



Please specify location of spotlights on system configuration drawing



Project _____
Type _____
Notes _____

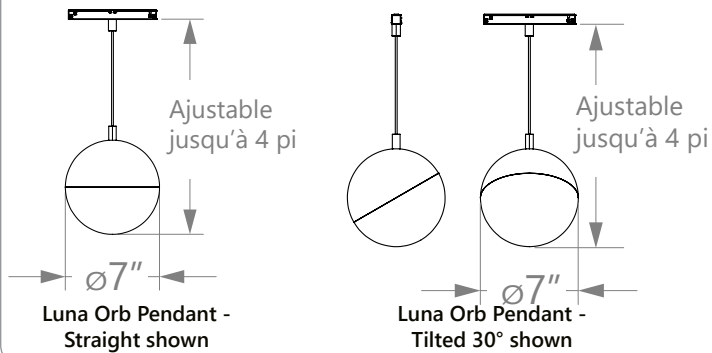


Also available as a **Stand Alone Pendant**, please refer to [LOPD.SPEC spec sheet](#)

SPECIFICATIONS TABLE

AXISTRAK™ TOTAL POWER PER SEGMENT	60 W
UNIT POWER CONSUMPTION	14 W
NOMINAL WEIGHT	2.18 lbp / 0.99 kg

ORTHOGRAPHIC VIEWS



Ordering Guide

TDLOP	SO		1200	90		
PRODUCT ID	SHIELDING	ORIENTATION	NOM. LUMENS	CRI	COLOR TEMP.	HOUSING FINISH
TDLOP Luna Orb Pendant	SO spotless lens	STR straight TLT tilted 30°	1200 1200 lm	90 90 CRI	30 3000 K 35 3500 K 40 4000 K	BLK black W white C custom

MOUNTING	CONTROLS	MOUNTING FINISH	PENDANT CABLE LENGTH
AXT AxisTrak™	DP integral driver 0-10V dimming (1%) - wired* DALI26 integral driver DALI 2.0 Type 6 - wired** EP integral driver for Empower wireless with integral sensor / control module***	BLK black W white	TLA(L) track length adjustable (specify length between 6" and 140" – includes 18" of additional internal cable for on-site adjustment)
* Available with multicircuit wiring. ** Must use IMWD controls option with SFF framework, and DALI26CV(6) controls option with AxisTrak insert. *** Must use IMWEP controls option with SFF framework, and EPCV(6) controls option with AxisTrak insert.		AxisTrak™ adapters only available in white or black.	Special swag mounting hardware available, such as swag rail and/or swag hooks. See details on page 2. To order other Swag mounting accessories, such as Rails and Hooks, see Swag Accessories for Pendants Spec sheet.

CONSTRUCTION

Housing	Cast aluminum
Lens	Molded acrylic

LED SYSTEM

CRI	Minimum 90 color rendering index
CCT	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.

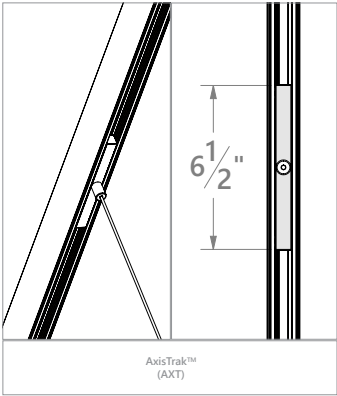
ELECTRICAL

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 matte black and white finishes available.

MOUNTING DIMENSIONS



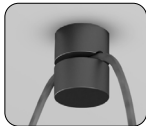
SWAG MOUNTING DETAILS



Various pendants shown mounted on swag mounting rail, powered by AxisTrak™ and UTA



Swag hook shown on rail (TDSR)



Swag hook shown on ceiling (TDSH)

To get more details and order swag mounting hardware please see [Swag Accessories for Pendants Spec sheet](#).

