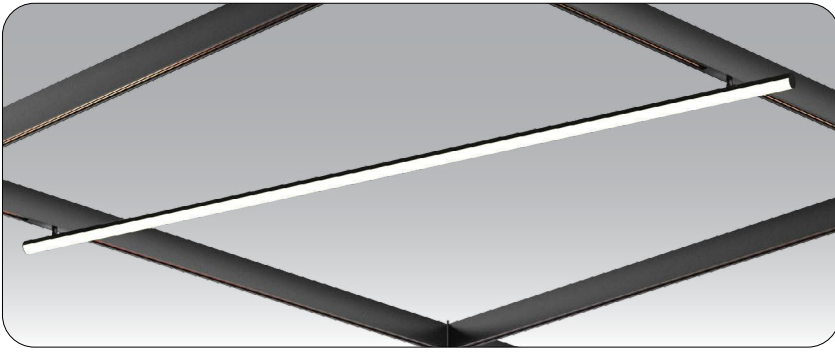


Orbit Tube

Bridge

Track Element & Decorative



Project _____

Type _____

Notes _____



Please specify location of orbit tube on system configuration drawing

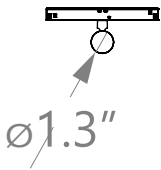
SPECIFICATIONS TABLE

AXISTRAK™ TOTAL POWER PER SEGMENT	60 W
UNIT POWER CONSUMPTION (details on page 4)	30 W Max
NOMINAL WEIGHT (for 7 ft)*	2.25 lbp / 1.02 kg
* Shown for 7 ft length. See page 2 for all lengths.	

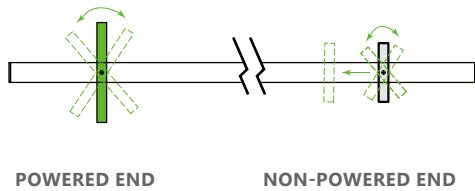
● NOMINAL LUMEN OUTPUT AT 3500K

Bridge Distance	Min lumen output (LO)	Max lumen output (HI)	Wattage Min	Wattage Max	Efficacy
4 ft	200 lm/ft	600 lm/ft	10 W	30 W	109 lm/W
5 ft	170 lm/ft	500 lm/ft			
6 ft	145 lm/ft	430 lm/ft			
7 ft	125 lm/ft	375 lm/ft			
7.5 ft	120 lm/ft	350 lm/ft			
8 ft	110 lm/ft	330 lm/ft			

SECTION VIEW



TRACK MOUNTING



Ordering Guide

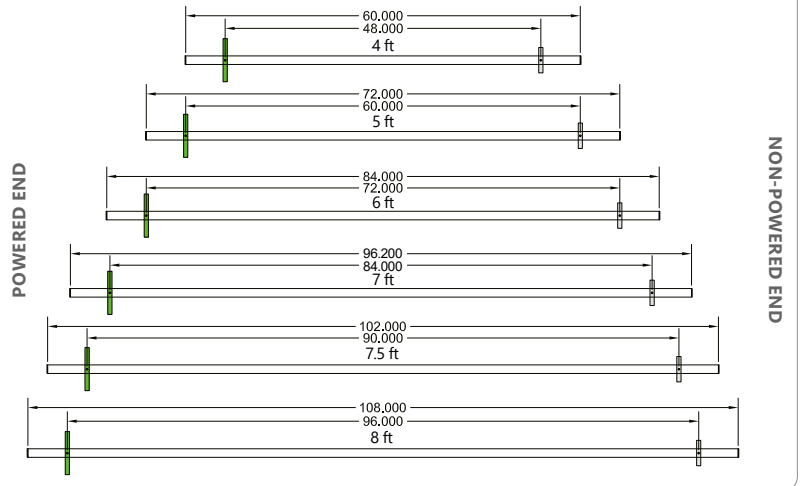
TDOB		SO							
PRODUCT ID	BRIDGE LENGTH	SHIELDING	NOM. LUMEN OUTPUT	CRI	COLOR TEMP.	HOUSING FINISH	MOUNTING		
TDOB Orbit Tube Bridge	4 4' 5 5' 6 6' 7 7' 7.5 7.5' 8 8'	SO spotless lens	# lumen per foot	90 90 CRI	27 2700 K 30 3000 K 35 3500 K 40 4000 K	BLK black W white	AXT AxisTrak™		
				Please note that Max lumen output will vary with length of Orbit Tube. See Table above for lumen output ranges.					

