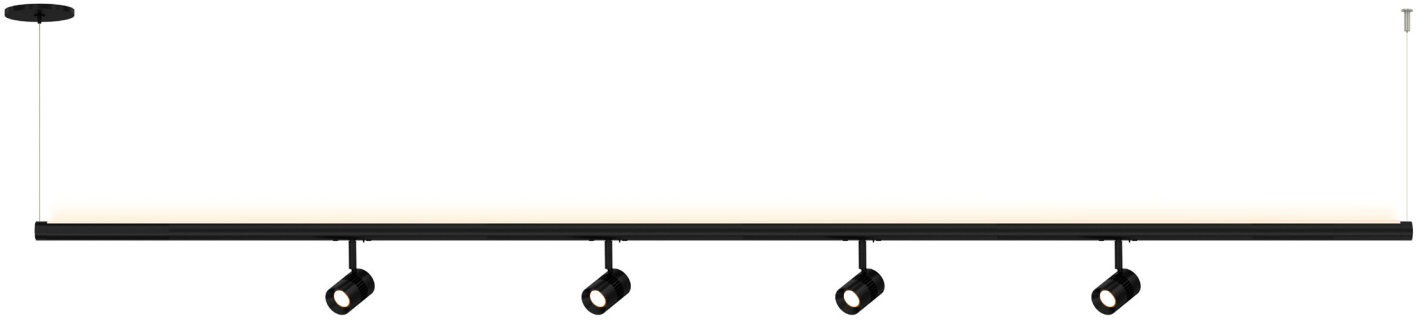


# PIPELINE® MODULAR TRACK WITH UPLIGHT

## 24VDC, MODULAR SUSPENSION



### DESCRIPTION

Pipeline Suspension Track with Uplight is a Linear fixture with an integrated LED up light and Track Heads that are controlled independently of one another. Custom-tailor the Pipeline Suspension to any space instantly by adding Track Heads anywhere along the bottom of the suspension. Run Pipeline Suspension Track and uplight Channels along an exposed ceiling, turn corners or climb walls with L, T, X, Y, all in an easy-to-install plug and play package. For custom design and layout assistance, send drawings to [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com).

### FEATURES & BENEFITS

- **Low Profile:** 1.25" diameter Channel
- **Remote Power Supply:** Up to 100 Watts (End Feed); or up to 2 x 100 Watts (Center Feed)
- **Length Options:** 12"-98" (8')
- **Easy Installation:** Fully Assembled Fixture with Push-In Connectors

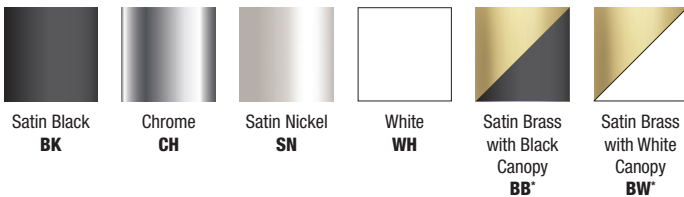
### LENS

- Uplight - Diffused White Lens with 176° beam spread
- Track Heads - Offered in multiple beam spreads from 15° to 60°

### LAMPING

- 5W - 4.4 Watts per Foot, Lengths up to 10ft
- 95+ CRI 2700K, 3000K, or 3000D Warm Dim
- 50,000 Hour Lamp Life

### FINISHES



\*Custom Finishes, RAL specific colors also available by quote

### INSTALLATION

- Pre-wired from a Remote Power Supply feeding 24VDC, 96 watts for Up Light and up to 200 watts for Track lighting per circuit at a maximum of 40' away using #12 Gauge Wire
- Includes adjustable 12' Coaxial Cables

### REMOTE POWER SUPPLIES (ORDER SEPARATELY)

24VDC, Class 2 wiring

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

### APPLICATIONS

Designed for indoor use only. Ideal environments include commercial, architectural and retail spaces in addition to offices, conference rooms, entrance halls and lobbies.

### APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed. Made in America.

### WARRANTY / LABELS

5 year pro-rated warranty. ETL Listed. Assembled in America.

Use our Configurator to see List Price, Complete Ordering Code and Overall Length. [Pipeline 1 Suspension Configurator](#)

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

# PIPELINE® MODULAR TRACK WITH UPLIGHT

## 24VDC, MODULAR SUSPENSION

### LENGTH CHART Actual Lengths for Pipeline 1 Suspension Rotatable Modular

STATIC WHITE					
Length		5W (4.4 Watts)			
LENS (Inches)	ACTUAL (Inches)	TOTAL WATTAGE	TOTAL LUMENS 3000K	TOTAL LUMENS WHITE LOUVER	TOTAL LUMENS BLACK LOUVER
12	13	5	463	324	185
24	25	9	926	648	370
36	37	14	1389	972	555
48	49	18	1852	1296	740
60	61	22	2315	1620	925
72	73	27	2778	1944	1110
84	85	31	3241	2268	1295
96	97	36	3704	2592	1480
108	109	40	4167	2916	1665
120	121	44	4630	3240	1850

WARM DIM (27D & 30D)					
Length		5W (4.8 Watts)			
LENS (Inches)	ACTUAL (Inches)	TOTAL WATTAGE	TOTAL LUMENS 3000K	TOTAL LUMENS WHITE LOUVER	TOTAL LUMENS BLACK LOUVER
12	13	5	472	331	207
24	25	10	944	662	414
36	37	15	1416	993	621
48	49	20	1888	1324	828
60	61	25	2360	1655	1035
72	73	30	2832	1986	1242
84	85	35	3304	2317	1449
96	97	40	3776	2648	1656
108	109	45	4248	2979	1863
120	121	50	4720	3310	2070

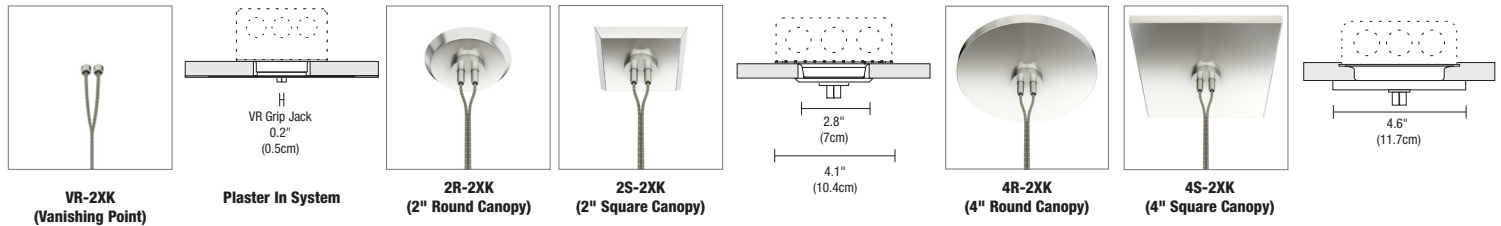
PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

# PIPELINE® MODULAR TRACK WITH UPLIGHT

24VDC, MODULAR SUSPENSION

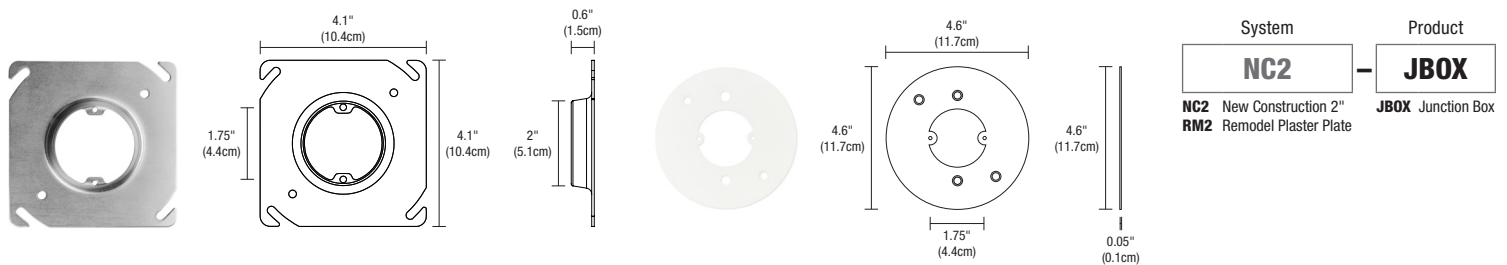
## REMOTE POWER CANOPIES

The 2" Round and Square canopies include a NC2-JBOX junction box cover. The 4" canopies mount to a standard 4" junction box. Vanishing point is the only truly trimless and flush design available on the market with cables that disappear into the ceiling. Refer to the [Vanishing Point specification](#) for details and requirements including millwork options.

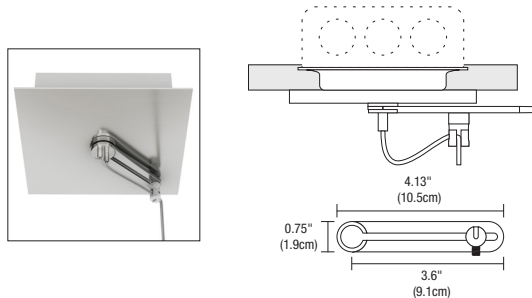


## NEW CONSTRUCTION & REMODEL 2" COVER FOR 4" SQUARE JUNCTION BOX

The New Construction NC2-JBOX cover is included with the 2" round and square canopies and is not required for the 4" square canopies. The NC2 cover mounts to a standard 4" junction or octagon box accommodating the 2" Plaster Ring for use with the 2R and 2S canopies. The Remodel RM2-JBOX plaster plate cover must be used with the supplied PureEdge junction box.



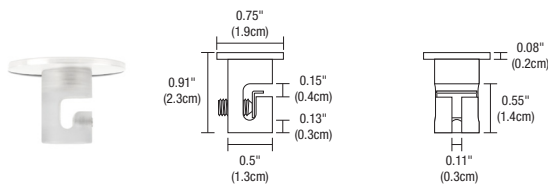
**ACCESSORIES** Additional components may be required based on lighting design and application.



## CHANNEL SUSPENSION ADJUSTABLE SWAG BAR AND HOOK

Channel Suspension Adjustable Swag Bar and Hook allows a cable to form a straight connection to the channel when the Power Canopy is not located directly above the fixture. Use when you have two or more canopies (power supplies) on the same fixture run. The Adjustable Swag Hook is compatible with the 2R, 2S, 4R and 4S Power Canopies (Canopy not included).

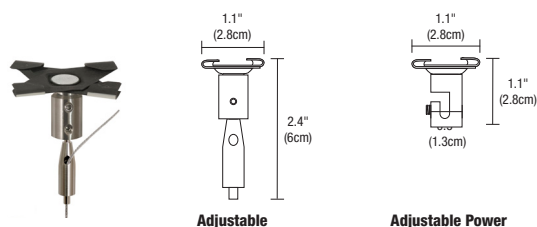
Product	Type	Finish
<b>CS</b>	<b>ADJ-DP-SWAG</b>	<b>SN</b>
CS Channel Suspension	ADJ-SWAG Adjustable Swag Hook for Static White ADJ-DP-SWAG Dual Post Adjustable Swag Hook for 2K4K & RGB	SN Satin Nickel



## CHANNEL SUSPENSION SWAG HOOK

The clear plastic Swag Hook extends a cable from an electrical box that is not located directly above desired fixture location.

System	Type
<b>CS</b>	<b>SWAG</b>
CS Channel Suspension	SWAG Swag Hook



## CHANNEL SUSPENSION ADJUSTABLE T-BAR CLIP

Channel Suspension Adjustable T-Bar Clip mounts to T-Bar grid ceilings. Adjustable is offered in Satin Nickel, Clear plastic for Adjustable Power.

