TS24 TRACK SURFAC SINGLE CIRCUIT, 24VDC

PURE LIGHTING

DESIGNED BY GREGORY KAY I ASSEMBLED IN AMERICA REV 05.03.22





DESCRIPTION

The TS24 Track Surface Mount is designed with a 24VDC remote power supply and smaller track heads which create a refined appearance. The Single Circuit Track comes with a plastic slot cover that hides the #10 Gauge Copper Track allowing the system to blend into the ceiling. Offered in various lengths and can be cut in the field. The T24 Track Heads offer the latest in LED technology including Warm Dim.

FEATURES

- Designed for use with 24VDC Universal Remote Power Supplies up to 40' away
- Remote Power Supply, and smaller Track Heads create a refined architectural aesthetic
- Track Heads allow you to easily adjust the fixture direction, tilt and rotation with one hand
- 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 and Center, up to 100 Watts before re-feeding, 200 Watts with Center Feed
- TS24 Track Surface Mount is available in 2', 4', 6' and 8' lengths, with the ability to be cut in the field
- Opaque white cover is included to conceal the track slot
- 10 Gauge busbar helps to eliminate voltage drop

APPLICATIONS

PROJECT

Suitable for damp or dry location. Interior use only.

FINISH & MATERIAL





Black Powder Coat **BK**

White Powder

 Extruded Aluminum Channel and a pair of #10 Gauge copper busbar conductors

TRACK HEAD, INTEGRAL LED

- 30D (Warm Dim 3000K-1900K) or Standard dim in 24K, 27K, 30K and 35K
- 50,000 Hour Lamp Life

POWER SUPPLY AND DIMMING (SOLD SEPARATELY)

24VDC, Class 2 wiring

• <u>UNI Driver</u>: Universal Dimming (TRIAC, ELV, 0-10V)
*In-Wall Mounting and drop ceiling Kits available for select power supplies

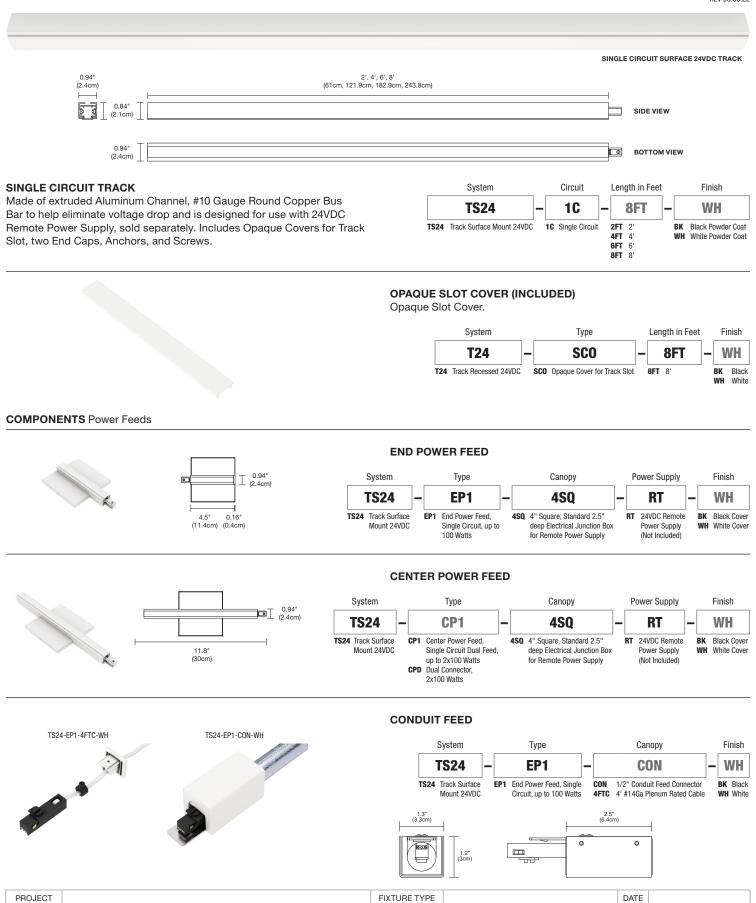
WARRANTY / LABELS

5 year warranty. Assembled in America ETL (Conforms to UL 2018 and CSA 22.2 #250.0)