CONTROLS

- DP** integral driver 0-10V dimming (1%) - wired*
- DALIDT6** integral driver DALI 2.0 Type 6 - wired**
- EP** integral driver for Empower wireless with integral sensor / control module***

* Available with multicircuit wiring.
 ** Must use IMWD controls option with SFF framework, and DALIDT6CV(#) controls option with AxisTrak insert.
 *** Must use IMWEP controls option with SFF framework, and EPCV(#) controls option with AxisTrak insert.

AVAILABLE BRIDGE LENGTHS



Patent number: 11,118,765

Product design and development is an ongoing process at Axis Lighting. We reserve the right to change specifications. Contact Axis for the latest product information.

● CONSTRUCTION

Housing	Extruded aluminum (0.070" nominal)
End Cap	Die cast aluminum
Lens	Extruded acrylic
Mounting	Powered end: Fixed rotating track mount with the integral driver. Non-powered end: Rotating and translating non-powered track mount.

● LED SYSTEM

CRI	Minimum 80 or 90 color rendering index
CCT	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3-step MacAdam ellipse).
LED life	Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal Management	Aluminum housing acting as the heat sink to maximize life.

● NOMINAL WEIGHT

PRODUCT	BRIDGE LENGTH (ft)	WEIGHT (lbp)	WEIGHT (kg)
Orbit Tube Bridge	4'	1.35	0.61
	5'	1.65	0.75
	6'	1.95	0.88
	7'	2.25	1.02
	7.5'	2.40	1.09
	8	2.55	1.16


● ELECTRICAL

DP	Integral 0-10v 1% dimming low voltage driver (48V)
DALIDT6	Integral Dali 2.0 D4i type 6 low voltage driver (48V)
EP	Integral Dali 2.0 D4i interface to connect to wireless/sensor node on the AxisTrack (48V)
i	Incorporating these components may have limitations or affect the length of the luminaire, please contact factory for more details.

● FINISH

Powder coated black or white finishes.