Product	Type	Options	Finish
<b>CS</b>	<b>TBAR</b>	<b>A</b>	<b>WH</b>
CS Channel Suspension	TBAR 9/16" and 15/16"	A Adjustable AP Adjustable Power	BK Black WH White

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

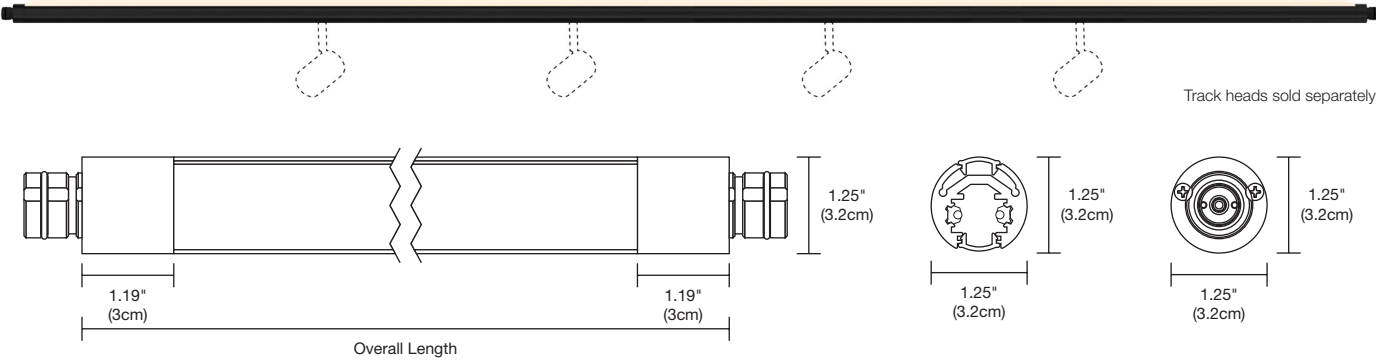
# PIPELINE® MODULAR TRACK WITH UPLIGHT

## 24VDC, MODULAR SUSPENSION

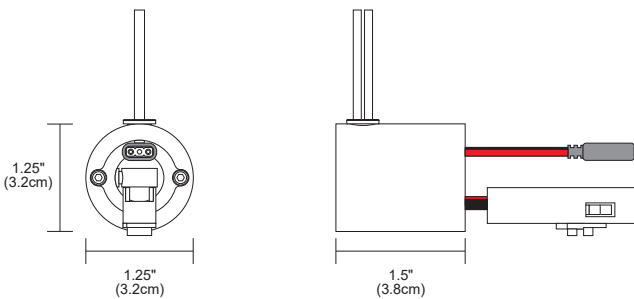
### COMPONENTS Suspension Track

#### PIPELINE SUSPENSION TRACK 24VDC MODULAR

Pipeline Suspension Track is a 24VDC lighting system with an integrated LED up light and Track Heads that are controlled independently of one another.



System	Indirect Lighting Wattage Per Foot	Length	Indirect Color Temperature	Finish
<b>PSTU2CM</b>	<b>5WX</b>	<b>12</b>	<b>30K</b>	<b>BK</b>
<b>PSTU2CM</b> Pipeline Suspension Track, with Up light, Remote Power	<b>5WX</b> 4.4 Watts 10mm strip	<b>12</b> 12" overall length (min. for 3 Track Heads) <b>18</b> 18" overall length <b>24</b> 24" overall length <b>36</b> 36" overall length <b>48</b> 48" overall length <b>60</b> 60" overall length <b>96</b> 96" overall length May be custom ordered in 2.4" increments	<b>24K</b> 2400K Very Warm White <b>27K</b> 2700K Incandescent White <b>30K</b> 3000K Warm White <b>30D</b> 3000K Warm Dim <b>35K</b> 3500K Neutral White	<b>BK</b> Black Powder Paint <b>WH</b> White Powder Paint <b>XX</b> Custom* *RAL/_ Specify RAL Powder Coat Code (ex: #RAL/9007) Additional finishes are available with an extended lead time. Custom quotation is required prior to ordering.



#### END CAP - HORIZONTAL CONNECTOR POWER CABLE

End Cap - Horizontal Power Connector finishes the Pipeline 1 Suspension Modular Channel and provides 24VDC power from a Remote or Surface Mount Power Supply up to 100 watts. For a Remote Power Supply choose a 2" or 4" Round Canopy, for Surface Mount Power Supply and no Canopy use ordering code "EZ" (Coaxial Cable End Zero). Includes 12' of Coaxial Power Cable, which easily adjusts at Canopy with a Push-In Grip Jack Connector.

System	Type	Orientation	Canopy	Finish
<b>PSTU2CM</b>	<b>CAP</b>	<b>H</b>	<b>2R</b>	<b>BK</b>
<b>PSTU2CM</b> Pipeline Suspension Track, with Uplight, Remote Power	<b>CAP</b> End Cap Power	<b>H</b> Horizontal	<b>2R</b> 2.8" Round Canopy <b>4R</b> 4.6" Round Canopy <b>EZ</b> No Canopy, for use with Surface Mount Power Supply <b>VR</b> Vanishing Point with No Canopy, only see cable going through drywall ceiling	<b>BK</b> Black <b>CH</b> Chrome <b>SN</b> Satin Nickel <b>WH</b> White <b>XX</b> Custom* *RAL/_ Specify RAL Powder Coat Code (ex: #RAL/9007) Additional finishes are available with an extended lead time. Custom quotation is required prior to ordering.

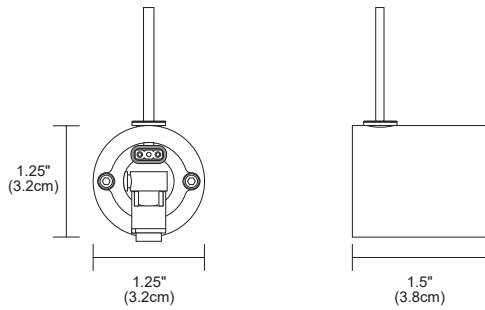
PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

# PIPELINE® MODULAR TRACK WITH UPLIGHT

24VDC, MODULAR SUSPENSION

REV 04.10.25

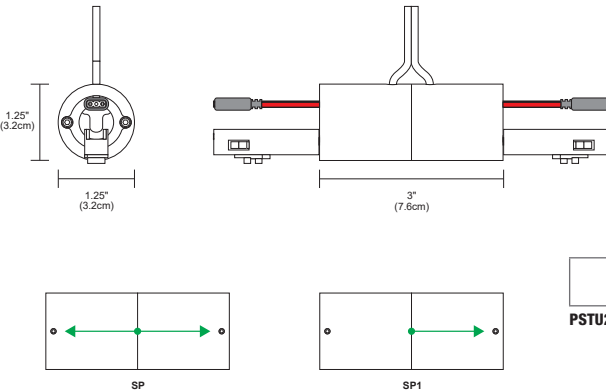
Indicates 24VDC Power Flow



## END CAP - HORIZONTAL

End Cap - Horizontal terminates the Pipeline 1 Suspension Modular Downlight run and provides a finished look. Includes 12' of adjustable Aircraft Cable and Ceiling Anchors.

System	Type	Orientation	Finish
<b>PLSM</b>	<b>CA</b>	<b>H</b>	<b>BK</b>
<b>PLSM</b> Pipeline Suspension Modular Downlight	<b>CA</b> End Cap	<b>H</b> Horizontal	<b>BK</b> Black <b>CH</b> Chrome <b>SN</b> Satin Nickel <b>WH</b> White <b>XX</b> Custom* *RAL/____ Specify RAL Powder Coat Code (ex: #RAL/9007) Additional finishes are available with an extended lead time. Custom quotation is required prior to ordering.



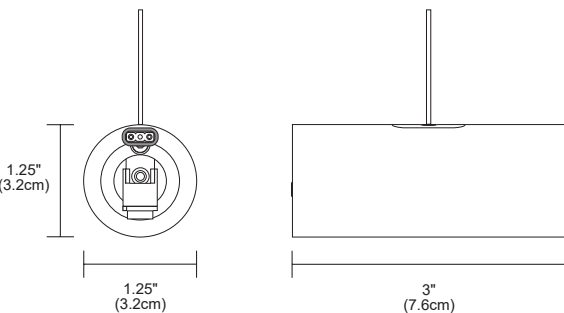
## STRAIGHT POWER CONNECTOR

Straight Power Connector joins two sections of Pipeline 1 Suspension Modular Channels and provides 24VDC power from a Remote or Surface Mount Power Supply up to 100 watts before re-feeding. For powering two Channels, use ordering code "SP-H" for feeding the power to one channel only use ordering code "SP1-H". For a Remote Power Supply choose a 2" or 4" Round Canopy, for Surface Mount Power Supply and no Canopy use ordering code "EZ" (Coaxial Cable End Zero). Includes 12' of Coaxial Power Cable, which easily adjusts at Canopy with a Push-In Grip Jack Connector.

System	Type	Canopy	Finish
<b>PSTU2CM</b>	<b>SP-H</b>	<b>2R</b>	<b>BK</b>
<b>PSTU2CM</b> Pipeline Suspension Track, with Uplight, Remote Power	<b>SP-H</b> Straight Power Horizontal Connector, Conductive in 2 sections <b>SP1-H</b> Straight Power Horizontal Connector, Conductive in 1 Section	<b>2R</b> 2.8" Round Canopy <b>4R</b> 4.6" Round Canopy <b>EZ</b> No Canopy, for use with Surface Mount Power Supply, <b>VR</b> Vanishing Point with No Canopy, only see cable going through drywall ceiling	<b>BK</b> Black <b>CH</b> Chrome <b>SN</b> Satin Nickel <b>WH</b> White <b>XX</b> Custom* *RAL/____ Specify RAL Powder Coat Code (ex: #RAL/9007) Additional finishes are available with an extended lead time. Custom quotation is required prior to ordering.

## STRAIGHT HORIZONTAL CONNECTOR

Straight Horizontal Connector joins two sections of Pipeline 1 Suspension Modular Downlight. It is electrically powered from the previous Channel (SC) or isolates the power (SNC). Includes 12' of Aircraft Cable, which easily adjusts at the ceiling with a Push-In type Grip Jack Connector.

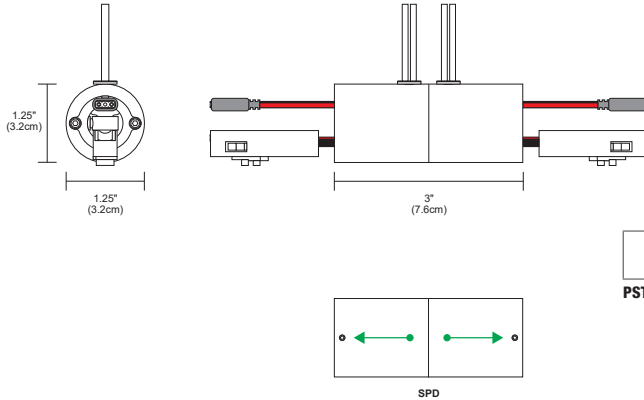


System	Type	Finish
<b>PSTU2CM</b>	<b>SC-H</b>	<b>BK</b>
<b>PSTU2CM</b> Pipeline Suspension Track, with Uplight, Remote Power	<b>SC-H</b> Straight Horizontal Conductive Connector <b>SNC-H</b> Straight Horizontal Non-Conductive Connector	<b>BK</b> Black <b>CH</b> Chrome <b>SN</b> Satin Nickel <b>WH</b> White <b>XX</b> Custom* *RAL/____ Specify RAL Powder Coat Code (ex: #RAL/9007) Additional finishes are available with an extended lead time. Custom quotation is required prior to ordering.