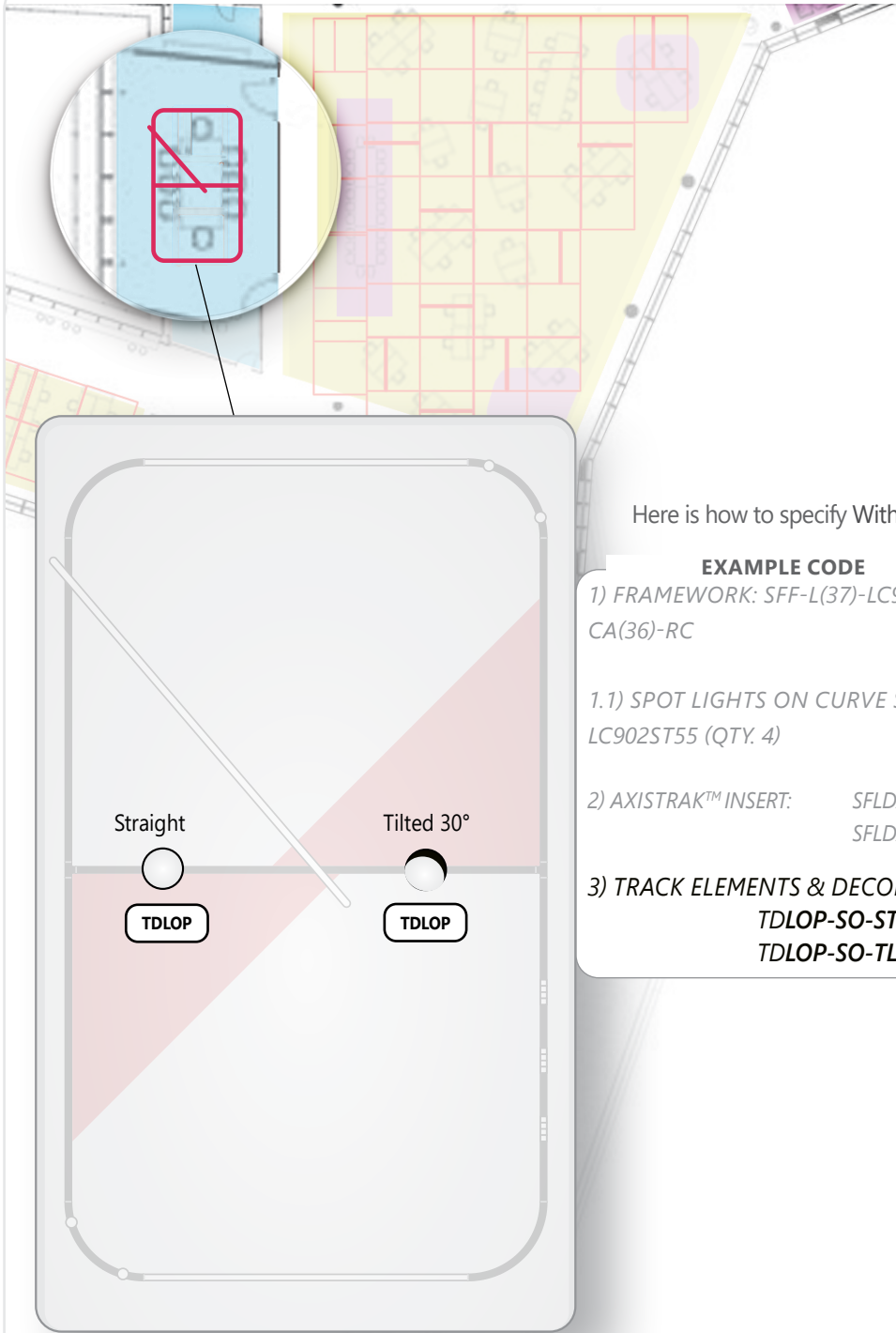
APPROVALS

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:
 TDLOP-SO-STR-LM-90-30-BLK-AXT-DP-BLK-TLA
 TDLOP-SO-TLT-LM-90-30-BLK-AXT-DP-BLK-TLA

