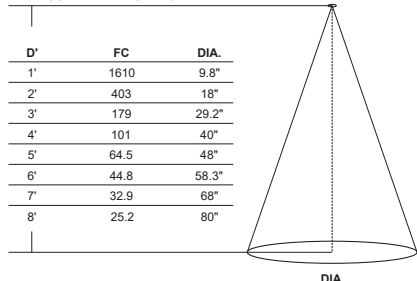
**SPOT BEAM ANGLE 20°**



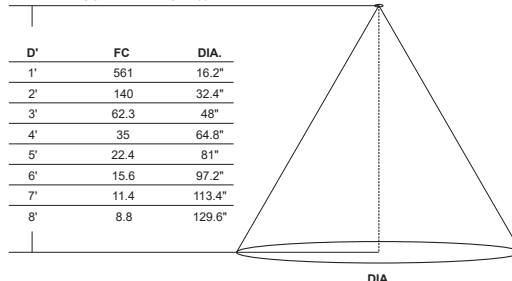
**NARROW FLOOD BEAM ANGLE 35°**



**FLOOD BEAM ANGLE 45°**



**WIDE FLOOD BEAM ANGLE 60°**



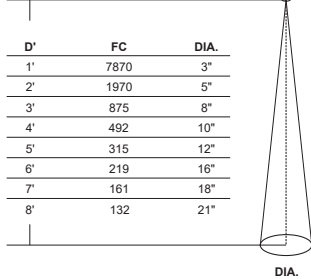
# T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

## 24VDC WITH INTEGRATED LED

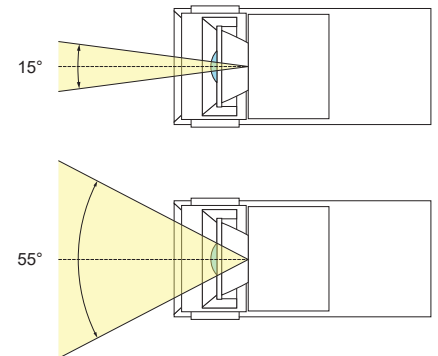
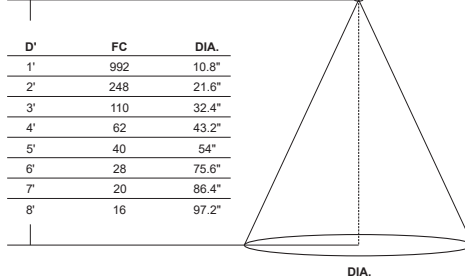
### ZOOM Z1 Photometric Data at 3000K

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

15° BEAM ANGLE



55° BEAM ANGLE

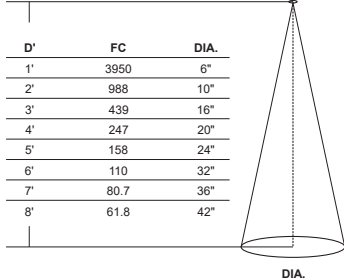


Z1: Adjustable between 15° and 55°

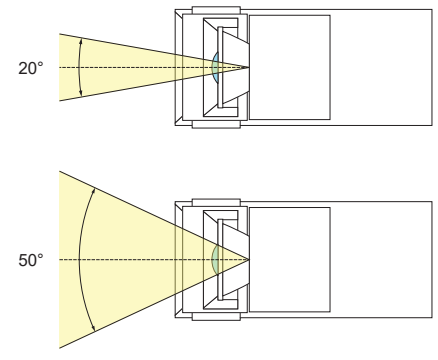
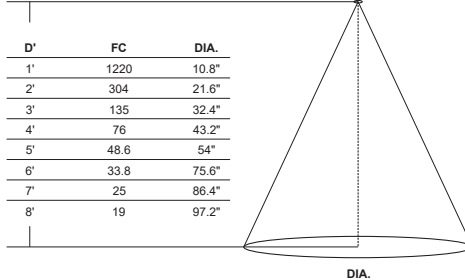
### ZOOM Z2 Photometric Data at 3000K

