

Project \_\_\_\_\_

Type \_\_\_\_\_

Notes \_\_\_\_\_

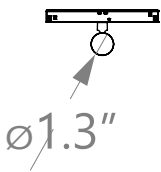


### SPECIFICATIONS TABLE

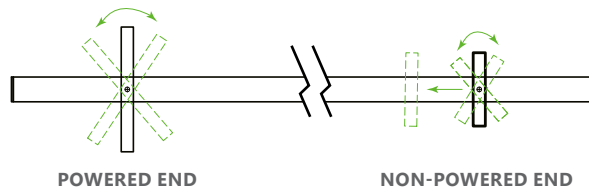
<b>AXISTRAK™ TOTAL POWER PER SEGMENT</b>	60 W
<b>UNIT POWER CONSUMPTION (details on page 2)</b>	26.85 W Max
<b>NOMINAL WEIGHT (for 7 ft)*</b>	2.25 lbp / 1.02 kg
<small>* Shown for 7 ft length. See page 2 for all lengths.</small>	

**Please specify location of orbit tube on system configuration drawing**

### SECTION VIEW



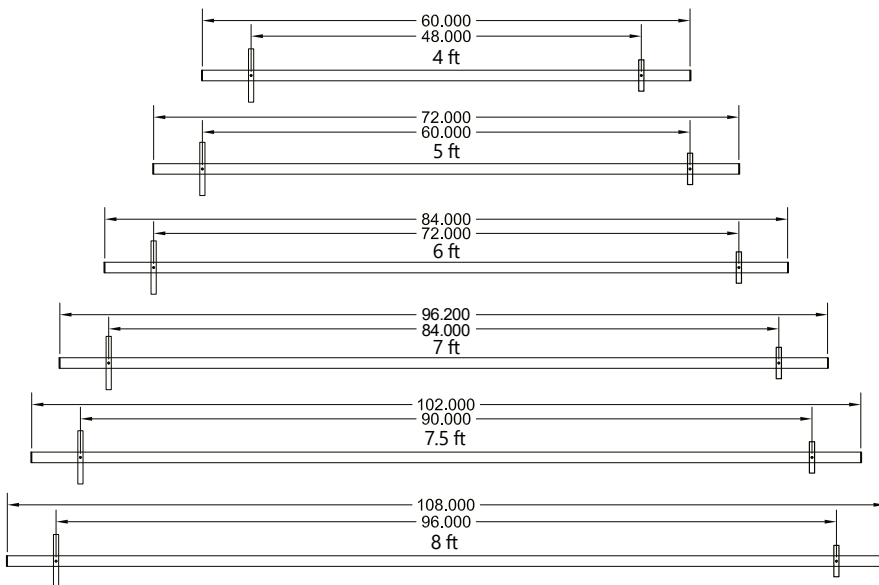
### TRACK MOUNTING



## Ordering Guide

TDOTB	SO	CRI		COLOR TEMP.		HOUSING FINISH	AXT
PRODUCT ID	LENGTH	SHIELDING	NOM. LUMEN OUTPUT				MOUNTING
TDOTB Orbit Tube Bridge	4 4' 5 5' 6 6' 7 7' 7.5 7.5' 8 8'	SO spotless lens	LO low output HI high output	90 90 CRI	27 2700 K 30 3000 K 35 3500 K 40 4000 K	BLK black W white	AXT Axistrak™
<small>See page 2 for lumen output breakdown table.</small>							

### AVAILABLE 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.

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September 20, 2021

FILE NAME:Stencil-Flex-TDOTB.SPEC

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### ● CONSTRUCTION

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

### ● LED SYSTEM

<b>CRI</b>	Minimum 80 or 90 color rendering index
<b>CCT</b>	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3.0-step MacAdam ellipse).
<b>LED life</b>	Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
<b>Thermal Management</b>	Aluminum housing acting as the heat sink to maximize life.