# PIPELINE® MODULAR TRACK WITH UPLIGHT

24VDC, MODULAR SUSPENSION

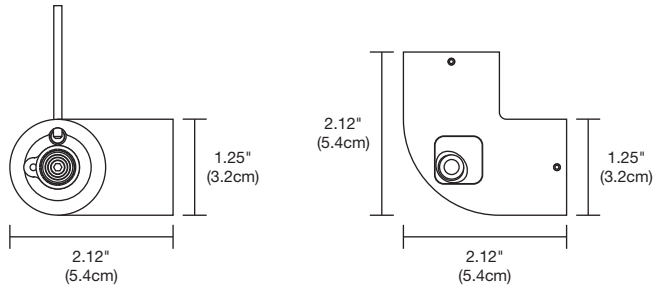
REV 04.10.25



## PIPELINE STRAIGHT DUAL - HORIZONTAL POWER FEED

Pipeline Suspension Dual Straight Power Feeds up to 100 watts per Coaxial Cable for a total of 200 watts. For a Remote Power Supply choose a 2" or 4" Round Canopy, for Surface Mount Power Supply and no Canopy use ordering code "EZ" (Coaxial Cable End Zero). Includes 12' of Coaxial Power Cable, which easily adjusts at Canopy with a Push-In Grip Jack Connector.

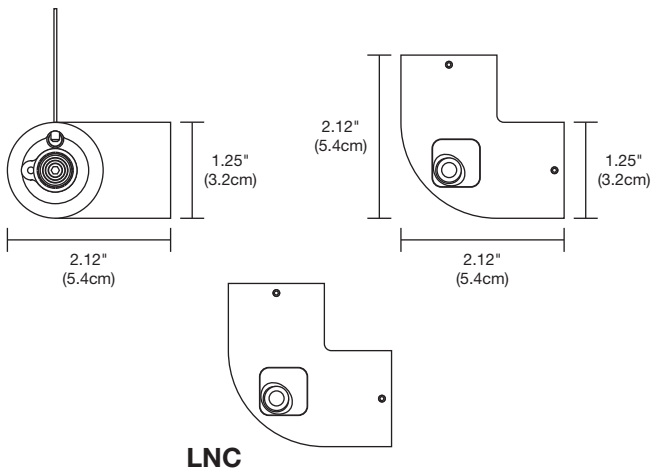
System	Type	Canopy	Finish
<b>PSTU2CM</b>	<b>SPD-H</b>	<b>2R</b>	<b>BK</b>
<b>PSTU2CM</b> Pipeline Suspension Track, with Uplight, Remote Power	<b>SPD-H</b> Straight Power, Dual Circuit - Horizontal Connector	<b>2R</b> 2.8" Round Canopy <b>4R</b> 4.6" Round Canopy <b>EZ</b> No Canopy, for use with Surface Mount Power Supply, <b>VR</b> Vanishing Point with No Canopy, only see cable going through drywall ceiling	<b>BK</b> Black <b>CH</b> Chrome <b>SN</b> Satin Nickel <b>WH</b> White <b>XX</b> Custom* *RAL/_ Specify RAL Powder Coat Code (ex: #RAL/9007) Additional finishes are available with an extended lead time. Custom quotation is required prior to ordering.



## L-SHAPED POWER HORIZONTAL CONNECTOR

L-Shaped Power Horizontal Connector joins two sections of Pipeline 1 Suspension Modular Channels at 90° apart and provides 24VDC power from a Remote or Surface Mount Power Supply up to 100 watts before re-feeding. For powering two channels use ordering code "LP-H" for feeding the power to the left channel only use "LPL-H" for right channel only use "LPR-H". For a Remote Power Supply choose a 2" or 4" Round Canopy, for Surface Mount Power Supply and no Canopy use ordering code "EZ" (Coaxial Cable End Zero). Includes 12' of Coaxial Power Cable, which easily adjusts at Canopy with a Push-In Grip Jack Connector.

System	Type	Canopy	Finish
<b>PSTU2CM</b>	<b>LP-H</b>	<b>2R</b>	<b>BK</b>
<b>PSTU2CM</b> Pipeline Suspension Track, with Uplight, Remote Power	<b>LP-H</b> L-Shaped Power Horizontal Connector, Conductive on 2 Sections <b>LPL-H</b> L-Shaped Power Horizontal Connector, Conductive on Left Section <b>LPR-H</b> L-Shaped Power Horizontal Connector, Conductive on Right Section	<b>2R</b> 2.8" Round Canopy <b>4R</b> 4.6" Round Canopy <b>EZ</b> No Canopy, for use with Surface Mount Power Supply, <b>VR</b> Vanishing Point with No Canopy, only see cable going through drywall ceiling	<b>BK</b> Black <b>WH</b> White <b>SN</b> Satin Nickel <b>CH</b> Chrome <b>XX</b> Custom* *RAL/_ Specify RAL Powder Coat Code (ex: #RAL/9007) Additional finishes are available with an extended lead time. Custom quotation is required prior to ordering.



## L-SHAPED HORIZONTAL CONNECTOR

L-Shaped Horizontal Connector joins two sections of Pipeline Suspension Channel at 90° apart, conducting the power (LC) or isolating the power (LNC). Includes 12' of Aircraft Cable, which easily adjusts at a Push-In type connector.

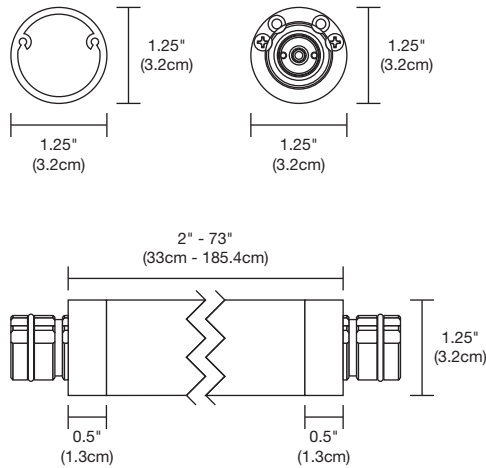
System	Type	Finish
<b>PLSM</b>	<b>LNC-H</b>	<b>BK</b>
<b>PLSM</b> Pipeline Suspension Modular Downlight	<b>LNC-H</b> L-Shaped Non-Conductive Horizontal Connector	<b>BK</b> Black <b>WH</b> White <b>SN</b> Satin Nickel <b>CH</b> Chrome <b>XX</b> Custom* *RAL/_ Specify RAL Powder Coat Code (ex: #RAL/9007) Additional finishes are available with an extended lead time. Custom quotation is required prior to ordering.

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

# PIPELINE® MODULAR TRACK WITH UPLIGHT

24VDC, MODULAR SUSPENSION

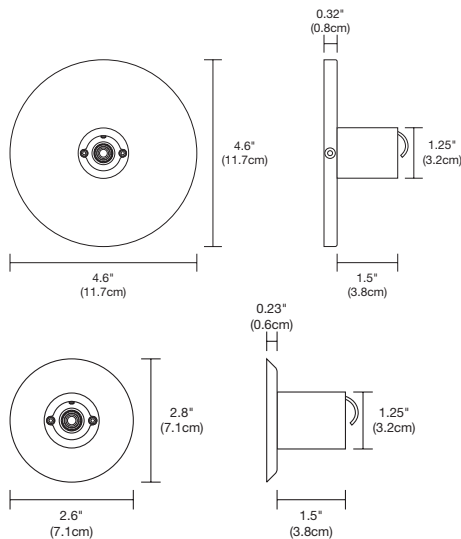
**MODULAR CONFIGURATIONS** Use L, T, X, Y, & Flexible Connectors to design any Modular formation



## BLANK CHANNEL - HORIZONTAL

Blank Horizontal Channel physically joins two Pipeline 1 Suspension Modular Downlight sections, providing structure to desired horizontal or vertical configurations without illumination. It also conducts power from one section to another (**BCC**), or be used to isolate powered sections from each other (**BNC**). Horizontal run will include 12' of Aircraft Cable (one for every 5'), which easily adjusts at Canopy with a Push-In type connector.

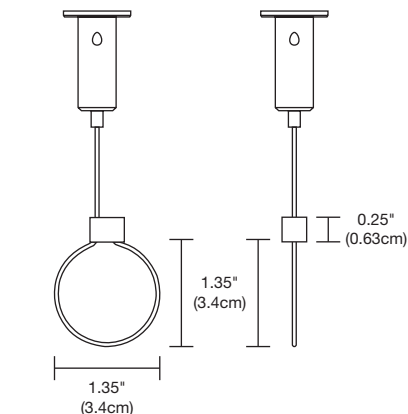
System	Type	Overall Size	Finish
<b>PLSM</b>	<b>BCC</b>	<b>120</b>	<b>BK</b>
<b>PLSM</b> Pipeline Suspension Modular Downlight	<b>BCC</b> Blank Channel Conductive <b>BNC</b> Use Vertically or Horizontally Blank Channel Non-Conductive	<b>12-120</b> Order in increments from 12"-120" May be ordered in 1" increments	<b>BK</b> Black <b>CH</b> Chrome <b>SN</b> Satin Nickel <b>WH</b> White <b>BB</b> Satin Brass with Black Plugs <b>BW</b> Satin Brass with White Plugs <b>XX</b> Custom* *RAL/_ Specify RAL Powder Coat Code (ex: #RAL/9007) Additional finishes are available with an extended lead time. Custom quotation is required prior to ordering.



## WALL OR CEILING 2" AND 4" ROUND END CAP POWER FEED

End Cap Power Feed from the wall or ceiling electrical junction box to the Pipeline Modular fixture to provide a finished look.

System	Type	Orientation	Canopy	Finish
<b>PLWTU2CM</b>	<b>CAP</b>	<b>VH</b>	<b>4R</b>	<b>BK</b>
<b>PLWTU2CM</b> Pipeline Wall or Ceiling Modular Track Uplight Canopy	<b>CAP</b> End Cap Power <b>CA</b> End Cap Non-Power	<b>VH</b> Vertical or Horizontal	<b>4R</b> 4.6" Round Canopy <b>2R</b> 2.6" Round Canopy	<b>BK</b> Black <b>CH</b> Chrome <b>SN</b> Satin Nickel <b>WH</b> White <b>XX</b> Custom* *RAL/_ Specify RAL Powder Coat Code (ex: #RAL/9007) Additional finishes are available with an extended lead time. Custom quotation is required prior to ordering.



## PIPELINE 1 SUSPENSION MOUNTING CLIP

Included with every 5' of Pipeline Suspension LED fixture.

