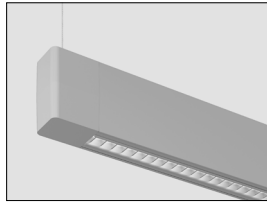


Micro lens shown

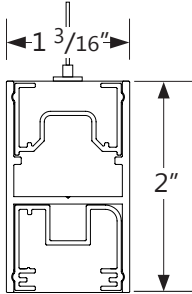


Micro Louver shown

Project \_\_\_\_\_

Type \_\_\_\_\_

Notes \_\_\_\_\_



### Ordering Guide



STLDI										
PRODUCT ID	SHIELDING UP	NOM. LUMENS/FT UP	SHIELDING DOWN	NOM. LUMENS/FT DOWN	TOTAL LENGTH (FT)					
STLDI Stencil Pendant SurroundLite Linear direct indirect	SLI SurroundLite indirect	175 175 lm/ft	DSO direct spotless lens DML direct micro louver*	200 200 lm/ft	SO lens option only	2	2'			
	SLIA SurroundLite indirect asy.	250 250 lm/ft		300 300 lm/ft		3	3'			
		350 350 lm/ft		400 400 lm/ft	4	4'				
		500 500 lm/ft		150 150 lm/ft	5	5'				
		700 700 lm/ft		225 225 lm/ft	6	6'				
				300 300 lm/ft	7	7'				
			8	8'						
				450 450 lm/ft	Micro louver option only	8	8'			
				600 600 lm/ft		S(#)	System Run			
				* Micro louver recommended at outputs over 500 lm/ft. Louver comes in grey finish only. Standard product comes with micro lens. Applies to all downlight segments.		Lit segments are available in 1' increments. Segment length from 2' to 8' continuous.				

CRI	COLOR TEMP.	FINISH	VOLTAGE	REMOTE DRIVER
80 80 CRI	27 2700 K <sup>(1)</sup>	AP aluminum paint	120 120 V	DP dimming (0-10V) 1% - remote only
90 90 CRI	30 3000 K	W white	277 277 V	LT lutron - remote only <sup>(2)</sup>
	35 3500 K	BLK black	347 347 V*	BI bi-level dimming - remote only
	40 4000 K	C custom	UNV universal	O other - remote only <sup>(3)</sup>
Applies to both Up and Down		Applies to both Up and Down (1) 10% decrease in lumen output		* Consult factory
All the drivers are remote only; Applies to both UP & DOWN. (2) Specify system (3) Please consult factory; see page 3				

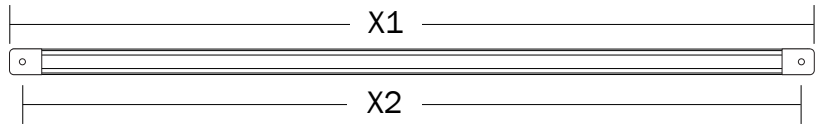
CIRCUITS	MOUNTING/SUSPENSION	CANOPY	BATTERY - REMOTE (OPTIONAL)	CUSTOM (OPTIONAL)
1 1 circuit	CA(#) drywall+cable length (36" std.)	RC round canopy	B# remote battery pack	C custom
2 2 circuits	CT9(#) TB/TG 9/16+cable length (36" std.)			
+E(#) emergency circuit <sup>(4)</sup>	CT15(#) TB/TG15/16+cable length (36" std.)			
	CTS(#) ST+cable length (36" std.)			
(4) Specify quantity	Specify length	White canopy standard	Remote only	Please specify

### ● SEGMENT LENGTHS AND MOUNTING POINTS

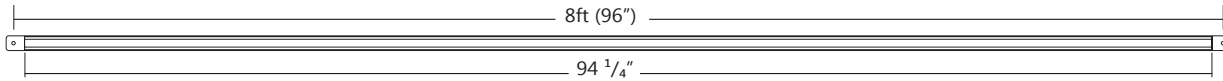
Stencil lit segments are available in lengths of 2' to 8' in one foot increments. Segments exceeding 8' in length are comprised of a combination of lengths.