		FIXTURE TYPE		DATE		
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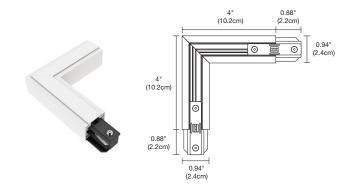


TS24 TRACK SURFACE SINGLE CIRCUIT, 24VDC

PURE LEDGE

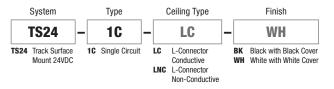
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COMPONENTS Connectors, End Cap, & Mounting Clips



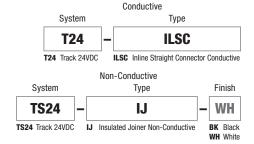
L-CONNECTOR

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

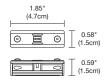


STRAIGHT CONNECTOR

Miniature Straight Connector joins two Track sections end to end and may be covered by the Plastic Insert.

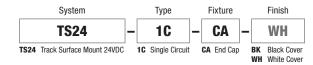




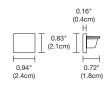


END CAP

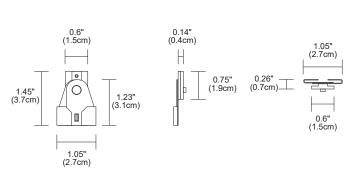
Need to order with each dead end of TS24 Track System.





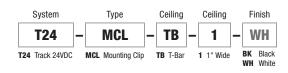






TRACK SURFACE T-BAR CEILING MOUNTING CLIP (FOR 1" WIDE T-BAR)

Order 1 for every 2ft of TS24 Track.

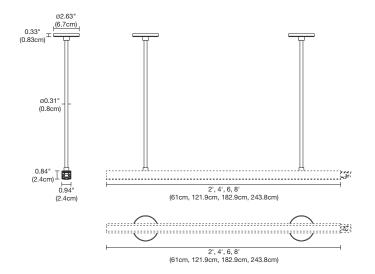




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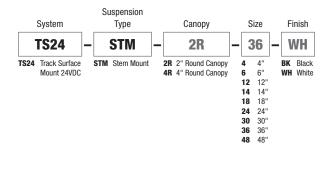
STEM MOUNT Components

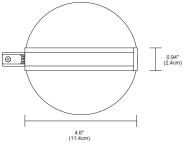
SINGLE CIRCUIT, 24VDC



STEMS WITHOUT POWER

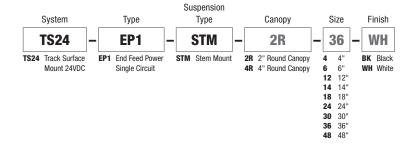
The TS24 Stem Mount allows the TS24 track system to be suspended from a ceiling. Available in sizes from 4" to 48". White Finish Options, 4" Round Canopy or 2" Round canopy. Custom sizes are available upon request.





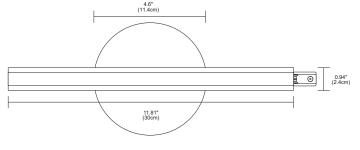
STEM END FEED WITH POWER

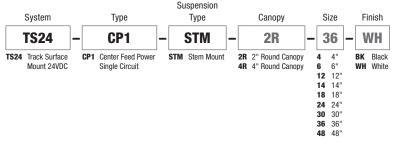
The TS24 End Feed Stem Mount Single Circuit With Power allows the TS24 track to be suspended and powered from a ceiling up to 40' away. Stem lengths available in sizes from 4" to 48", with choice of 4.6" Round canopy that fits on a standard J box or 2.6" Round Canopy for new construction that comes with its own 2" J box and plaster ring. White Finish Options. Custom sizes are available upon request.



STEM CENTER FEED WITH POWER

The TS24 Center Feed Stem Mount Single Circuit With Power allows the TS24 track to be suspended and powered from a ceiling up to 40' away, with remote power supply. Stem lengths available in sizes from 4" to 48", with choice of 4.6" Round canopy that fits on a standard J box or 2.6" Round Canopy for new construction that comes with its own 2" J box plaster ring. White Finish Options. Custom sizes are available upon request.