System	Type	Finish
<b>PLSM</b>	<b>MCL</b>	<b>SN</b>
<b>PLSM</b> Pipeline Suspension Modular Downlight	<b>MCL</b> Mounting Clip	<b>SN</b> Satin Nickel Hardware

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

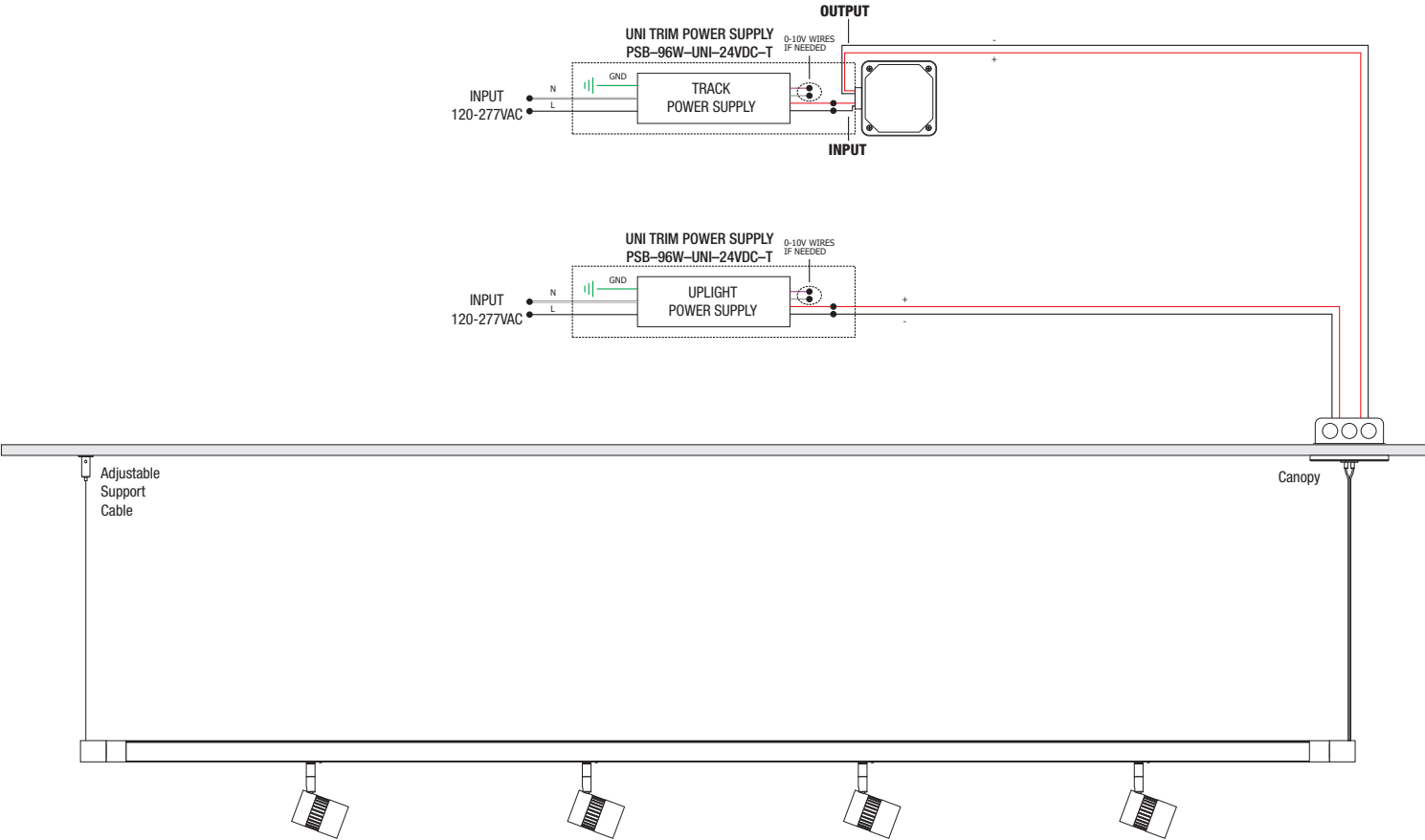




# PIPELINE® MODULAR TRACK WITH UPLIGHT

24VDC, MODULAR SUSPENSION

**DRAWINGS** Drawings are shown with 4" round canopy



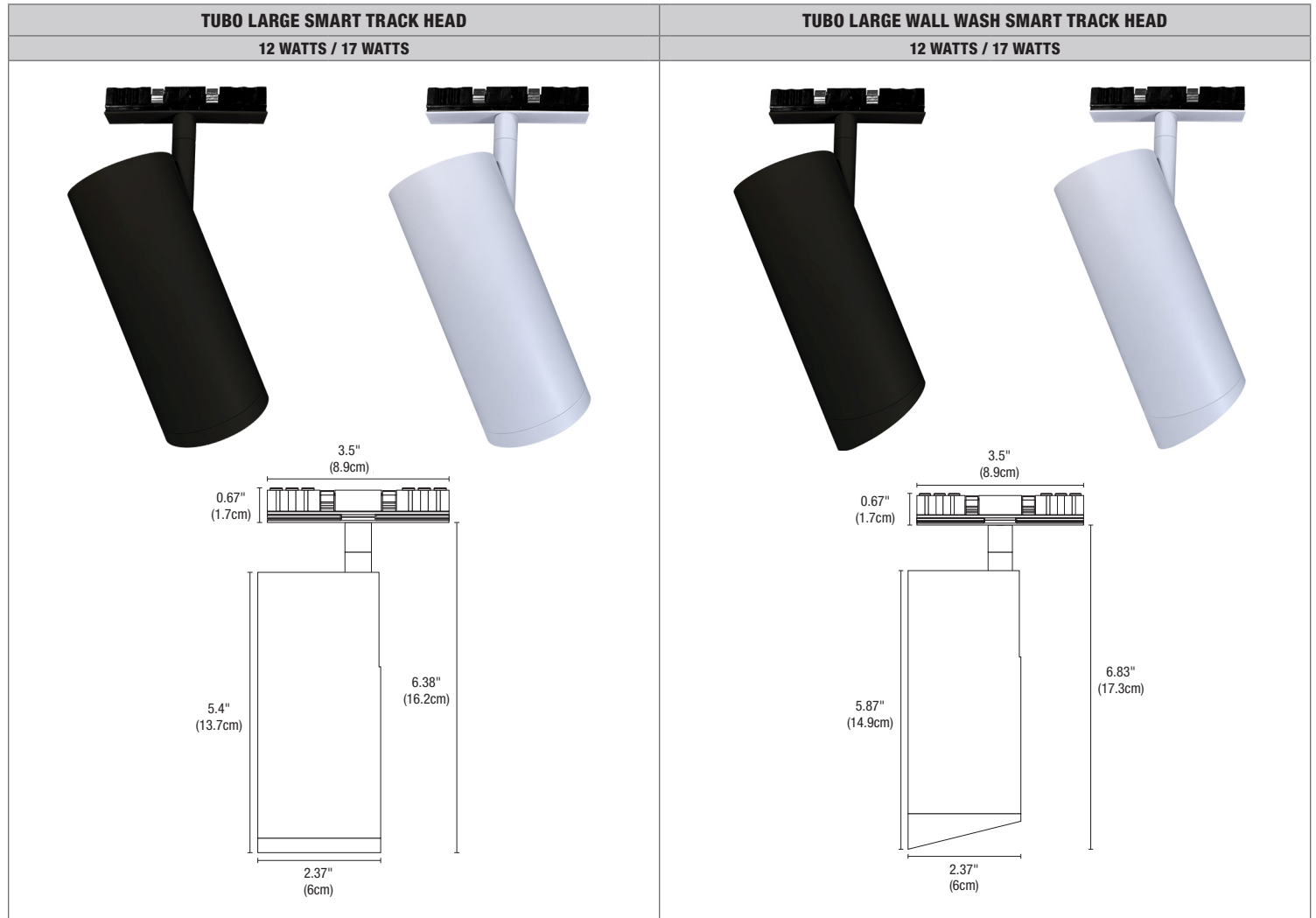
PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

# T24 TRACK HEADS

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.

## 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>17W</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 PW Pure White Powder Coat - RAL 9016

\*Has Aura Effect  
without diffusion film

	12W									17W								
WATTS	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K
COLOR TEMPERATURE	445	462	507	596	670	737	751	596	494	830	862	962	1130	1271	1401	1531	1307	1082
LUMENS	44	44	47	52	56	61	64	60	56	64	62	65	72	79	87	96	93	82
LUMENS PER WATT (lm/w)	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
CRI	-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
Duv	87	88	90	93	94	94	93	93	91	88	89	92	94	95	95	94	93	92
Rf	104	101	103	103	103	101	100	105	106	105	105	105	104	104	103	100	105	105
Rg	91	92	90	94	97	98	94	80	66	84	86	92	97	97	98	85	90	83
R9	83	85	87	91	93	96	96	93	92	82	85	89	93	94	96	99	96	96
R13	92	93	93	95	96	97	95	91	88	90	91	93	96	96	97	96	94	93
R15	10	11	11	12	12	12	12	10	9	13	14	15	16	16	16	16	14	13

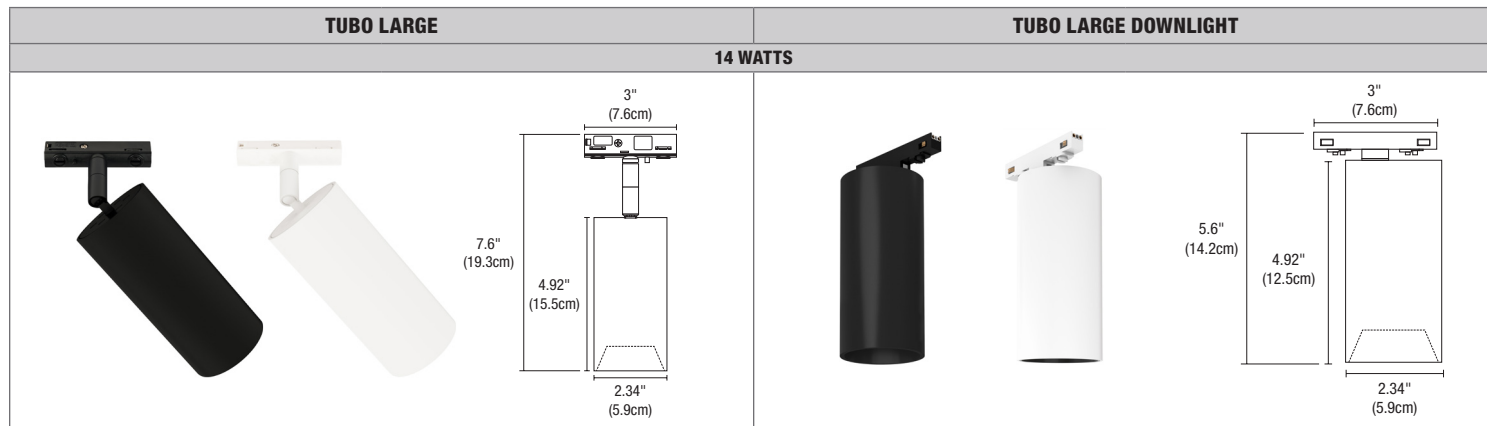
PROJECT	FIXTURE TYPE							DATE
---------	--------------	--	--	--	--	--	--	------

# T24 TRACK HEADS

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

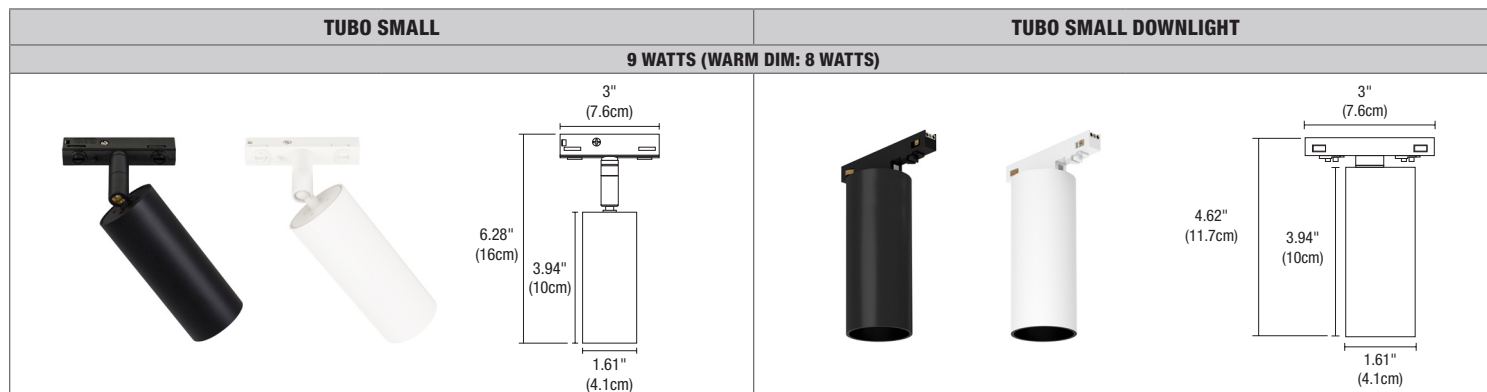
PureEdge T24 Track Heads are Compatible with TruTrack® (TR24).