For more information on systems and joining, please refer to the Stencil installation sheets available for download at [www.axislighting.com](http://www.axislighting.com).

Feet	Segment length X1		Mounting points X2	
	Inches	mm	Inches	mm
2	24.000	610	22.250	565
3	36.875	937	35.125	892
4	48.000	1219	46.250	1175
5	59.125	1502	57.375	1457
6	72.000	1829	70.250	1784
7	83.125	2111	81.375	2067
8	96.000	2438	94.250	2394



**X1 - Segment length**  
**X2 - Mounting points**



**i** Segment length from 2' to 8' continuous.  
Lengths above 8' will require Inline Hub.  
Available in 1' increments.

### ● 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.
<b>Performance</b>	Up to 101 lm/W.

### ● CONSTRUCTION

<b>Housing</b>	Extruded Aluminum (0.080" nominal) up to
<b>End Cap+ Joiner</b>	Die Cast Aluminum
<b>Interior Brackets</b>	Die Formed Sheet Steel (20 gauge)
<b>Reflectors</b>	High reflectivity white polycarbonate
<b>Lenses</b>	Extruded Acrylic
<b>Hanger</b>	Die Cast Aluminum
<b>Suspension</b>	Aircraft Cable along product length
<b>Cable Grips</b>	Quick Connecting / Release

### ● ELECTRICAL - (ALL DRIVERS ARE REMOTE)

<b>Standard Driver</b>	DP dimming (0-10V) 1%
<b>Lutron driver*</b>	LDE1 - EcoSystem H-Series (1%) LDE5 - EcoSystem 5-Series (5%) LTE - Hi-Lume® A-series 2Wires Forward Phase (1%) *Consult factory
<b>Other drivers</b>	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex LV - line voltage - Advance Mark 10 Xitanium SR - For wireless sensor POE (Power over Ethernet) - Low Voltage Lighting System

### All drivers are remote

<b>Emergency</b>	Remote emergency battery pack or emergency circuit optional.
<b>Input Voltage</b>	120V, 277V, 347V, UNV.

**i** Incorporating these components may have limitations or effect the length of the luminaire, please contact factory for more details.


### ● 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.

### ● FINISH

Aluminum paint, powder coated and custom finishes are also available.

### ● APPROVALS

Certified to UL and CSA standards.  Suitable for damp locations.

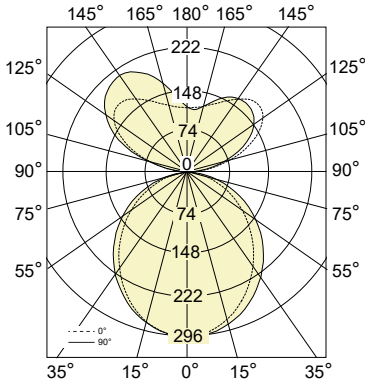
### ● LIGHT GUIDE

High precision light guide made of PMMA material, allows distribution of controlled light in all 3-dimensions to put light on both vertical and horizontal planes within the space. Patented lightguide design featuring molecular optics and precision-coupled optic components yield a high efficiency luminaire. In-plane mixing maximizes color uniformity while light emitting area is uniform and diffuse without 'head lighting' from the LED's.

### ● PHOTOMETRIC DATA

**Uplight**  
175 lm/ft  
**Downlight with direct spotless lens (DSO)**  
200 lm/ft

#### PHOTOMETRIC CURVE



**Lumen/ft up: 175 lm/ft**  
**Lumen/ft down: 200 lm/ft**  
**Total Lumens: 1463 lm (for 4ft)**  
**Input Watts: 18.2 W**  
**Efficacy: 88 lm/W**

#### CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	296	296	296	296	296
5	292	292	293	294	294
15	273	274	277	281	282
25	242	244	250	256	259
35	203	206	215	224	228
45	161	165	176	186	190
55	118	122	133	143	148
65	75	79	89	98	102
75	35	38	45	52	55
85	5	6	8	11	12
90	0	0	0	0	0
95	14	11	8	7	7
105	69	56	50	55	59
115	125	102	94	102	109
125	163	135	125	135	143
135	175	149	143	152	160
145	161	144	146	155	161
155	139	130	134	143	148
165	124	117	118	122	125
175	117	114	113	113	113
180	116	116	116	116	116

