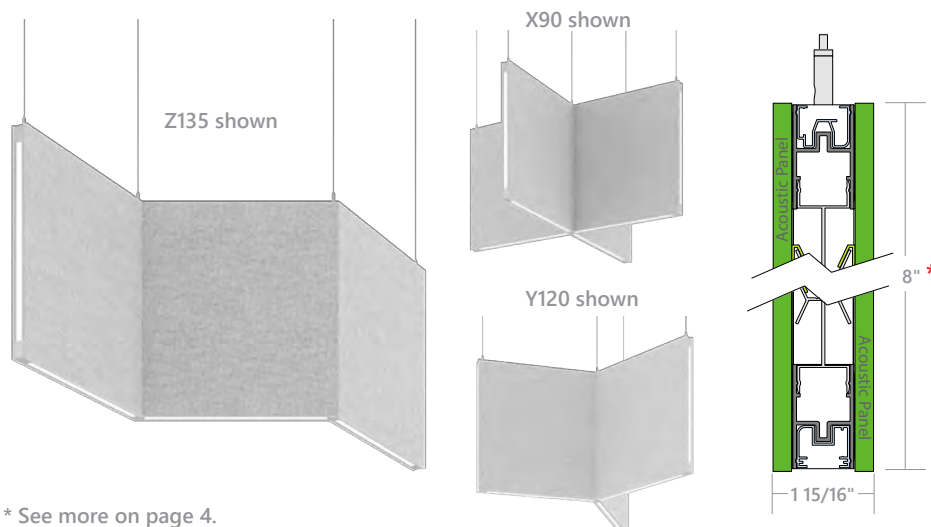




* See more on page 4.

* 8" height shown. Other heights available, see details on page 3.

Project _____

Type _____

Notes _____



* See page 5 for more information.



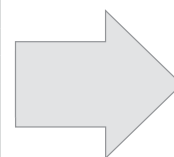
Ordering Guide

SSZSF						
PRODUCT ID		SHAPE	SEGMENT LENGTH	HEIGHT	SHIELDING INDIRECT & NOM. LUMENS/FT	
SSZSF	Spatial SoftZone Standard Forms	L90 "L" shape 90 degrees	2' 2 feet	8" 8 inches*	+SLI(lumen) SurroundLite indirect	175 175 lm/ft
		SQ90 square shape*	3' 3 feet	12" 12 inches*	NI no indirect	250 250 lm/ft
		X90 "X" shape 90 degrees		18" 18 inches*		350 350 lm/ft
		T90 "T" shape 90 degrees		24" 24 inches		500 500 lm/ft
		Y120 "Y" shape 120 degrees		36" 36 inches		700 700 lm/ft
		Y135 "Y" shape 135 degrees				1000 1000 lm/ft
		V120 "V" shape 120 degrees				
		V135 "V" shape 135 degrees				
		Z120 "Z" shape 120 degrees				
		Z135 "Z" shape 135 degrees				
		X120 "X" shape 120 degrees				
		* Not available with ESO edge spotless lens.			* Not available with ESO lit side.	Lit segments are available in 1' increments. Segment length from 2' to 7' continuous.

SHIELDING DIRECT & NOM. LUMENS/FT			SHIELDING EDGE & NOM. LUMENS/FT (choose one)		CRI		COLOR TEMP.		FINISH		VOLTAGE	
+DSO(lumen) direct spotless lens	200 200 lm/ft	SO lens option only	ESO(lumen) edge spotless lens*	200 200 lm/ft	80	80 CRI	27	2700 K	AP	aluminum paint	120	120 V
+DMLBK(lumen) direct micro louver black*	300 300 lm/ft		NE unlit edge	300 300 lm/ft	90	90 CRI	30	3000 K	W	white	277	277 V
+DMLG(lumen) direct micro louver grey*	400 400 lm/ft	micro louver option only		400 400 lm/ft			35	3500 K	BLK	black	347	347 V *
ND no direct**	150 150 lm/ft						40	4000 K	C(#)	custom*	UNV	universal
	225 225 lm/ft											
	300 300 lm/ft											
	450 450 lm/ft											
	600 600 lm/ft											
Lit segments are available in 1' increments. Segment length from 2' to 7' continuous.			Lit segments are available in 1' increments. * Only available with 24" and 36" heights. Segment length min 2'. Not available with SQ90 shape.		Applies to both Up and Down		Applies to both Up and Down		* To match your housing finish with selected standard panel colors see suggested codes on page 5.		* Consult factory	
* Micro louver recommended at outputs over 500 lm/ft.												
** ND option can not be combined with other shieldings.												