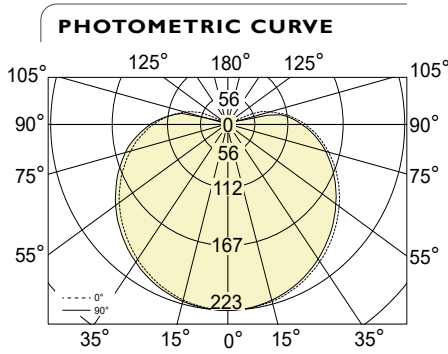
EXAMPLE DESCRIPTION

LINEAR DOWNLIGHT INSERT MODULE FOR GRID SYSTEM. FLUSH SPOTLESS LENS. NOM. 500LM/FT DELIVERED OUTPUT. CONTINUOUS NOMINAL RUN LENGTHS AS IDENTIFIED ON RCP. INTEGRAL CONTROLS SENSOR.

● PHOTOMETRIC DATA

STRAIGHT LENS (STR)

TDLOx-SO-STR-1200-90-30 at 1200 lm



Total lumens: 1181 lm
Input Watts: 14 W
Efficacy: 83 lm/W

CRI: 90 shown

IES FILE: TDLOx-SO-STR-1200-90-30.ies
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	223	223	223	223	223
5	222	222	223	223	223
15	218	218	219	219	220
25	210	210	211	212	212
35	198	199	200	201	201
45	183	184	185	186	187
55	166	167	168	170	171
65	147	148	150	151	152
75	128	128	130	131	132
85	105	106	108	109	109
90	93	94	96	97	97
95	80	81	83	83	84
105	19	53	54	55	57
115	9	27	27	28	14
125	3	9	7	10	4

ZONAL LUMENS

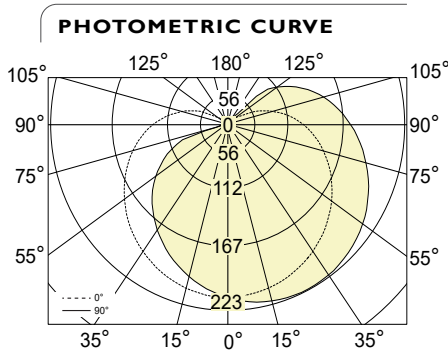
Zone	Lumens
0	
0-10	21
10-20	62
20-30	98
30-40	125
40-50	144
50-60	151
60-70	149
70-80	137
80-90	117
90	
90-100	89
100-110	54
110-120	23
120-130	6
130-140	0
140-150	0
150-160	0
160-170	0
170-180	3
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	10387	10515	10644
55	11618	11797	11963
65	14017	14256	14477
75	19802	20132	20409
85	48337	49667	50321

TILTED LENS (TLT)

TDLOx-SO-TLT-1200-90-30 at 1200 lm



Total lumens: 1182 lm
Input Watts: 14 W
Efficacy: 83 lm/W

CRI: 90 shown

IES FILE: TDLOx-SO-TLT-1200-90-30.ies
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	208	208	208	208	208
5	213	213	211	210	208
15	220	218	215	210	204
25	223	221	216	208	197
35	222	220	213	202	188
45	218	216	207	193	176
55	210	207	196	181	162
65	198	195	183	166	145
75	183	180	168	150	127
85	166	163	151	132	108
90	157	153	142	122	97
95	147	144	132	112	86
105	128	123	112	91	62
115	105	101	89	66	37
125	80	76	63	41	17

ZONAL LUMENS

Zone	Lumens
0	
0-10	20
10-20	58
20-30	91
30-40	118
40-50	136
50-60	143
60-70	141
70-80	127
80-90	107
90	
90-100	86
100-110	65
110-120	44
120-130	27
130-140	13
140-150	4
150-160	1
160-170	1
170-180	0
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	12383	11732	9998
55	14690	13751	11328
65	18793	17427	13820
75	28378	26080	19744
85	76460	69548	49607

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