### ● AXISTRAK™ ELECTRICAL

<b>Mini integral track driver</b>	48 V constant voltage driver, integral to track insert. 120/ 277V (60W max for each AxisTrak™ linear insert).
<b>Integral mini track mount driver</b>	Programmable constant current driver 1% with 0-10V dimming, dim- to- off

**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.



### ● WARRANTY

Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Axis.

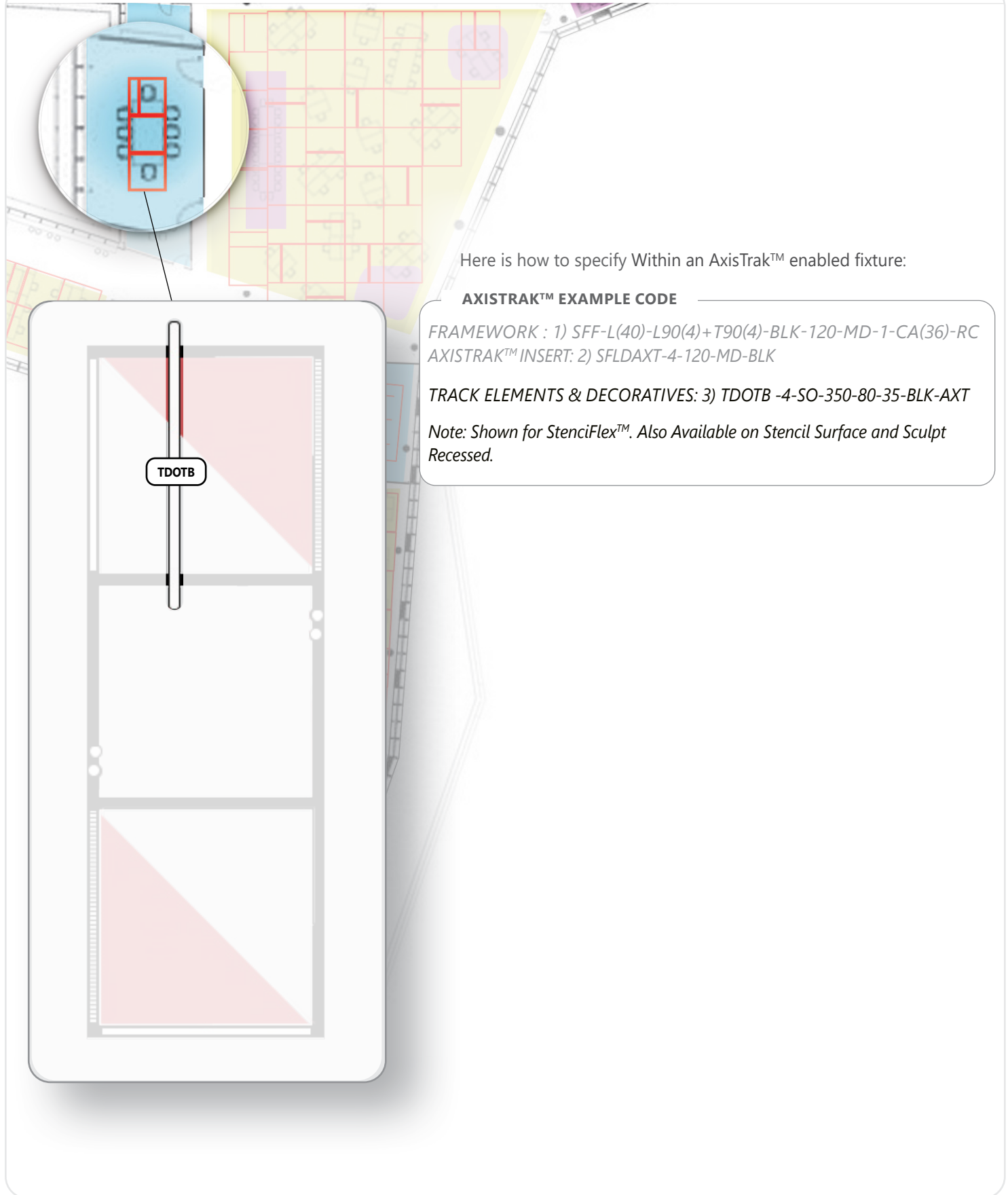
### ● NOMINAL LUMEN OUTPUT

Length	CCT	Max lumen output (HI)	Min lumen output (LO)	Wattage Max	Wattage Min
3 ft	2700 K	930 lm/ft	340 lm/ft	26.85 W	10.43 W
	3000 K	970 lm/ft	350 lm/ft		
	3500 K	1000 lm/ft	365 lm/ft		
	4000 K	1040 lm/ft	375 lm/ft		
4 ft	2700 K	750 lm/ft	340 lm/ft	26.85 W	10.43 W
	3000 K	780 lm/ft	350 lm/ft		
	3500 K	800 lm/ft	365 lm/ft		
	4000 K	830 lm/ft	375 lm/ft		
5 ft	2700 K	615 lm/ft	340 lm/ft	26.85 W	10.43 W
	3000 K	640 lm/ft	350 lm/ft		
	3500 K	660 lm/ft	365 lm/ft		
	4000 K	680 lm/ft	375 lm/ft		
6 ft	2700 K	510 lm/ft	340 lm/ft	26.85 W	10.43 W
	3000 K	530 lm/ft	350 lm/ft		
	3500 K	550 lm/ft	365 lm/ft		
	4000 K	570 lm/ft	375 lm/ft		
7 ft	2700 K	420 lm/ft	340 lm/ft	26.85 W	10.43 W
	3000 K	435 lm/ft	350 lm/ft		
	3500 K	450 lm/ft	365 lm/ft		
	4000 K	465 lm/ft	375 lm/ft		
8.5 ft	2700 K	360 lm/ft	340 lm/ft	26.85 W	10.43 W