DRIVER	CIRCUITS	MOUNTING/SUSPENSION	CANOPY	BATTERY - REMOTE (OPT.)	CUSTOM (OPT.)
MD integral mini driver 0-10V dimming (1%)*	1 1 circuit 2 2 circuits +E(#) emergency circuit * +NL(#) night light circuit	CA(#) drywall+cable length (36" std.) CT9(#) TB/TG 9/16+cable length (36" std.) CT15(#) TB/TG15/16+cable length (36" std.) CTS(#) screw slot+cable length (36" std.) CASL(#) drywall cable sloped ceiling	RC round canopy SC square canopy	B(#) remote battery pack	C custom
* Only integral 0-10V mini driver available	* Specify quantity	See Mounting kit guide for full specification code. Specify length	White canopy standard	Remote only Not available with 347V Please consult factory	Please specify

Please continue code line with elements on page 2

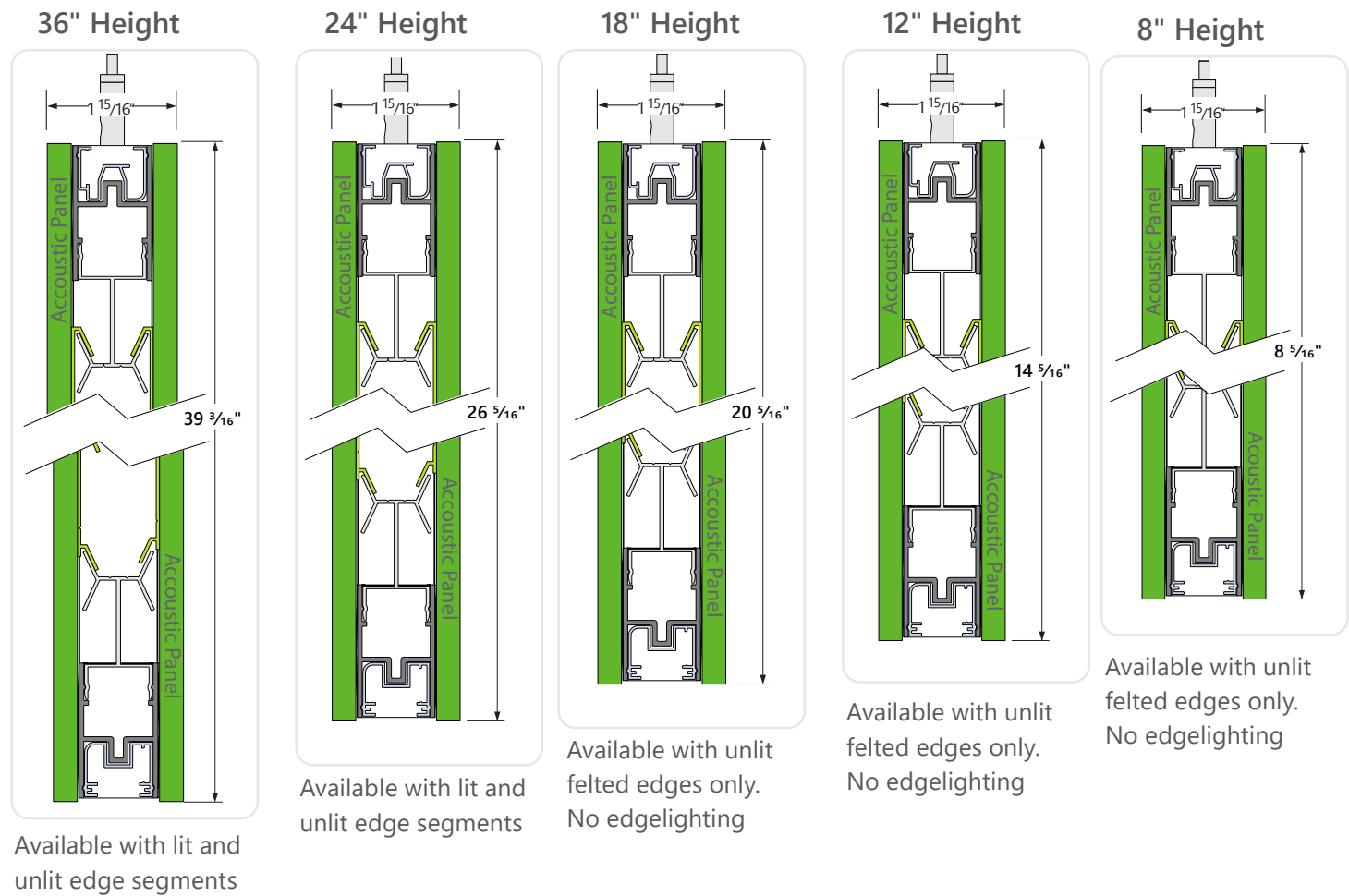


Ordering Guide - SoftZone Panels

SOFTZONE PANEL COLOR ID					
STANDARD PALETTE			EXTENDED CUSTOM PALETTE *		