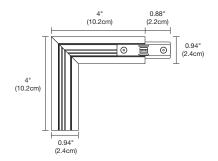


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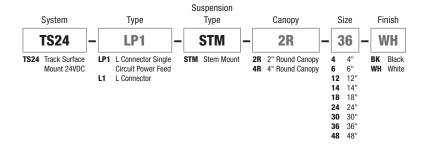
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STEM MOUNT Components



STEM L CONNECTOR WITH POWER

The TS24 Feed Stem Mount Single L Connector Single Circuit With Power allows the TS24 track to be suspended and powered from a ceiling up to 40' away with remote power supply. Stem lengths available in sizes from 4" to 48", with choice of 4.6" Round canopy that fits on a standard J box or 2.6" Round Canopy for new construction that comes with its own 2" J box plaster ring. White Finish Options. Custom sizes are available upon request.





T24 TRACK HEADS

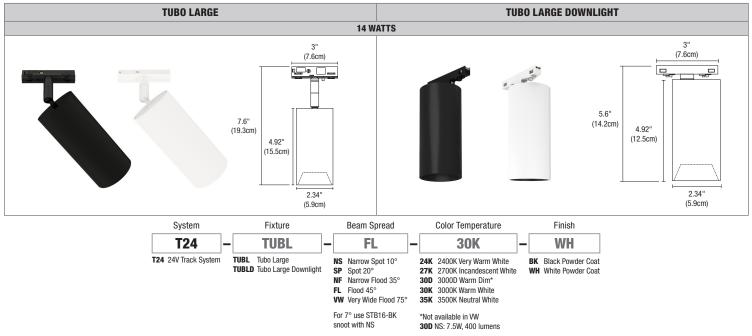
24VDC WITH INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY



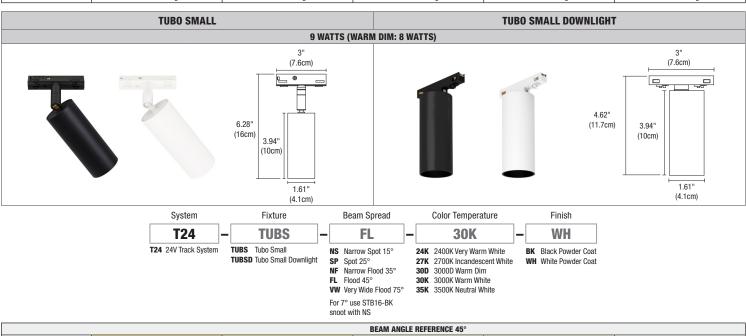
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PureEdge T24 Track Heads are Compatible with TruTrack® (TR24) Pipeline Systems including Modular Suspension, Pipeline Track Suspensions and Pipeline Stem Mount Wall/Display (P1SDM, PT, PSTU2CR, PSTU2CR) and Surface Mount track (TS24).

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



			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 (Im/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



			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 (Im/w)	59	49	51	39	61
CRI	97	92	93	94	98
TM-30 DATA	R9: 60 Rf: 93 Rg: 98	R9: 97 Rf: 92 Rg: 100	R9: 64 Rf: 91 Rg: 98	R9: 90 Rf: 95 Rg:102	R9: 92 Rf: 94 Rg:101

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

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T24 TRACK HEADS

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

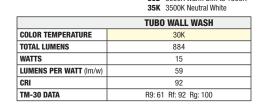
T24 Track Head 24V

TUBL Tubo Large



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24K 2400K Very Warm White

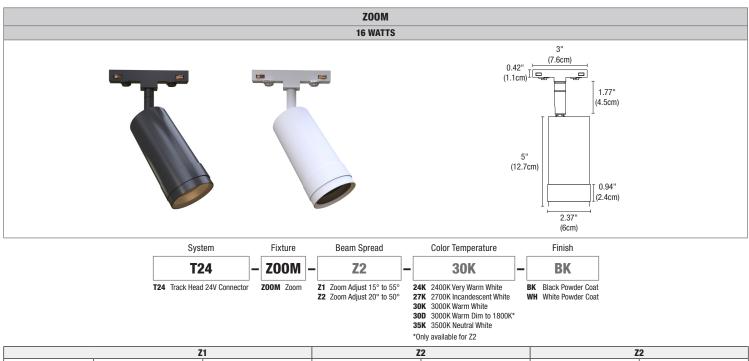
30K 3000K Warm White **30D** 3000K Warm Dim to 1800K