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

20° BEAM ANGLE



50° BEAM ANGLE

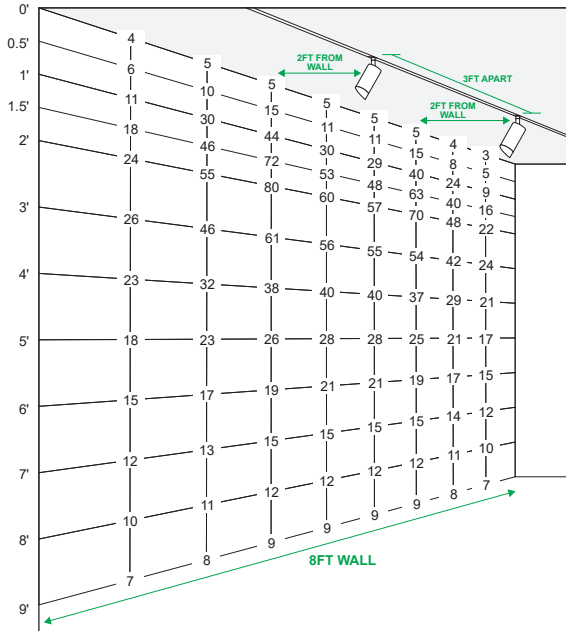


Z2: Adjustable between 20° and 50°

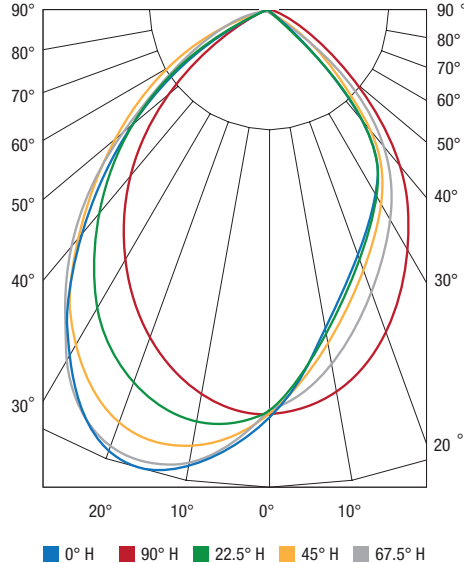
### TUBO WALL WASH Photometric Data at 3000K

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

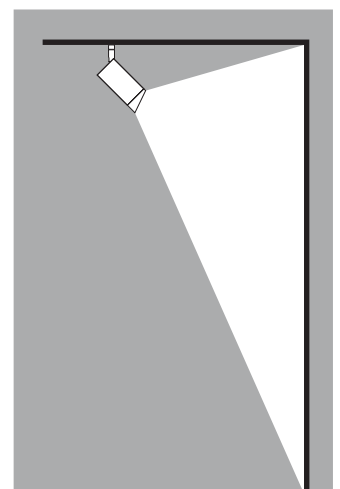
Tubo Wall Wash Foot Candle Chart



CANDLE POWER DISTRIBUTION



DIRECTION OF LIGHT



# T24M TRACK HEADS, 2 CIRCUIT MAGNETIC

## 24VDC WITH INTEGRATED LED

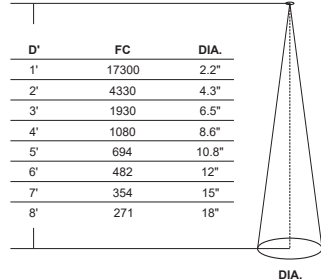
### RADIANT LARGE Photometric Data at 3000K

**D** - Distance from fixture

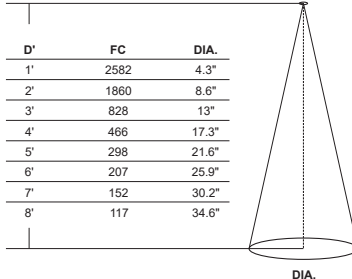
**FC** - Initial foot candles at the center of beam

