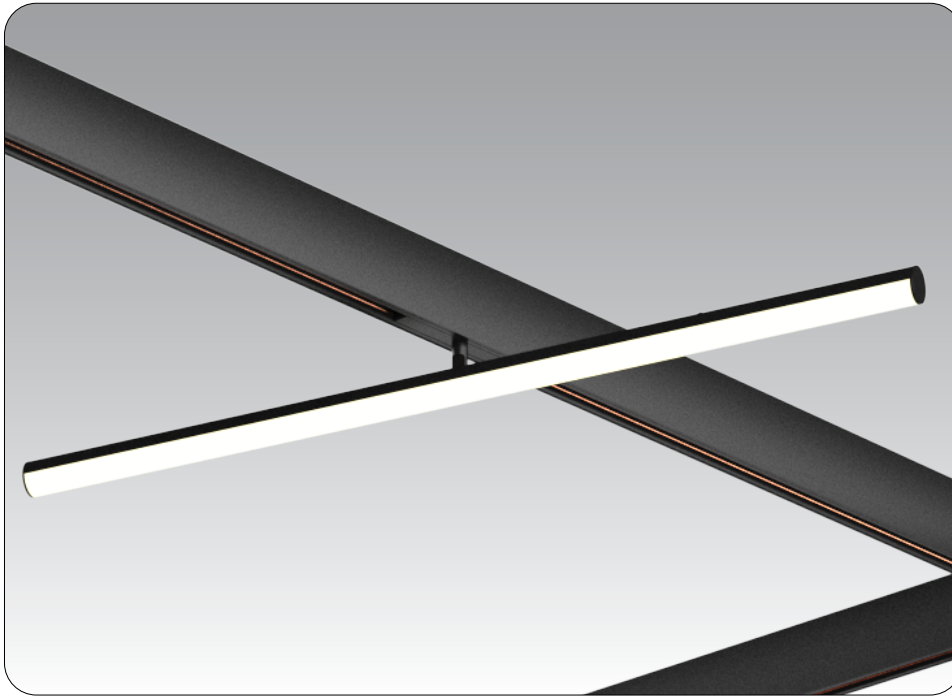




Project _____

Type _____

Notes _____

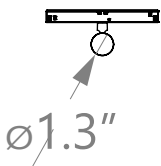


SPECIFICATIONS TABLE

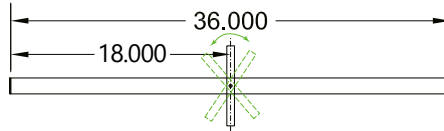
Please specify location of orbit tube on system configuration drawing

AXISTRAK™ TOTAL POWER PER SEGMENT	60 W
UNIT POWER CONSUMPTION (details on page 4)	30 W Max
NOMINAL WEIGHT	1.00 lbp / 0.45 kg

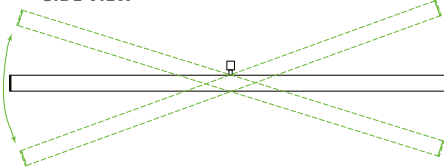
SECTION VIEW



TOP VIEW



SIDE VIEW



● LUMEN OUTPUT at 3500K

Length	Min lumen output (LO)	Max lumen output (HI)	Wattage Min	Wattage Max	Efficacy
3 ft	333 lm/ft	1000 lm/ft	10 W	30 W	109 lm/W

Ordering Guide

TDOTP	3	SO	90				
PRODUCT ID	LENGTH	SHIELDING	NOM. LUMEN OUTPUT	CRI	COLOR TEMP.	HOUSING FINISH	MOUNTING
TDOTP Orbit Tube Pivot	3' 3'	SO spotless lens	350 lumen per foot - Min 1000 lumen per foot - Max	90 90 CRI	27 2700 K 30 3000 K 35 3500 K 40 4000 K	BLK black W white	AXT AxisTrak™

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.

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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October 31, 2023

FILE NAME:Stencil-Flex-TDOTP.SPEC

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1.800.263.2947
[T] 514.948.6272

axis
axislighting.com

● CONSTRUCTION

Housing	Extruded aluminum (0.070" nominal)
End Cap	Die cast aluminum
Lens	Extruded acrylic
Mounting	Powered adaptor with fixed rotating and tilting in XYZ plane on track with the integral driver. Pivot mount located at 1/2 of total length.

● 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.

● 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 finish.

● APPROVALS

Certified to cULus standards.