27K 2700K Incandescent White

BK Black Powder Coat

WH White Powder Coat

WW Wall Wash



	Z1		Z	2	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

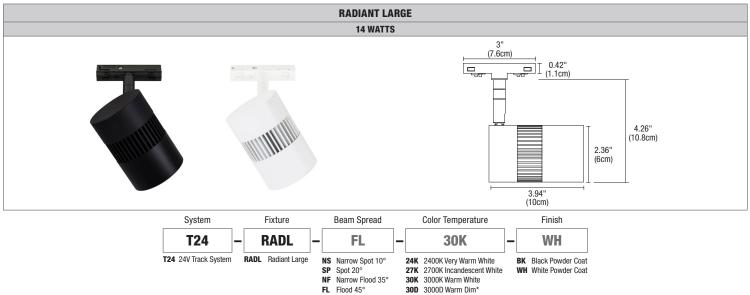
T24 TRACK HEADS

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



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



			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 (Im/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

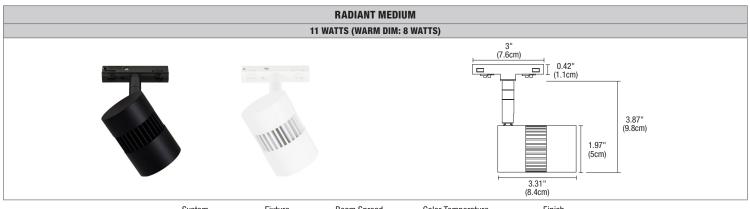
35K 3500K Neutral White

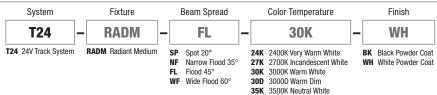
*Not available in NF

WF Wide Flood 60°

NS (15°), SP (25°)

Warm Dim:





			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 (Im/w)	70	58	64	47	76
CRI	97	92	93	93	98
TM-30 DATA	R9: 97 Rf: 92 Rg: 100	R9: 64 Rf: 91 Rg: 98	R9: 90 Rf: 95 Rg:102	R9: 92 Rf: 94 Rg:101	R9: 92 Rf: 94 Rg:101