**DIA** - Diameter

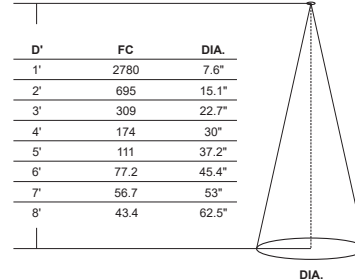
NARROW SPOT BEAM ANGLE 10°



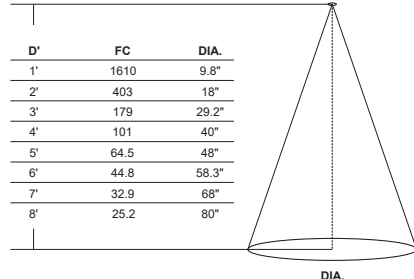
SPOT BEAM ANGLE 20°



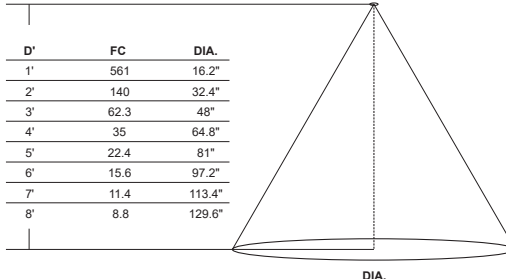
NARROW FLOOD BEAM ANGLE 35°



FLOOD BEAM ANGLE 45°



WIDE FLOOD BEAM ANGLE 60°



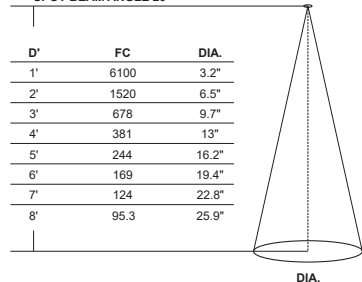
### RADIANT MEDIUM Photometric Data at 3000K

**D** - Distance from fixture

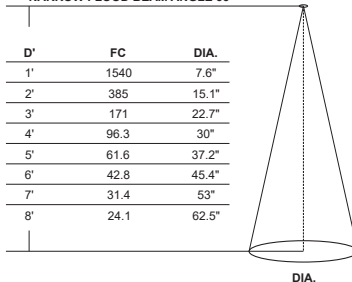
**FC** - Initial foot candles at the center of beam