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



System	Fixture	Beam Spread	Color Temperature	Finish
<b>T24</b>	<b>TUBL</b>	<b>FL</b>	<b>30K</b>	<b>WH</b>
T24 24V Track System	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 30D 3000D Warm Dim 30K 3000K Warm White 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



System	Fixture	Beam Spread	Color Temperature	Finish
<b>T24</b>	<b>TUBS</b>	<b>FL</b>	<b>30K</b>	<b>WH</b>
T24 24V Track System	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 30D 3000D Warm Dim 30K 3000K Warm White 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](http://pureedgelighting.com/resources)

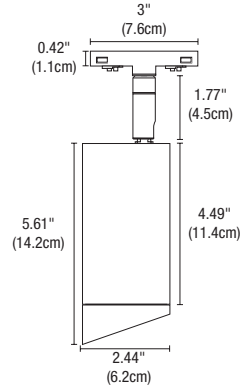
PROJECT	FIXTURE TYPE	DATE
---------	--------------	------

# T24 TRACK HEADS

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

## TUBO LARGE WALL WASH

15 WATTS

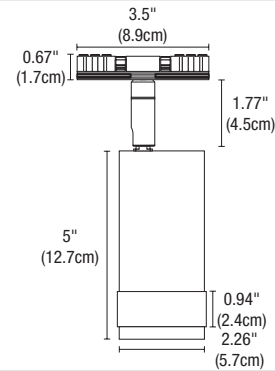
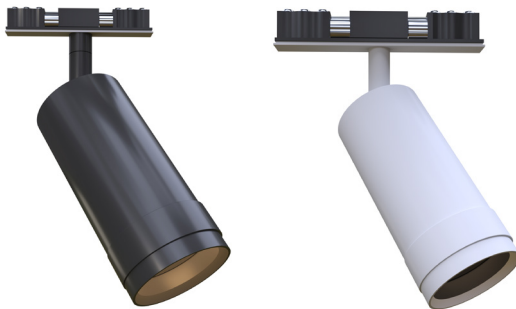


System	Fixture	Beam Spread	Color Temperature	Finish
<b>T24</b>	<b>TUBL</b>	<b>WW</b>	<b>30K</b>	<b>BK</b>
T24 Track Head 24V	TUBL Tubo Large	WW Wall Wash	<b>24K</b> 2400K Very Warm White <b>27K</b> 2700K Incandescent White <b>30K</b> 3000K Warm White <b>30D</b> 3000K Warm Dim to 1800K <b>35K</b> 3500K Neutral White	<b>BK</b> Black Powder Coat <b>WH</b> Warm White Powder Coat RAL 9010 <b>PW</b> 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 Rf: 92 Rg: 100

## ZOOM

16 WATTS



System	Fixture	Beam Spread	Color Temperature	Finish
<b>T24</b>	<b>ZOOM</b>	<b>Z2</b>	<b>30K</b>	<b>BK</b>
T24 Track Head 24V Connector	ZOOM Zoom	<b>Z1</b> Zoom Adjust 15° to 55° <b>Z2</b> Zoom Adjust 20° to 50°	<b>24K</b> 2400K Very Warm White <b>27K</b> 2700K Incandescent White <b>30K</b> 3000K Warm White <b>30D</b> 3000K Warm Dim to 1800K* <b>35K</b> 3500K Neutral White *Only available for Z2	<b>BK</b> Black Powder Coat <b>WH</b> 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

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

# T24 TRACK HEADS

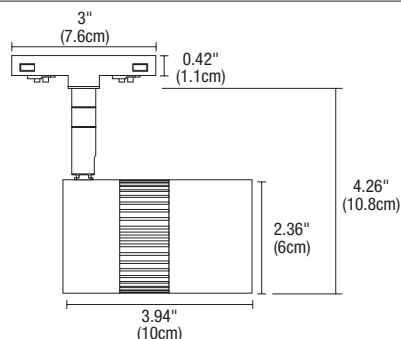
24VDC WITH INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

REV 04.10.25

All uniform beam spread options are field changeable, see accessories page.

## RADIANT LARGE

14 WATTS

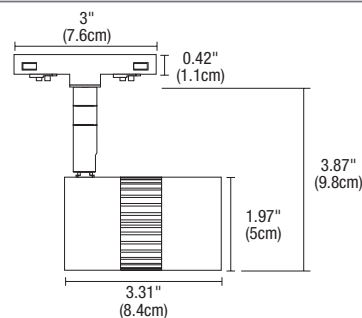


System	Fixture	Beam Spread	Color Temperature	Finish
<b>T24</b>	<b>RADL</b>	<b>FL</b>	<b>30K</b>	<b>WH</b>
T24 24V Track System	RADL Radiant Large	<b>NS</b> Narrow Spot 10° <b>SP</b> Spot 20° <b>NF</b> Narrow Flood 35° <b>FL</b> Flood 45° <b>WF</b> Wide Flood 60° Warm Dim: <b>NS</b> (15°), <b>SP</b> (25°)	<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	Fixture	Beam Spread	Color Temperature	Finish
<b>T24</b>	<b>RADM</b>	<b>FL</b>	<b>30K</b>	<b>WH</b>
T24 24V Track System	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	7.7	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
---------	--------------	------

# T24 TRACK HEADS


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

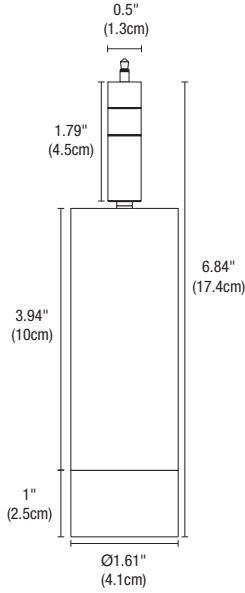
<b>MATERIAL</b>	Extruded Aluminum	<b>FREQUENCY</b>	50/60HZ	<b>APPLICATION</b>	Suitable for dry locations. Indoor use only.	<b>COMPLIANCE LABEL</b>	ETL to UL 2108 Standard
<b>INPUT VOLTAGE</b>	24VDC	<b>POWER FACTOR</b>	> 0.90	<b>DIMMING &amp; FLICKER</b>	0-10V dimming Flicker less than 2%	<b>LED LAMP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

WARM DIM: 8 WATTS




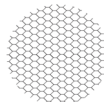






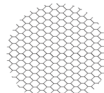






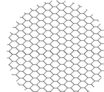


\*Snoot is included in ordering code & required for use


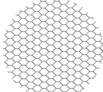


# LENSES AND ACCESSORIES

## Additional Lenses and Accessories

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.

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					
BEAM SPREADS	NS (15°), SP (25°), NF (35°), FL (45°), VW (75°)		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.

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-NF-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					
BEAM SPREADS	NS (10°), SP (20°), NF (35°), FL (45°), WF (60°)	NS (15°), SP (25°), FL (45°), WF (60°)	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.




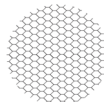


RADIANT MEDIUM LENS		LOUVER	FOCUS LENS	LINEAR SPREAD FILM
				
ORDERING CODE	STATIC WHITE LEN-RADM-SP-SW LEN-RADM-NF-SW LEN-RADM-FL-SW LEN-RADM-WF-SW WARM DIM LEN-RADM-SP-WD LEN-RADM-NF-WD LEN-RADM-FL-WD LEN-RADM-WF-WD	L011-H	LF-RADM-SF (SOFT FOCUS) MF (MEDIUM FOCUS), WF (WIDE FOCUS)	LF-RADM-LS
LENS SIZE	1.37" (35mm) Diameter			
BEAM SPREADS	SP (20°), NF (35°), FL (45°), WF (60°)		Hexcell louver eliminates glare. 0.125" Thickness.	Soft focus lens is included with every track head. Diffuses the beam, providing uniform illumination.

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



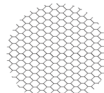


# PHOTOMETRIC DATA

## Additional Lenses and Accessories



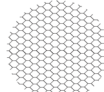


REV 04.10.25

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.


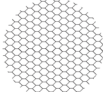


Linear spread film: directs the light into an elongated beam. Typical applications using 10°, 15°, 25° include illuminating landscape oriented art. 35°, 40°, 60° create an elongated oval typically used for wall washing.

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					
BEAM SPREADS	NS (15°), SP (25°), NF (35°), FL (45°), WF (60°)		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.

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-NF-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					
BEAM SPREADS	NS (10°), SP (20°), NF (35°), FL (45°), WF (60°)	NS (15°), SP (25°), FL (45°), WF (60°)	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.

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			
BEAM SPREADS	SP (20°), NF (35°), FL (45°), WF (60°)		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.

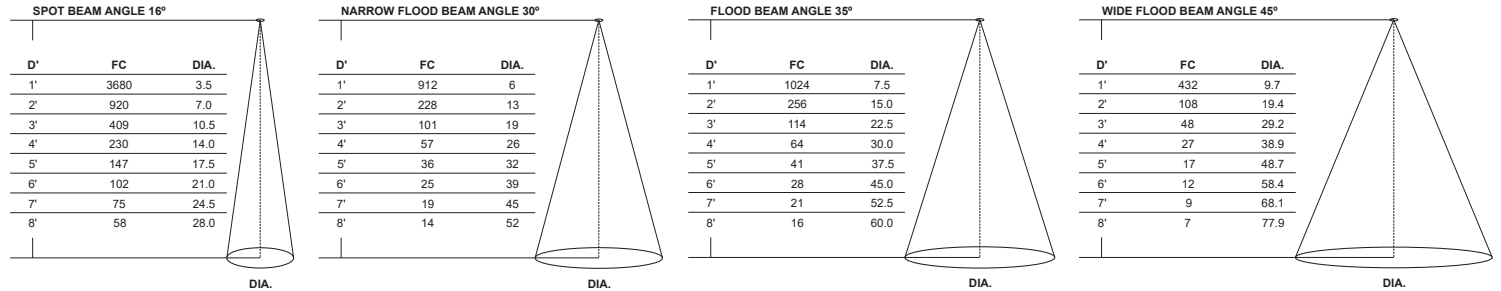
PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--



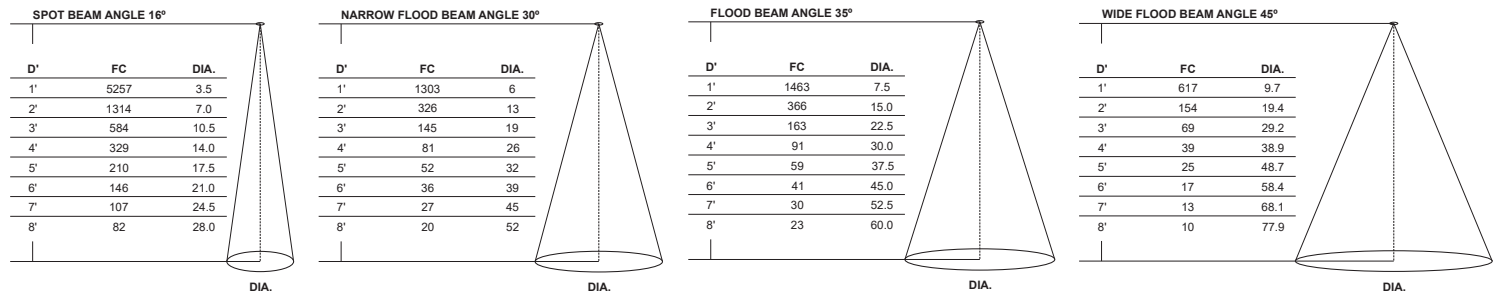
## TUBO LARGE RGBTW SMART TRACKHEAD Photometric Data at 3000K