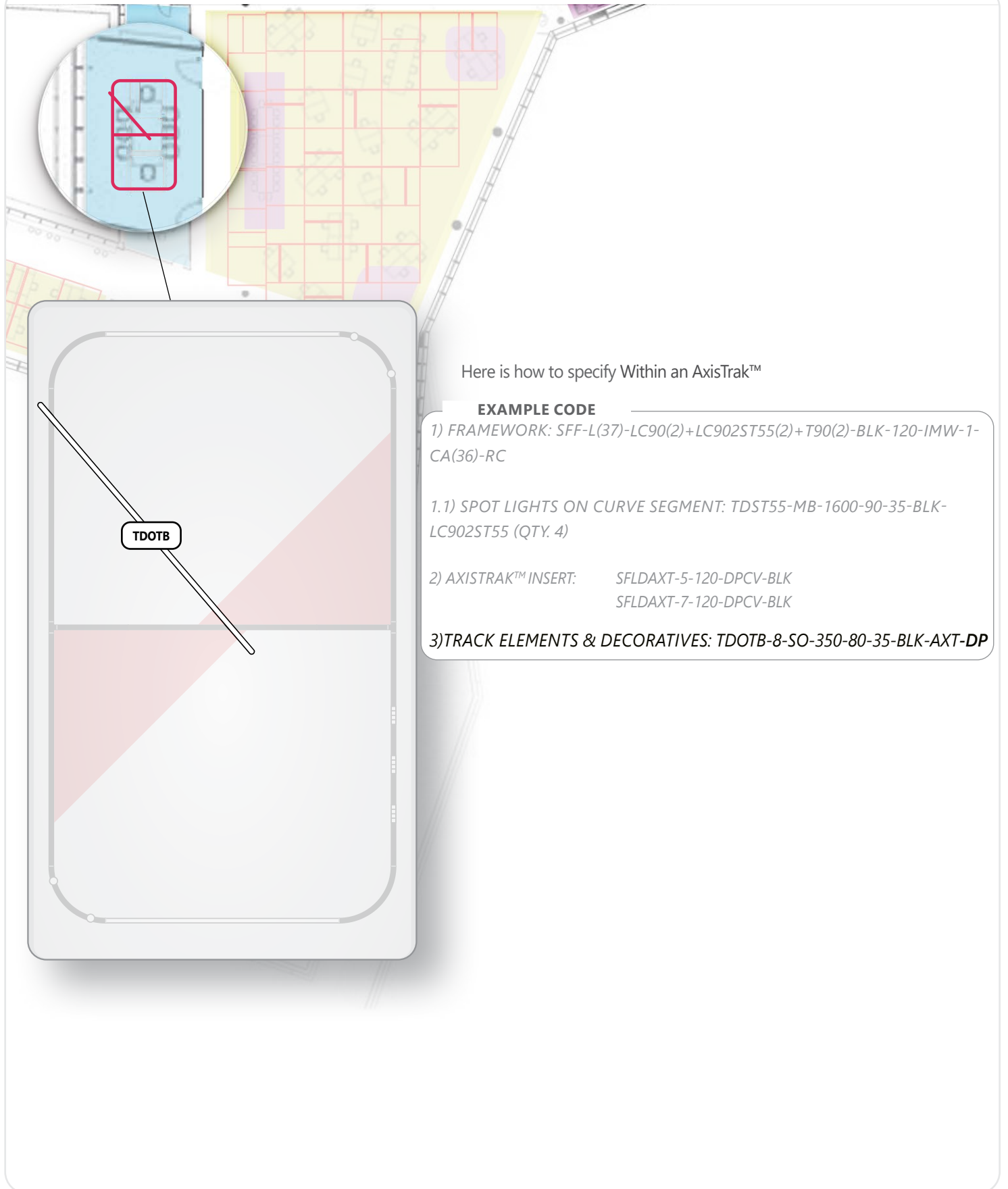
● APPROVALS

Certified to cULus standards.  All Decoratives, Pendants, and Spotlights certified under UL2108.

● WARRANTY

Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at axislighting.com.

SPECIFICATION EXAMPLE



Here is how to specify Within an AxisTrak™

EXAMPLE CODE

1) FRAMEWORK: *SFF-L(37)-LC90(2)+LC902ST55(2)+T90(2)-BLK-120-IMW-1-CA(36)-RC*

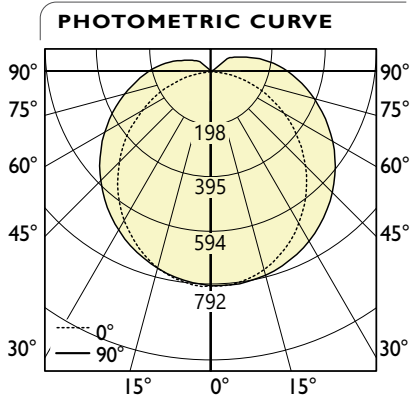
1.1) SPOT LIGHTS ON CURVE SEGMENT: *TDST55-MB-1600-90-35-BLK-LC902ST55 (QTY. 4)*

2) AXISTRAK™ INSERT: *SFLDAXT-5-120-DPCV-BLK
SFLDAXT-7-120-DPCV-BLK*

3) TRACK ELEMENTS & DECORATIVES: *TDOTB-8-SO-350-80-35-BLK-AXT-DP*

● PHOTOMETRIC DATA

600 lm/ft



Direct Output: 600 lm/ft
Total Lumens: 3003 lm (for 4ft)
Input Watts: 26.85 W
Efficacy: 112 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
 IES FILE: SFTDOTx-5-SO-600-80-35.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	790	790	790	790	790
5	790	789	789	791	790
15	755	759	766	773	776
25	688	697	717	735	744
35	597	613	646	680	693
45	489	513	562	610	630
55	372	404	470	531	556
65	249	293	376	447	476
75	130	193	286	364	394
85	30	111	213	288	318
90	1	82	181	255	282
95	1	58	152	222	248
105	2	31	100	161	184
115	2	15	57	96	128
125	3	12	41	70	92
130	3	10	33	59	76
180	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	75
10-20	214
20-30	325
30-40	395
40-50	421
50-60	402
60-70	349
70-80	275
80-90	199
90	
90-100	139
100-110	90
110-120	53
120-130	33
130-140	0
140-150	0
150-160	0
160-170	0
170-180	34

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	18383	21112	23667
55	17214	21775	25775
65	15646	23639	29912
75	13349	29405	40472
85	9109	64856	96869

i All IES files are available for download at: www.axislighting.com