	3000 K	370 lm/ft	350 lm/ft		
	3500 K	385 lm/ft	365 lm/ft		
	4000 K	400 lm/ft	375 lm/ft		
9 ft	2700 K	340 lm/ft		26.85 W	10.43 W
	3000 K	350 lm/ft			
	3500 K	365 lm/ft			
	4000 K	375 lm/ft			

### ● NOMINAL WEIGHT

PRODUCT	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

## SPECIFICATION EXAMPLE



Here is how to specify Within an AxisTrak™ enabled fixture:

**AXISTRAK™ EXAMPLE CODE**

*FRAMEWORK* : 1) SFF-L(40)-L90(4)+T90(4)-BLK-120-MD-1-CA(36)-RC

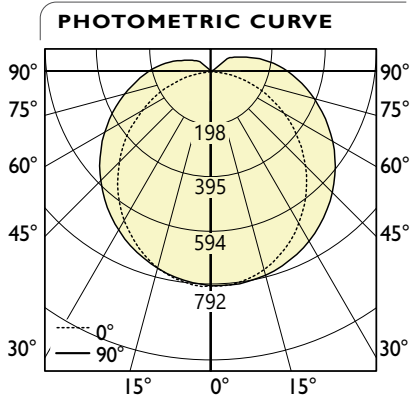
*AXISTRAK™ INSERT*: 2) SFLDAXT-4-120-MD-BLK

*TRACK ELEMENTS & DECORATIVES*: 3) TDOTB -4-SO-350-80-35-BLK-AXT

*Note*: Shown for StenciFlex™. Also Available on Stencil Surface and Sculpt Recessed.

● PHOTOMETRIC DATA

750 lm/ft



**Direct Output: 750 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-4-SO-825-80-35.IES  
 TESTED ACCORDING TO IES LM-79-2008

Vertical Angle	CANDELA DISTRIBUTION				
	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

Zone	ZONAL LUMENS
	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

Vertical Angle	LUMINANCE DATA (cd/m <sup>2</sup> )		
	Horizontal Angles		
	0	45	90
45	23030	26448	29649
55	21565	27278	32290
65	19600	29613	37472
75	16723	36837	50701
85	11412	81248	121353

**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)