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

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REV 06.24.22 Additional Lenses and Accessories **TUBO LARGE LENS** SNOOT LOUVER **FOCUS LENS LINEAR SPREAD FILM** STATIC WHITE WARM DIM LEN-TUBL-NS-SW LEN-TUBL-NS-WD LF-TUBL-SF (SOFT FOCUS), LEN-TUBL-SP-SW LEN-TUBL-SP-WD STR16-RK ST16-BK ORDERING CODE LF-TUBL-LS L016-H MF (MEDIUM FOCUS), STB16-WH (WHITE SHELL) LEN-TUBL-NF-SW LEN-TUBL-NF-WD ST16-WH WF (WIDE FOCUS) LEN-TUBL-FL-SW LEN-TUBL-FL-WD LEN-TUBL-VW-SW LENS SIZE 2" (50mm) Diameter Linear spread film: directs the light into an elongated Conical spoot creates a 7° Soft focus lens is included heam Typical applications Snoot is designed to reduce using 10°, 15°, 25° include Beam spread and is designed Hexcell louver eliminates glare. with every track head. spill and control glare. NS (10°), SP (20°), NF (35°) to reduce spill and control 0.125" Thickness. Diffuses the beam, providing illuminating landscape oriented BEAM SPREADS Spun aluminum. FL (45°), VW (75°) glare. Spun aluminum. uniform illumination art. 35°. 40°. 60° create an elongated oval typically used for wall washing. **TUBO SMALL LENS SNOOT LOUVER FOCUS LENS LINEAR SPREAD FILM** STATIC WHITE WARM DIM LEN-TUBS-NS-SW LEN-TUBS-NS-WD LF-TUBS-SF (SOFT FOCUS), TUBS-ST-BK LEN-TURS-SP-SW LEN-TURS-SP-WD MF (MEDIUM FOCUS), ORDERING CODE L011-H I F_TIIRS_I S LEN-TUBS-NF-SW **TUBS-ST-WH (WHITE SHELL)** LEN-TUBS-NF-WD WF (WHITE FOCUS) LEN-TUBS-FL-SW LEN-TUBS-FL-WD LEN-TUBS-VW-SW LEN-TUBS-VW-WD Linear spread film: directs LENS SIZE 1.37" (35mm) Diameter the light into an elongated beam. Typical applications Soft focus lens is included Conical snoot creates a 7° Beam spread and is designed to Hexcell louver eliminates glare. with every track head. using 10°, 15°, 25° include illuminating landscape oriented art. 35°, 40°, 60° create an NS (15°), SP (25°), NF (35°), reduce spill and control glare. Spun aluminum 0.125" Thickness. Diffuses the beam, providing **BEAM SPREADS** FL (45°), VW (75°) uniform illumination. elongated oval typically used for wall washing. **RADIANT LARGE LENS LOUVER FOCUS LENS LINEAR SPREAD FILM** STATIC WHITE WARM DIM LEN-RADL-NS-SW LEN-RADL-NS-WD LF-RADL-SF (SOFT FOCUS), STB16-BK LEN-RADL-SP-SW LEN-RADL-SP-WD MF (MEDIUM FOCUS), ORDERING CODE L016-H LF-RADL-LS STB16-WH (WHITE SHELL) LEN-RADL-NF-SW LEN-RADL-FL-WD WF (WIDE FOCUS) LEN-RADL-FL-SW LEN-RADL-WF-WD LEN-RADI-WF-SW Linear spread film: directs **LENS SIZE** 2" (50mm) Diameter the light into an elongated Soft focus lens is included beam. Typical applications Conical shoot creates a 7° Ream shread and is designed to Hexcell louver eliminates glare with every track head. using 10°, 15°, 25° include illuminating landscape oriented NS (10°), SP (20°), reduce spill and control glare. Spun aluminum 0.125" Thickness. Diffuses the beam, providing NS (15°), SP (25°), **BEAM SPREADS** NF (35°), FL (45°), uniform illumination. art. 35°, 40°, 60° create an **FL** (45°), **WF** (60°) WF (60°) elongated oval typically used for wall washing. **RADIANT MEDIUM LENS** LOUVER **FOCUS LENS LINEAR SPREAD FILM** STATIC WHITE **WARM DIM** LEN-RADM-SP-SW LEN-RADM-SP-WD LF-RADM-SF (SOFT FOCUS) ORDERING CODE LEN-RADM-NF-SW LEN-RADM-NF-WD L011-H LF-RADM-LS MF (MEDIUM FOCUS), WF (WIDE FOCUS) LEN-RADM-FL-SW LEN-RADM-FL-WD LEN-RADM-WF-SW LEN-RADM-WF-WD Linear spread film: directs the light into an elongated **LENS SIZE** 1.37" (35mm) Diameter MR16 Hexcell louver accessory eliminates glare. beam. Typical applications using 10°, 15°, 25° Soft focus lens is included with every track head 2" Diameter x .125" Thick. include illuminating landscape oriented art. Diffuses the beam, providing uniform illumination. BEAM SPREADS SP (20°), NF (35°), FL (45°), WF (60°) 35°, 40°, 60° create an elongated oval typically Hexcell louver eliminates glare. 0.125" Thickness. used for wall washing. **PROJECT** FIXTURE TYPE DATE







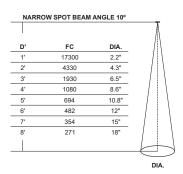
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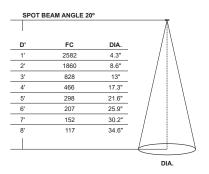
TUBO LARGE Photometric Data at 3000K

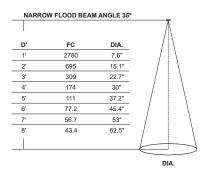
D - Distance from fixture

FC - Initial foot candles at the center of beam

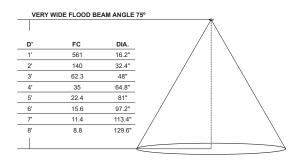
DIA - Diameter







FLOOD	BEAM ANGLE	15°		
			/	
D'	FC	DIA.	/	\
1'	1610	9.8"	/	\
2'	403	18"	/	\
3'	179	29.2"	/	\
4'	101	40"	/	\
5'	64.5	48"	/	\
6'	44.8	58.3"	/	\
7'	32.9	68"	/	\
8'	25.2	80"	/	\
			/	\
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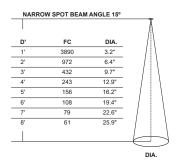