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

### 12 Watt

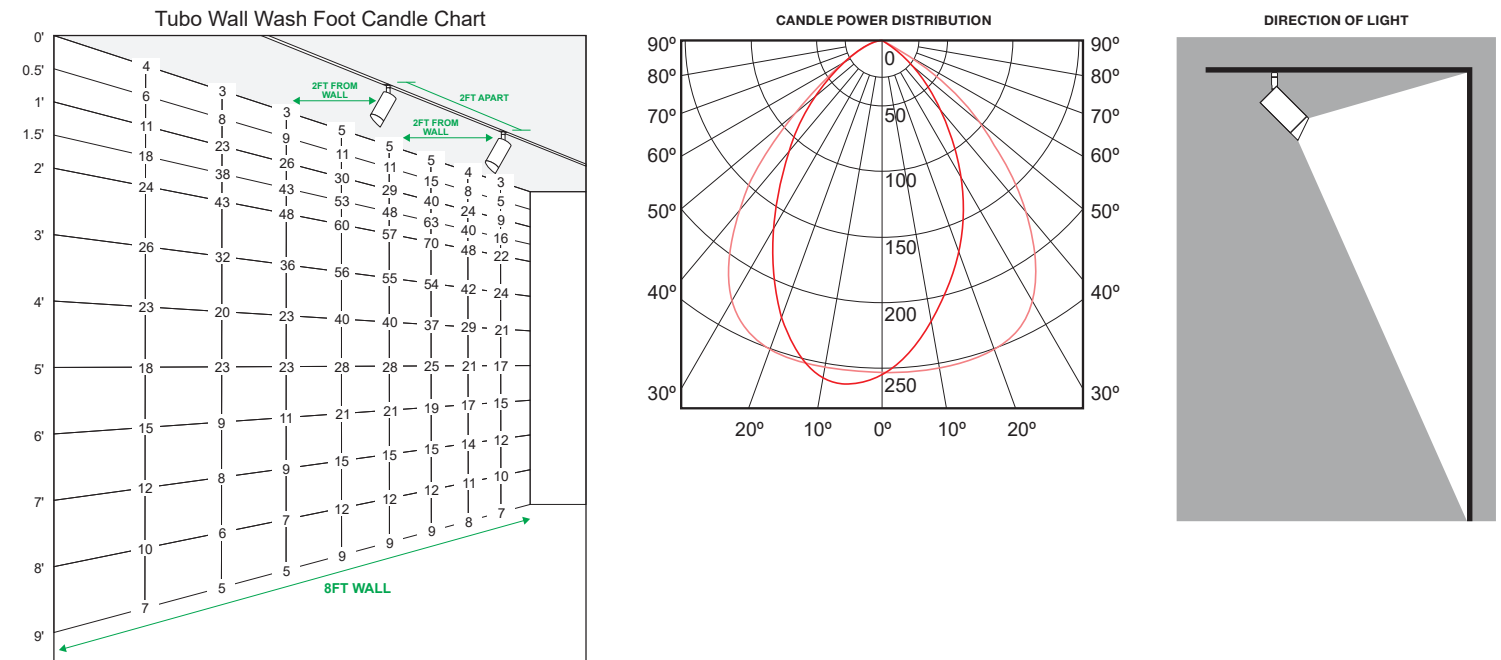


### 17 Watt



## 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



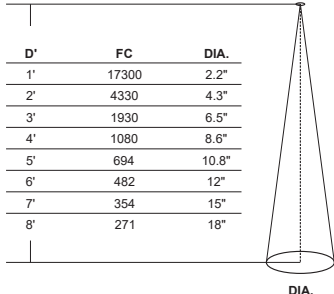
## TUBO LARGE Photometric Data at 3000K

D - Distance from fixture

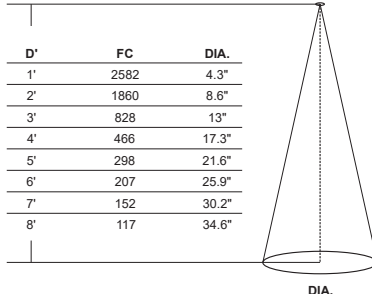
FC - Initial foot candles at the center of beam

DIA - Diameter

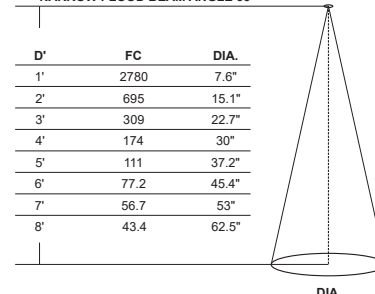
NARROW SPOT BEAM ANGLE 10°



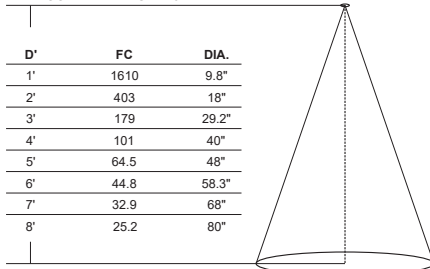
SPOT BEAM ANGLE 20°



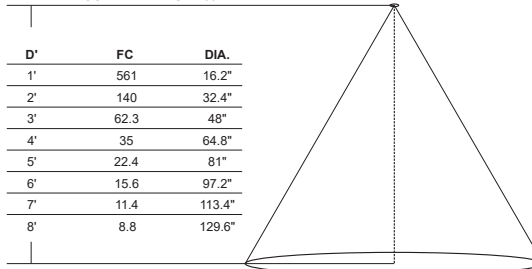
NARROW FLOOD BEAM ANGLE 35°



FLOOD BEAM ANGLE 45°



WIDE FLOOD BEAM ANGLE 60°



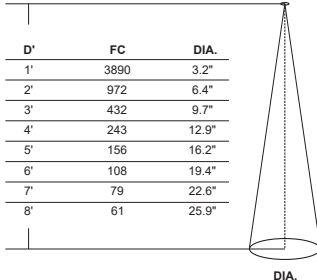
## TUBO SMALL Photometric Data at 3000K

D - Distance from fixture

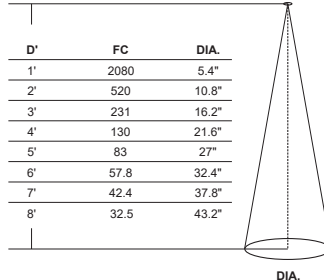
FC - Initial foot candles at the center of beam

DIA - Diameter

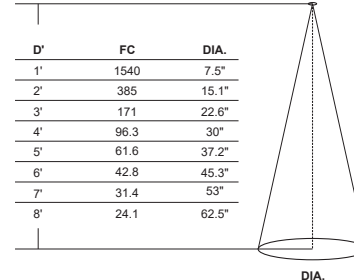
NARROW SPOT BEAM ANGLE 15°



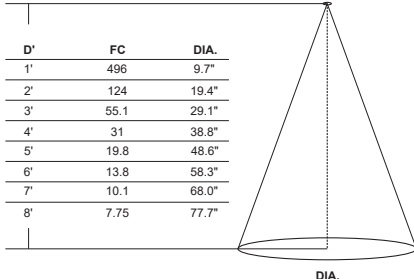
SPOT BEAM ANGLE 25°



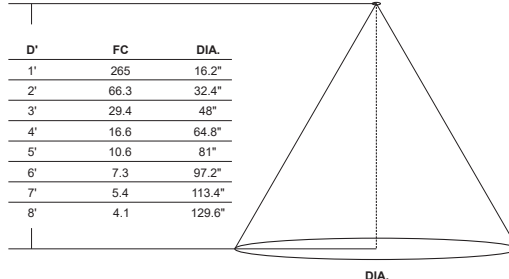
NARROW FLOOD BEAM ANGLE 35°



FLOOD BEAM ANGLE 45°



WIDE FLOOD BEAM ANGLE 60°



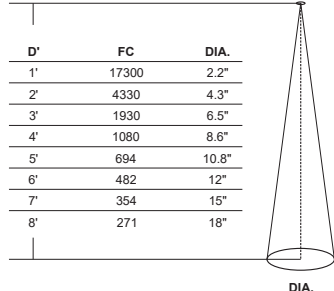
## TUBO LARGE DOWNLIGHT Photometric Data at 3000K

**D** - Distance from fixture

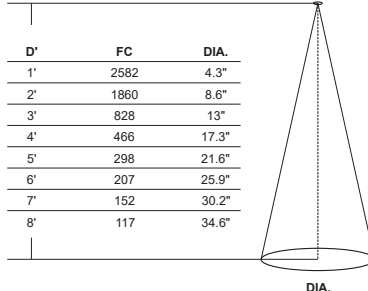
**FC** - Initial foot candles at the center of beam

**DIA** - Diameter

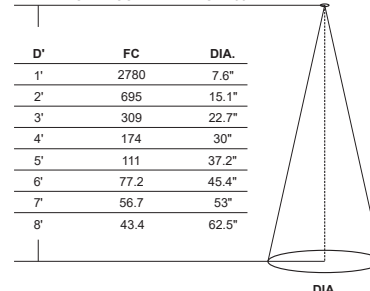
NARROW SPOT BEAM ANGLE 10°



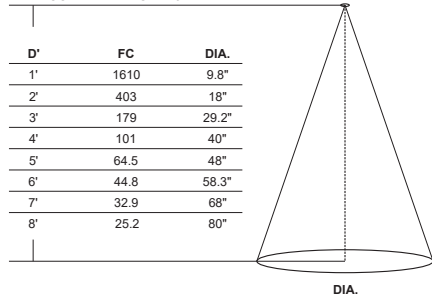
SPOT BEAM ANGLE 20°



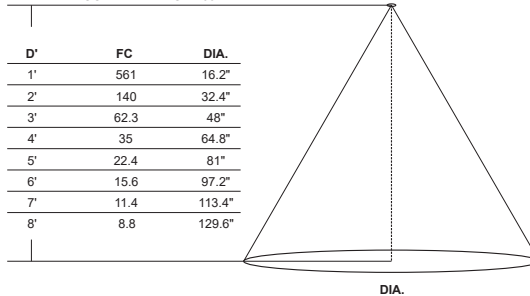
NARROW FLOOD BEAM ANGLE 35°



FLOOD BEAM ANGLE 45°



WIDE FLOOD BEAM ANGLE 60°



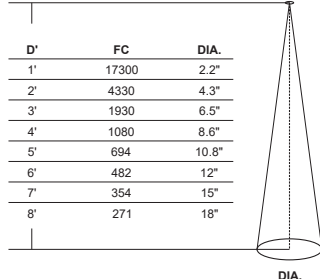
## TUBO SMALL DOWNLIGHT Photometric Data at 3000K

**D** - Distance from fixture

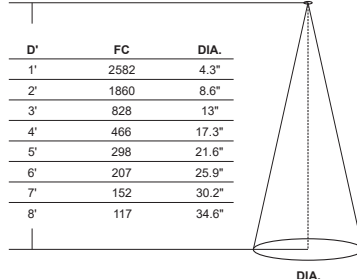
**FC** - Initial foot candles at the center of beam