**DIA** - Diameter

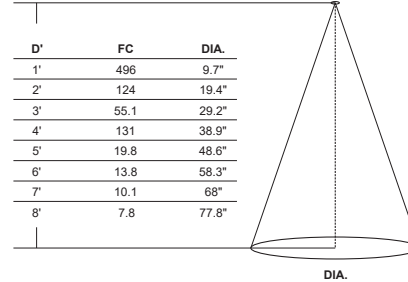
SPOT BEAM ANGLE 20°



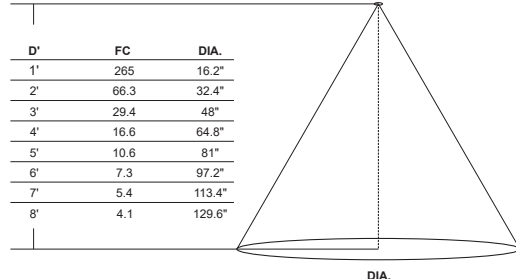
NARROW FLOOD BEAM ANGLE 35°



FLOOD BEAM ANGLE 45°



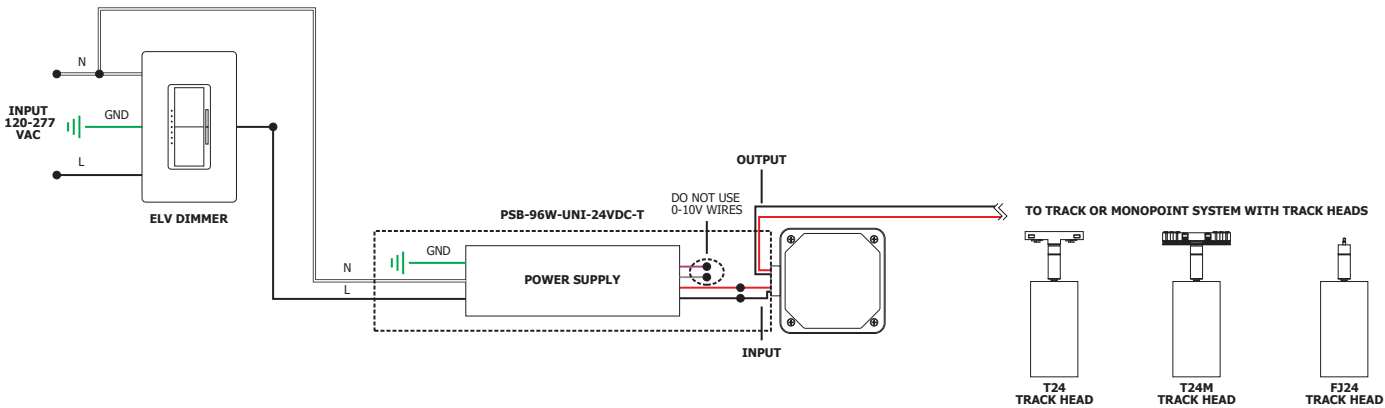
WIDE FLOOD BEAM ANGLE 60°



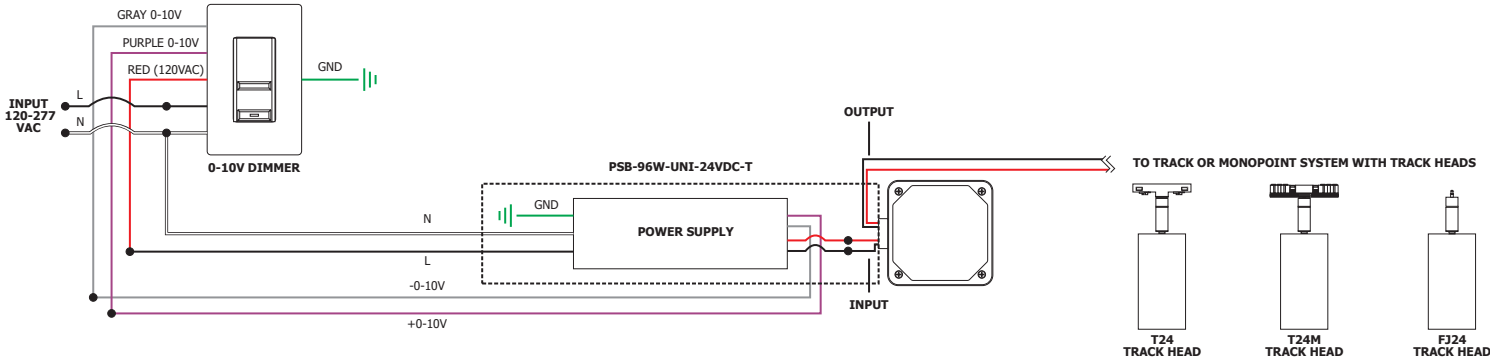
# UNIVERSAL POWER SUPPLIES WITH TRIM

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

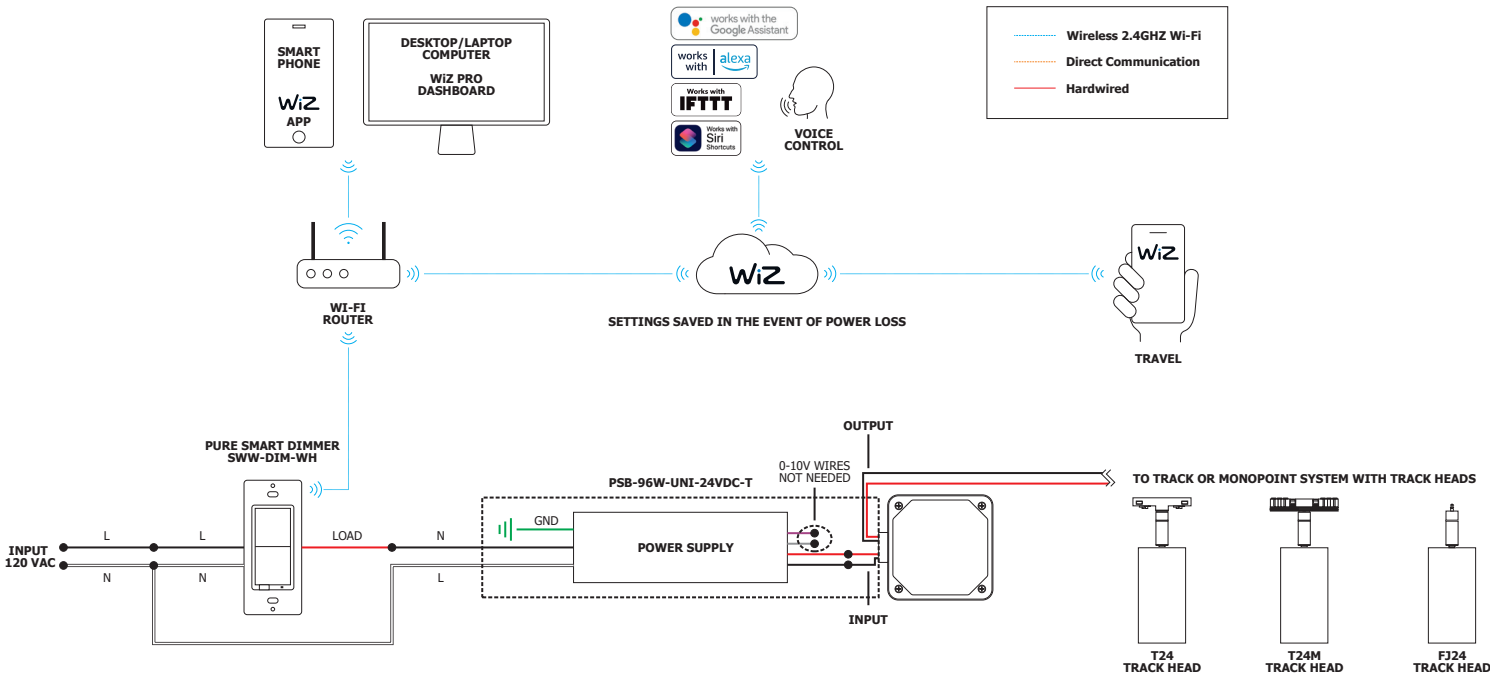
## ELV WIRING DIAGRAM



## 0-10V WIRING DIAGRAM



## SMART WIRING DIAGRAM & NETWORK TOPOGRAPHY



PROJECT	FIXTURE TYPE	DATE
---------	--------------	------

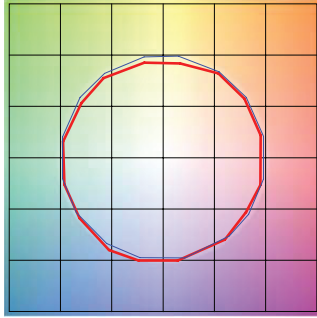