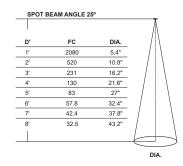
TUBO SMALL Photometric Data at 3000K

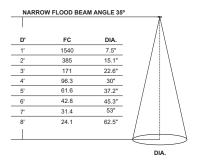
D - Distance from fixture

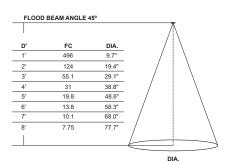
FC - Initial foot candles at the center of beam

DIA - Diameter









D'	FC	DIA.	/	
1'	265	16.2"	/	\
2'	66.3	32.4"	/	
3'	29.4	48"	/	
4'	16.6	64.8"	/	\
5'	10.6	81"	/	
6'	7.3	97.2"	/	
7'	5.4	113.4"	/	\
8'	4.1	129.6"	/	
1			/	







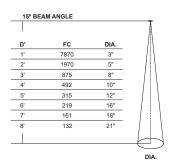
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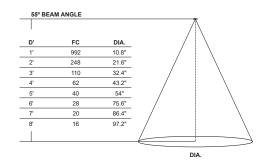
ZOOM Z1 Photometric Data at 3000K

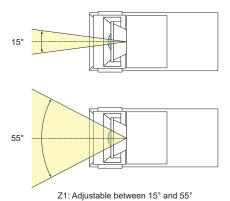
D - Distance from fixture

FC - Initial foot candles at the center of beam

DIA - Diameter





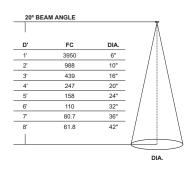


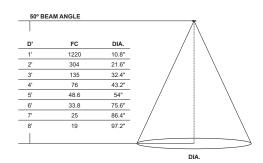
ZOOM Z2 Photometric Data at 3000K

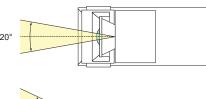
D - Distance from fixture

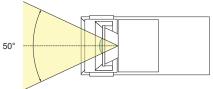
FC - Initial foot candles at the center of beam

DIA - Diameter









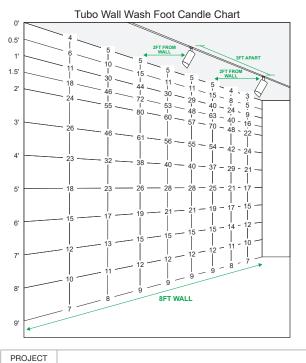
Z2: Adjustable between 20° and 50°

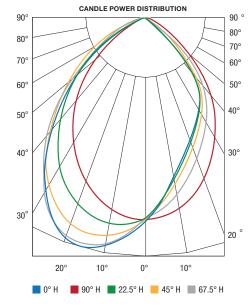
TUBO WALL WASH Photometric Data at 3000K

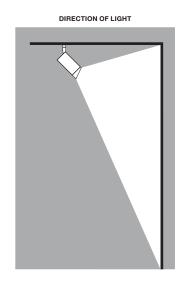
D - Distance from fixture

 $\ensuremath{\mathbf{FC}}$ - Initial foot candles at the center of beam

DIA - Diameter







FIXTURE TYPE DATE







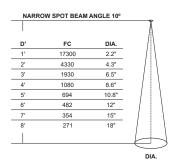
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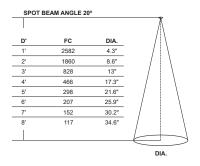
RADIANT LARGE Photometric Data at 3000K

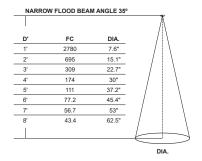
D - Distance from fixture

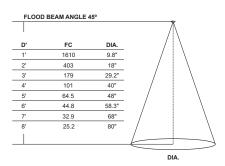
FC - Initial foot candles at the center of beam