#### ZONAL LUMENS

Zone	Lumens
0	
0-10	28
10-20	79
20-30	116
30-40	136
40-50	137
50-60	120
60-70	89
70-80	48
80-90	11
90-100	15
100-110	66
110-120	114
120-130	138
130-140	134
140-150	109
150-160	73
160-170	38
170-180	11
180	

#### LUMINANCE DATA (cd/m<sup>2</sup>)

Vertical Angle	Horizontal Angles		
	0	45	90
45	3793	4142	4479
55	3424	3872	4296
65	2968	3493	4033
75	2279	2864	3508
85	1032	1587	2332

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.

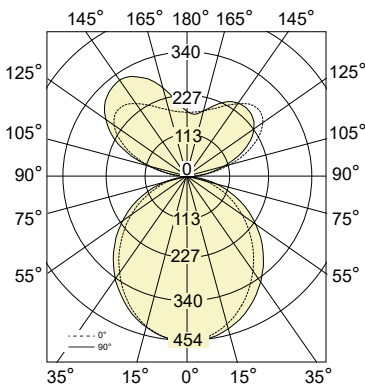
IES FILE: STLDI-I-175-DSO-200-4-80-35.IES

TESTED ACCORDING TO IES LM-79-2008

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

**Uplight**  
250 lm/ft  
**Downlight with direct spotless lens (DSO)**  
300 lm/ft

#### PHOTOMETRIC CURVE



**Lumen/ft up: 250 lm/ft**  
**Lumen/ft down: 300 lm/ft**  
**Total Lumens: 2161 lm (for 4ft)**  
**Input Watts: 25.2 W**  
**Efficacy: 86 lm/W**

#### CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	453	453	453	453	453
5	448	448	449	450	451
15	419	420	425	430	432
25	371	374	384	393	397
35	311	316	330	344	349
45	247	253	270	285	292
55	181	187	205	221	228
65	115	121	136	151	157
75	54	58	68	79	84
85	8	10	13	17	19
90	0	0	0	1	0
95	19	15	11	9	9
105	95	77	69	75	81
115	172	141	129	140	149
125	224	185	172	186	197
135	240	204	196	209	220
145	221	198	201	213	221
155	191	178	184	196	203
165	170	161	162	168	172
175	160	156	155	155	155
180	159	159	159	159	159

#### ZONAL LUMENS

Zone	Lumens
0	
0-10	43
10-20	121
20-30	180
30-40	211
40-50	214
50-60	190
60-70	142
70-80	80
80-90	21
90-100	21
100-110	91
110-120	157
120-130	189
130-140	185
140-150	150
150-160	100
160-170	53
170-180	16
180	

#### LUMINANCE DATA (cd/m<sup>2</sup>)

Vertical Angle	Horizontal Angles		
	0	45	90
45	5808	6360	6884
55	5246	5949	6608
65	4547	5375	6194
75	3479	4407	5421
85	1540	2431	3604

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.

IES FILE: STLDI-I-250-DSO-300-4-80-35.IES

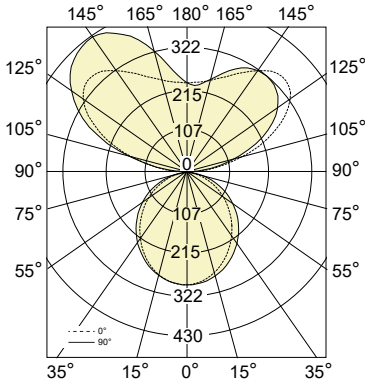
TESTED ACCORDING TO IES LM-79-2008

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

### ● PHOTOMETRIC DATA

**Uplight**  
**350 lm/ft**  
Downlight with direct spotless lens (DSO)  
**200 lm/ft**

#### PHOTOMETRIC CURVE



**Lumen/ft up: 350 lm/ft**  
**Lumen/ft down: 200 lm/ft**  
**Total Lumens: 2163 lm (for 4ft)**  
**Input Watts: 25.4 W**  
**Efficacy: 85 lm/W**

#### CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	296	296	296	296	296
5	292	292	293	294	294
15	273	274	277	281	282
25	242	244	250	256	259
35	203	206	215	224	228
45	161	165	176	186	190
55	118	122	133	143	148
65	75	79	89	98	102
75	35	38	45	52	55
85	5	6	8	11	12
90	0	0	0	0	0
95	28	22	17	14	13
105	139	112	101	110	118
115	250	205	187	203	217
125	327	269	250	271	287
135	350	298	285	304	320
145	322	288	292	310	322
155	278	259	268	285	296
165	247	235	236	244	251
175	234	228	226	225	226
180	232	232	232	232	232

#### ZONAL LUMENS

Zone	Lumens
0	
0-10	28
10-20	79
20-30	116
30-40	136
40-50	137
50-60	120
60-70	89
70-80	48
80-90	11
90-100	30
100-110	133
110-120	228
120-130	275
130-140	269
140-150	219
150-160	146
160-170	77
170-180	23
180	

#### LUMINANCE DATA (cd/m<sup>2</sup>)

Vertical Angle	Horizontal Angles		
	0	45	90
45	3793	4142	4479
55	3424	3872	4296
65	2968	3493	4033
75	2279	2864	3508
85	1032	1587	2332

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.

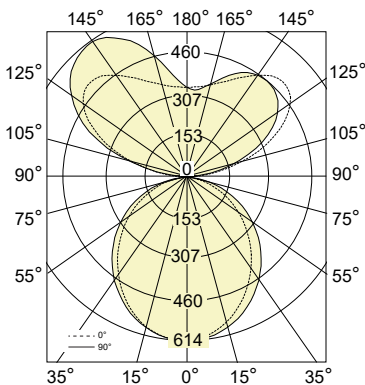
IES FILE: STLDI-I-350-DSO-200-4-80-35.IES

TESTED ACCORDING TO IES LM-79-2008

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

**Uplight**  
**500 lm/ft**  
Downlight with direct spotless lens (DSO)  
**400 lm/ft**

#### PHOTOMETRIC CURVE



**Lumen/ft up: 500 lm/ft**  
**Lumen/ft down: 400 lm/ft**  
**Total Lumens: 3623 lm (for 4ft)**  
**Input Watts: 40.6 W**  
**Efficacy: 89 lm/W**

#### CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	613	613	613	613	613
5	605	606	607	609	610
15	566	569	575	581	585
25	502	506	519	531	537
35	421	428	447	465	473
45	333	342	365	386	395
55	244	253	277	298	308
65	156	163	184	205	213
75	73	79	93	107	114
85	11	13	17	23	26
90	0	0	0	1	0
95	40	31	24	19	19
105	198	160	144	157	168
115	357	293	268	291	311
125	467	385	357	386	410
135	499	425	407	435	457
145	460	412	418	442	459
155	397	370	384	407	422
165	353	335	337	349	358
175	334	326	323	322	323
180	331	331	331	331	331

#### ZONAL LUMENS

Zone	Lumens
0	
0-10	58
10-20	164
20-30	243
30-40	286
40-50	289
50-60	256
60-70	192
70-80	108
80-90	28
90-100	43
100-110	190
110-120	326
120-130	393
130-140	384
140-150	313
150-160	209
160-170	110
170-180	33
180	

#### LUMINANCE DATA (cd/m<sup>2</sup>)

Vertical Angle	Horizontal Angles		
	0	45	90
45	7855	8602	9311
55	7096	8045	8937
65	6150	7269	8377
75	4705	5960	7331
85	2084	3288	4874

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.

IES FILE: STLDI-I-500-DSO-400-4-80-35.IES

TESTED ACCORDING TO IES LM-79-2008

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