# TM30 DATA

## 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

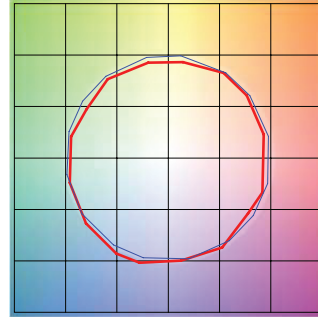


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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

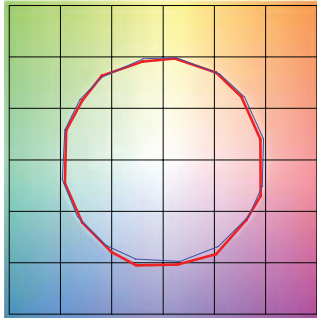


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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

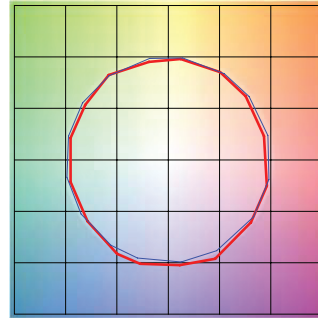


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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

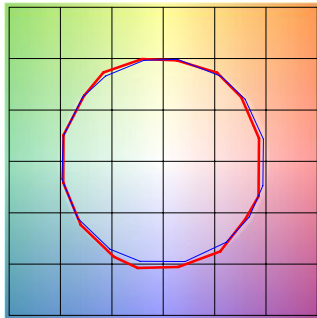


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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%