**DIA** - Diameter

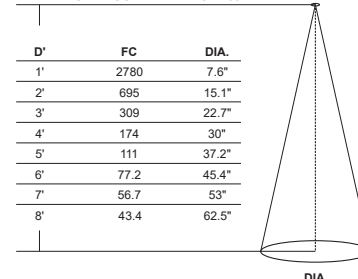
NARROW SPOT BEAM ANGLE 10°



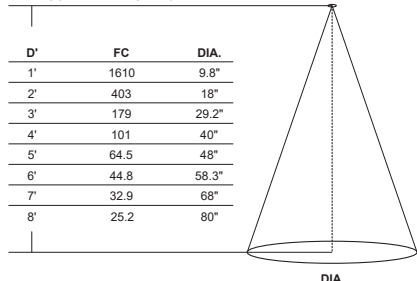
SPOT BEAM ANGLE 20°



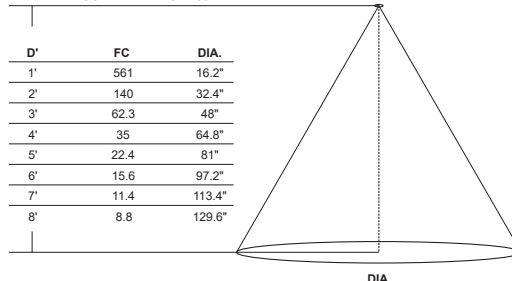
NARROW FLOOD BEAM ANGLE 35°



FLOOD BEAM ANGLE 45°



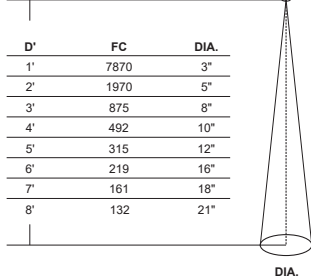
WIDE FLOOD BEAM ANGLE 60°



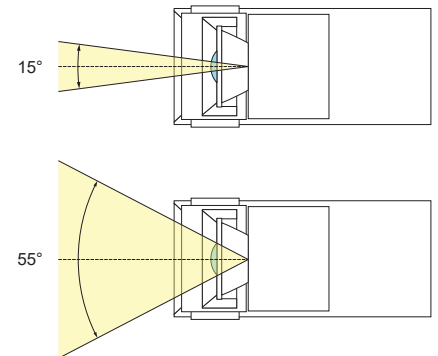
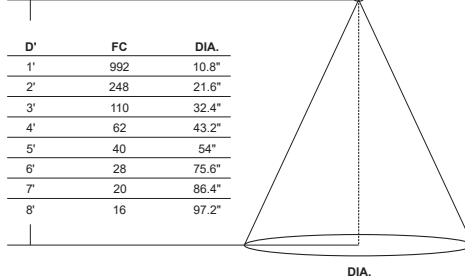
## ZOOM Z1 Photometric Data at 3000K

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

15° BEAM ANGLE



55° BEAM ANGLE

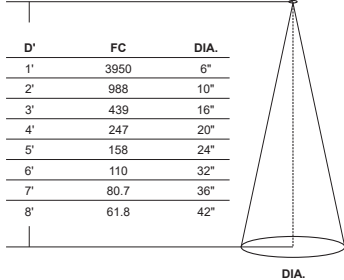


Z1: Adjustable between 15° and 55°

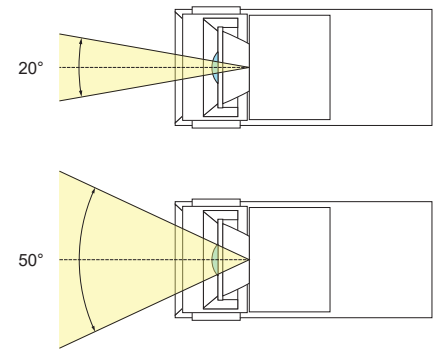
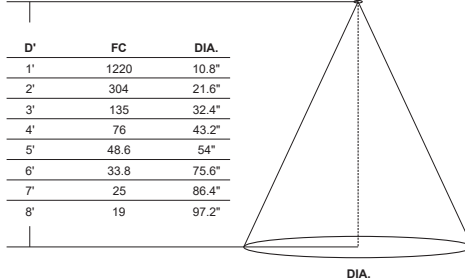
## ZOOM Z2 Photometric Data at 3000K

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

20° BEAM ANGLE



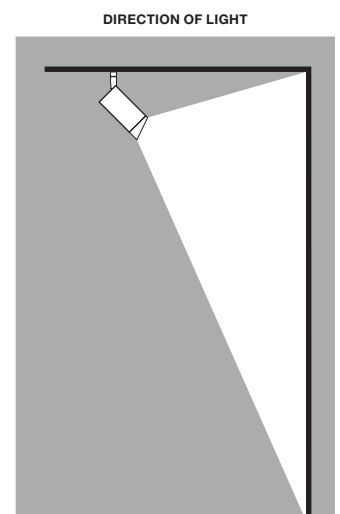
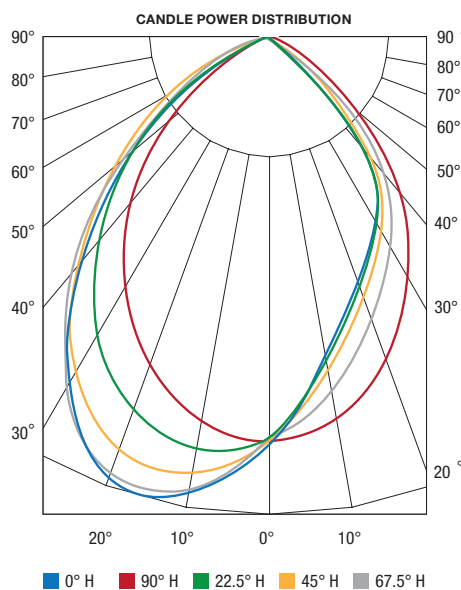
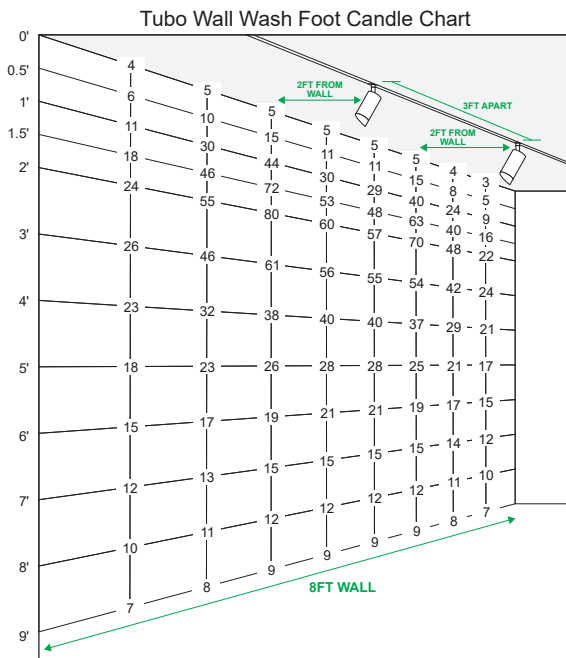
50° BEAM ANGLE



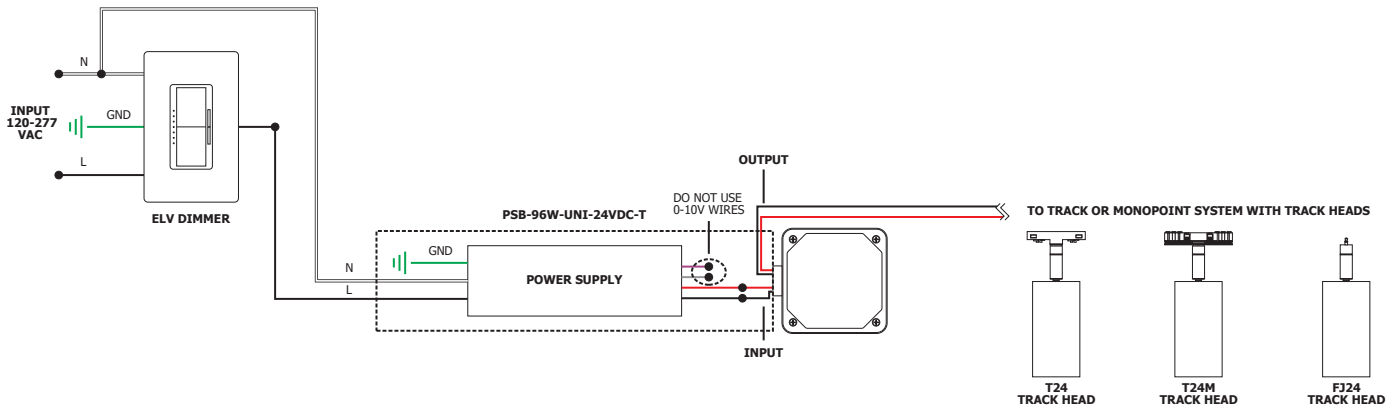
Z2: Adjustable between 20° and 50°

## TUBO WALL WASH Photometric Data at 3000K

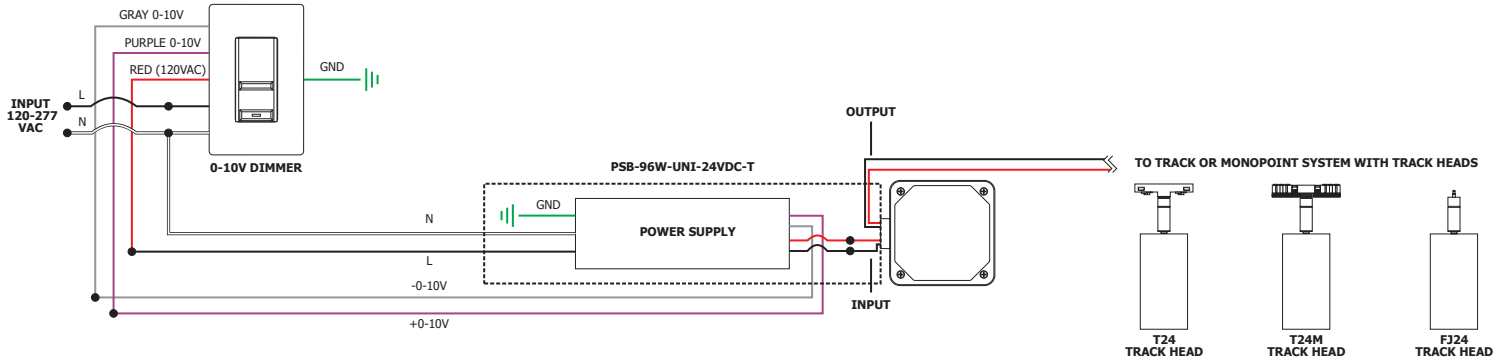
**D** - Distance from fixture  
**FC** - Initial foot candles at the center of beam  
**DIA** - Diameter