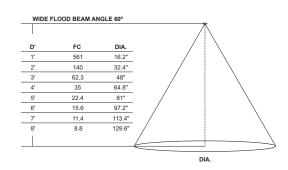
DIA - Diameter









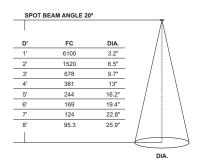


RADIANT MEDIUM Photometric Data at 3000K

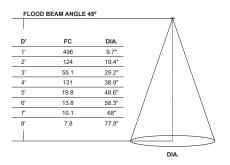
D - Distance from fixture

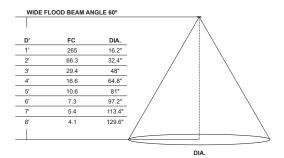
FC - Initial foot candles at the center of beam

DIA - Diameter



۷F	LOO	D BE	AM A	NGLE	35°			7
	F	:		DIA.				
	154	10		7.6"				
	38	5		15.1			/	\
	17	1		22.7			/	\
	96	.3		30"	_	- /		\
	61.	.6		37.2		- /		\
	42	.8		45.4	-			'
	31	.4		53"		/		l
	24	.1		62.5		/		
						1_		
						\leftarrow)





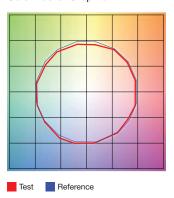
PROJECT	FIXTURE TYPE	DATE	



REV 06.24.22

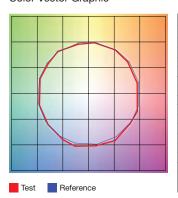
TM-30-15 DATA: Consistent color temperatures among multiple track heads is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

2400K | Rf: 91.2 | Rg: 96.8 Color Vector Graphic



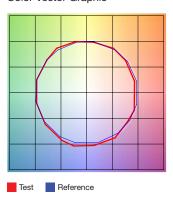
		GRAPHIC SHIFTS %				
HUE BIN	Rf	CHROMA	HUE			
1	92.0	-2.4%	1.5%			
2	94.7	-2.1%	0.0%			
3	95.4	-1.9%	-0.1%			
4	88.7	-6.7%	-3.1%			
5	92.8	-5.6%	1.0%			
6	92.7	-3.4%	3.4%			
7	89.9	-4.3%	4.1%			
8	92.4	-1.4%	4.4%			
9	89.0	-0.6%	5.8%			
10	88.9	0.4%	6.2%			
11	89.7	4.0%	5.4%			
12	92.6	3.0%	-0.7%			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

3000K | Rf: 88.1 | Rg: 99.7 Color Vector Graphic



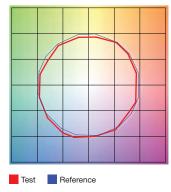
		GRAPHIC SHIFTS %		
HUE BIN	Rf	CHROMA	HUE	
1	92.5	-3.1%	0.3%	
2	93.3	-2.3%	1.9%	
3	90.9	-0.8%	3.9%	
4	94.3	-1.1%	1.4%	
5	92.5	-2.6%	1.5%	
6	96.4	1.2%	-0.3%	
7	92.6	-2.5%	-0.0%	
8	96.9	-1.4%	0.2%	
9	92.3	-1.8%	4.3%	
10	86.6	-0.7%	7.0%	
11	86.5	2.4%	8.2%	
12	89.8	5.9%	1.7%	
13	93.9	2.6%	-2.7%	
14	89.4	5.1%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

3000D | Rf: 89.8 | Rg: 101.4 Color Vector Graphic



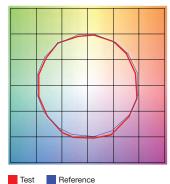
		GRAPHIC SHIFTS %				
HUE BIN	Rf	CHROMA	HUE			
1	90.2	-4.2%	1.5%			
2	90.9	-2.0%	3.7%			
3	87.9	0.8%	5.5%			
4	92.1	-0.9%	0.6%			
5	93.0	1.5%	1.6%			
6	92.2	3.9%	-0.2%			
7	92.1	-0.3%	-2.0%			
8	96.7	0.0%	-1.2%			
9	92.5	-0.6%	3.7%			
10	88.3	1.1%	7.0%			
11	87.2	4.1%	7.4%			
12	87.2	6.7%	-1.0%			
13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

2700K | Rf: 87.7 | Rg: 96.1 Color Vector Graphic



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

3500K | Rf: 86.1 | Rg: 95.5 Color Vector Graphic



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

PROJECT FIXTURE TYPE DATE