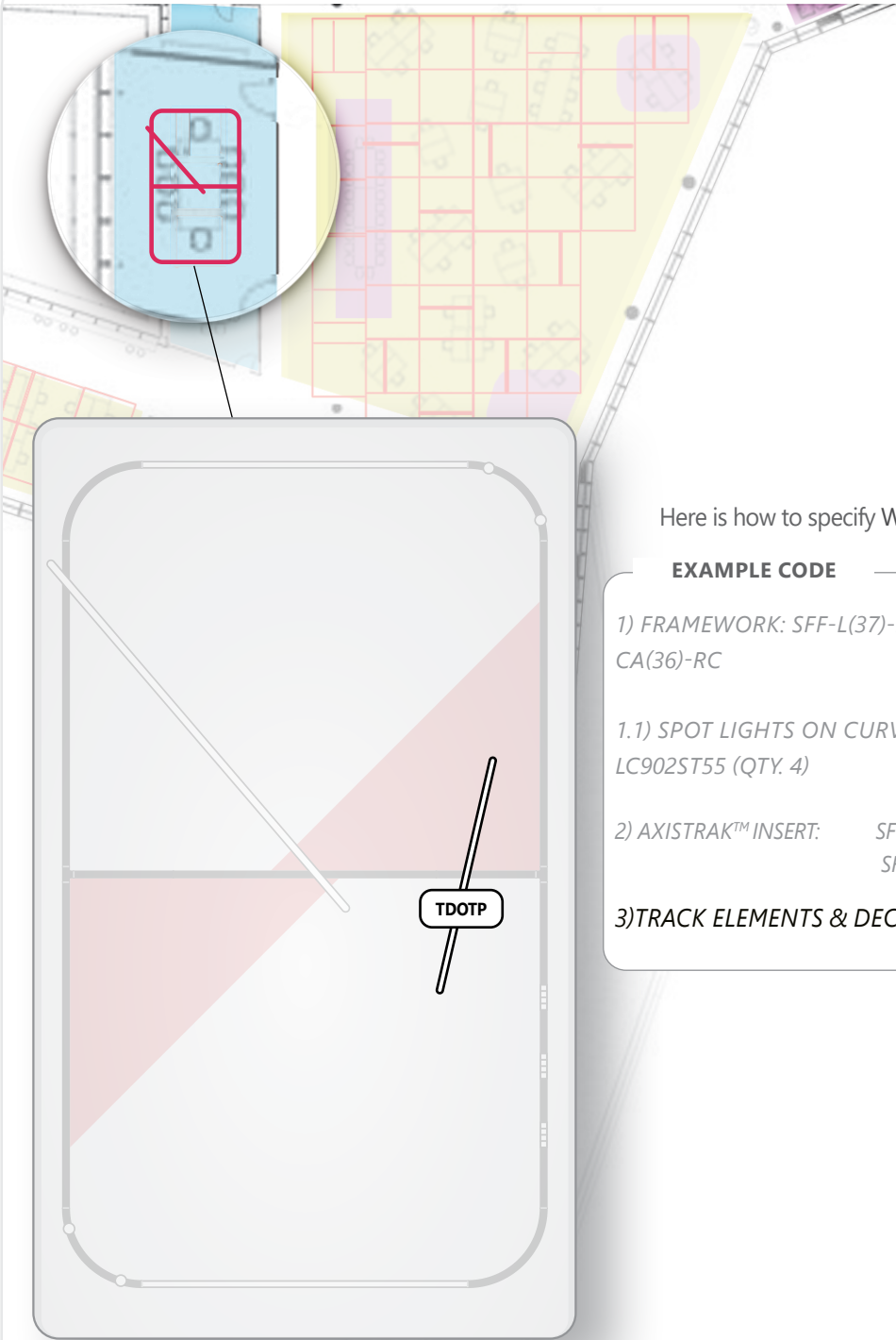


All Decoratives, Pendants, and Spotlights certified under UL2108.

● 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™

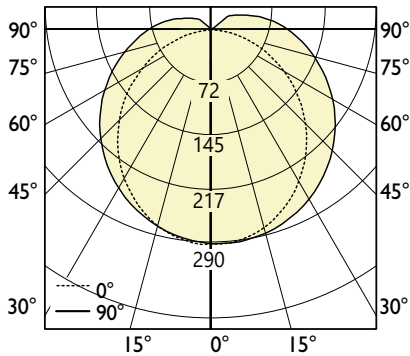
EXAMPLE CODE

- 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: *TDOTP -3-SO-350-80-35-BLK-AXT-DP*

● PHOTOMETRIC DATA

365 lm/ft

PHOTOMETRIC CURVE



Direct Output: 366 lm/ft
Total Lumens: 1097 lm (for 3ft)
Input Watts: 10.43 W
Efficacy: 105 lm/W

90 CRI shown. IES FILE: SFTDOTx-3-SO-365-90-35.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	289	289	289	289	289
5	289	288	288	289	289
15	276	277	280	283	284
25	252	255	262	269	272
35	218	224	236	248	253
45	179	188	205	223	230
55	136	148	172	194	203
65	91	107	137	163	174
75	48	70	105	133	144
85	11	41	78	105	116
90	1	30	66	93	103
95	1	21	55	81	91
105	1	11	36	59	67
115	1	6	21	35	47
125	1	4	15	25	34

ZONAL LUMENS

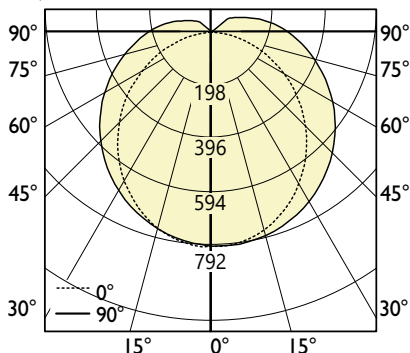
Zone	Lumens
0	
0-10	27
10-20	78
20-30	119
30-40	145
40-50	154
50-60	147
60-70	127
70-80	100
80-90	73
90	
90-100	51
100-110	33
110-120	19
120-130	12

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	8417	9666	10836
55	7881	9969	11801
65	7163	10823	13695
75	6111	13463	18530
85	4170	29694	44352

1000 lm/ft

PHOTOMETRIC CURVE



Direct Output: 1000 lm/ft
Total Lumens: 3003 lm (for 3ft)
Input Watts: 26.85 W
Efficacy: 112 lm/W

90 CRI shown.
 IES FILE: SFTDOTx-3-SO-1000-90-35.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

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	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