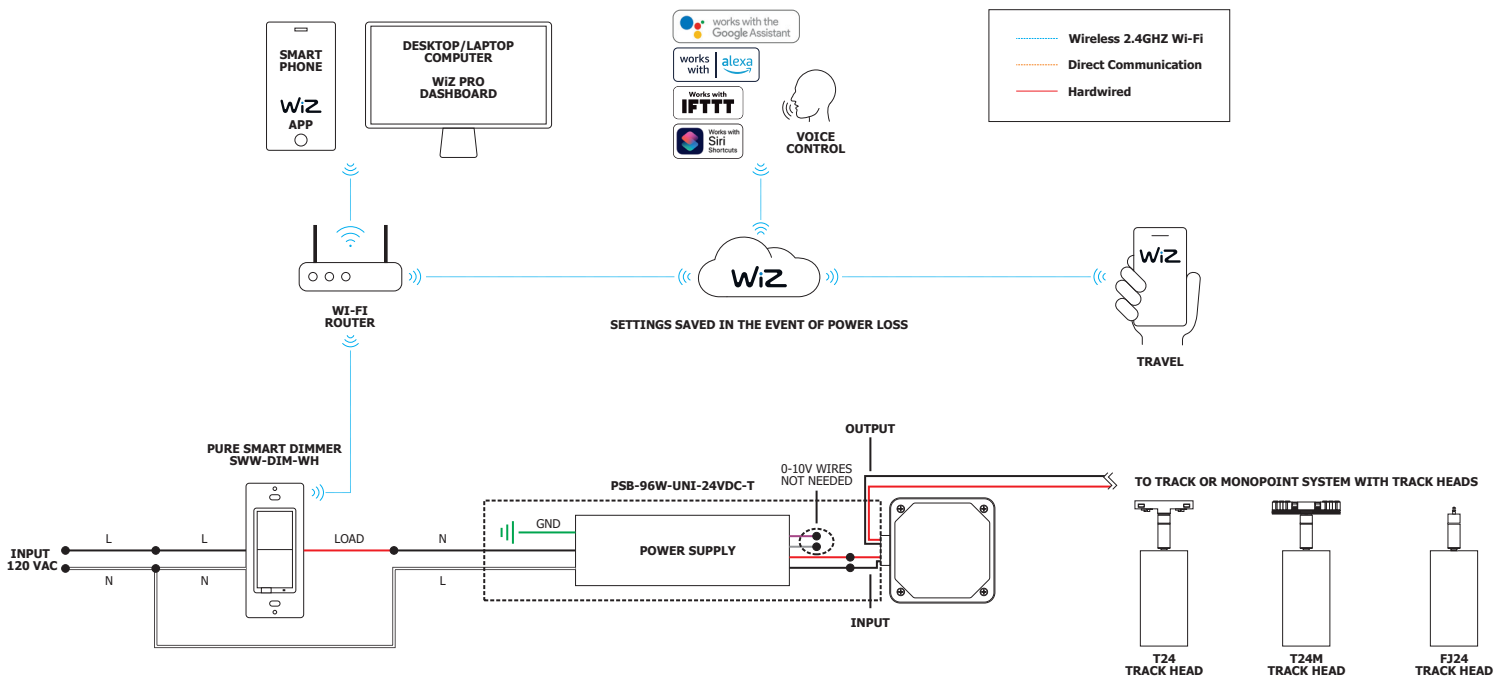
## ELV WIRING DIAGRAM



## 0-10V WIRING DIAGRAM



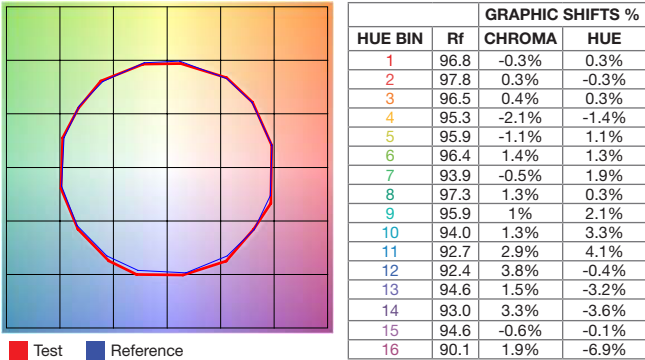
## SMART WIRING DIAGRAM & NETWORK TOPOGRAPHY



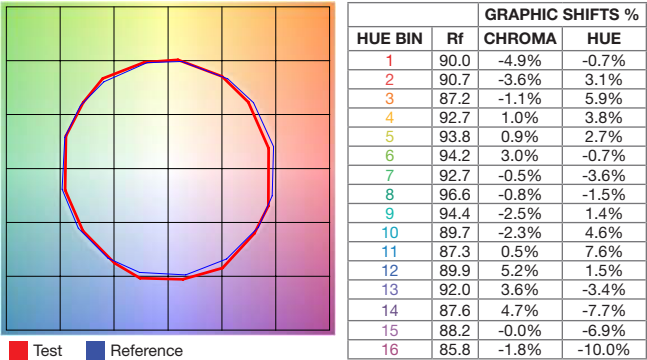
PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

TM30-15 DATA  
T24 TRACK HEADS

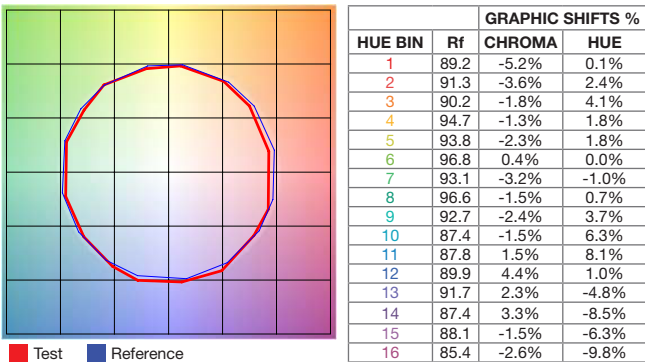
RADIANT LARGE FLOOD 3000K | Rf: 95 | Rg: 101.6  
Color Vector Graphic



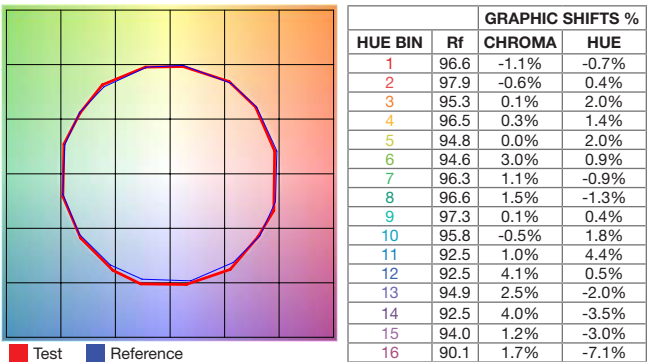
RADIANT MEDIUM FLOOD 3000K | Rf: 89.5 | Rg: 100.8  
Color Vector Graphic



TUBO LARGE FLOOD 3000K | Rf: 91.0 | Rg: 98.0  
Color Vector Graphic



TUBO SMALL FLOOD 3000K | Rf: 95.0 | Rg: 102.2  
Color Vector Graphic



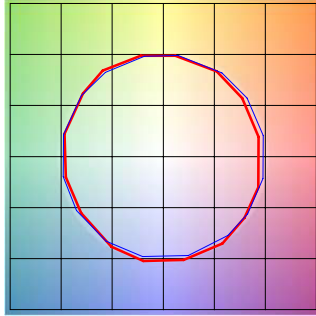
# SUSPENSION TM30 DATA

## 24VDC REMOTE POWER, END FEED

**TM-30-15 DATA:** The data below is for Tubo Large and Tubo Large Downlight. 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 | Rg: 99.6

COLOR VECTOR GRAPHIC

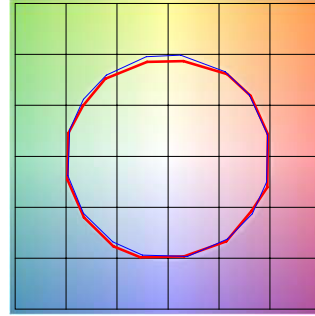


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	90.1	-4.6%	-0.3%
2	90.6	-4.0%	2.7%
3	88.6	-1.6%	5.1%
4	93.1	-0.9%	2.7%
5	94.6	1.1%	3.3%
6	94.6	2.9%	1.0%
7	94.1	-0.2%	-2.7%
8	97.1	-0.9%	-1.2%
9	94.5	-2.4%	1.0%
10	90.3	-2.5%	4.5%
11	88.6	1.5%	7.1%
12	89.2	4.1%	1.5%
13	90.6	3.4%	-5.3%
14	84.5	3.5%	-8.9%
15	92.3	-0.5%	-4.7%
16	85.4	-2.9%	-9.4%

**2700K** | Rf: 93.3 | Rg: 98.8

COLOR VECTOR GRAPHIC

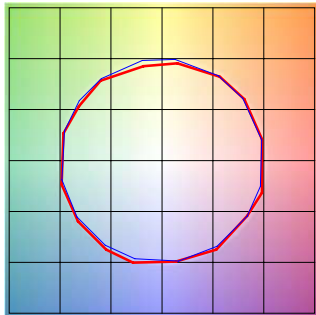


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	95.9	0.3%	0.7%
2	95.5	0.6%	-2.0%
3	93.7	-0.8%	-2.8%
4	89.8	-5.2%	-4.0%
5	93.1	-5.2%	0.2%
6	93.9	-2.4%	2.9%
7	89.0	-3.1%	5.5%
8	93.6	0.5%	3.7%
9	92.9	1.2%	3.8%
10	92.7	2.0%	3.9%
11	93.7	3.2%	2.9%
12	93.7	2.7%	1.8%
13	94.9	-0.7%	-3.4%
14	94.7	1.3%	-2.4%
15	92.9	-2.1%	2.0%
16	92.2	1.7%	-5.0%

**3000K** | Rf: 91 | Rg: 98

COLOR VECTOR GRAPHIC

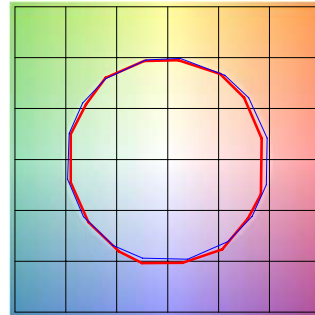


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	96.4	-0.2%	0.4%
2	97.7	0.3%	-0.5%
3	96.5	0.2%	-0.0%
4	95.5	-2.0%	-1.3%
5	93.8	-3.7%	0.6%
6	96.9	0.6%	1.4%
7	93.3	-1.4%	2.6%
8	97.6	0.7%	0.9%
9	94.4	0.7%	3.4%
10	92.1	1.1%	4.2%
11	91.6	2.7%	4.5%
12	92.0	4.7%	-0.4%
13	95.2	1.2%	-2.7%
14	93.1	3.4%	-3.2%
15	92.5	0.3%	-1.3%
16	90.1	2.4%	-6.9%

**3000D** | Rf: 94.5 | Rg: 100.3

COLOR VECTOR GRAPHIC

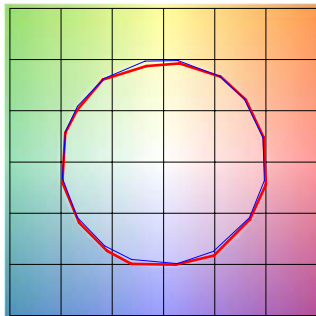


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	88.7	-5.3%	0.5%
2	90.7	-3.6%	2.8%
3	89.4	-1.7%	4.6%
4	93.3	-2.1%	1.4%
5	94.6	-0.8%	2.2%
6	96.2	0.6%	-0.2%
7	92.5	-3.4%	-0.9%
8	96.4	-1.7%	0.5%
9	92.0	-2.4%	3.7%
10	87.3	-1.1%	7.1%
11	87.6	1.7%	8.2%
12	89.2	4.8%	0.4%
13	90.6	2.5%	-5.7%
14	86.7	3.3%	-9.0%
15	90.9	-2.4%	-3.9%
16	84.1	-3.5%	-10.3%

**3500K** | Rf: 93.9 | Rg: 100.9

COLOR VECTOR GRAPHIC



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	95.7	0.6%	0.3%
2	96.7	0.8%	-1.2%
3	96.0	0.2%	-1.0%
4	94.3	-2.5%	-1.9%
5	93.2	-4.8%	-0.2%
6	97.1	-0.3%	1.4%
7	93.8	-1.7%	3.2%
8	97.3	0.2%	1.3%
9	93.3	0.8%	4.2%
10	91.4	1.4%	5.2%
11	90.6	2.8%	4.5%
12	92.6	4.4%	3.0%
13	96.3	0.7%	-1.9%
14	93.9	3.6%	-1.8%
15	92.4	1.2%	-0.9%
16	91.5	2.3%	-3.3%