COT	cotton		CUSFRO	frost	
TIN	tin		CUSDEN	denim	
CON	concrete		CUSNAV	navy	
SLA	slate		CUSPEB	pebble	
CAR	carbon		CUSSMO	smoke	
SAN	sand		CUSAPP	apple green	
COR	cork		CUSOLI	olive	
COP	copper		CUSEME	emerald	
BAR	bark		CUSANC	anchor	
EAR	earth		CUSSHA	shadow	
PUR	purple		CUSWHE	wheat	
OCE	ocean		CUSSAC	sand castle	
LEM	lemon		CUSLEA	leather	
LIM	lime		CUSPER	peru	
BRI	brick		CUSMOS	moss	
			CUSMAR	marble	
			CUSMOC	moccasin	
			CUSGIN	ginger ale	
			CUSASP	asphalt	
			CUSFOS	fossil	
			CUSCRI	crimson	
			CUSMAN	maroon	
			CUSFIR	fire brick	
			CUSIND	indigo	
			CUSBUR	burnt orange	

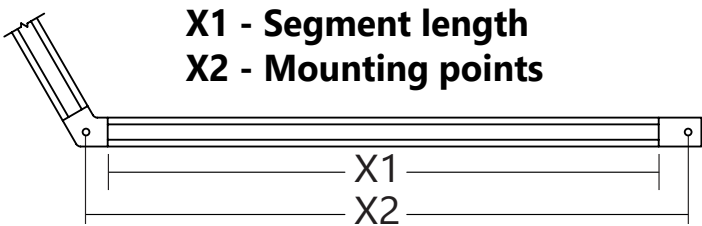
See page 5 for more details.
 * Extended custom color palette panels available per request. Consult factory for details.

Spatial SofZone® standard forms heights and segment lengths



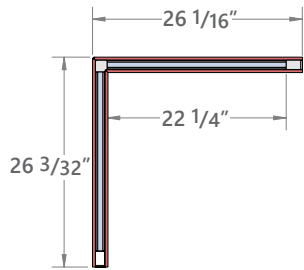
● AVAILABLE SEGMENT LENGTHS

Segment length X1			Mounting points X2	
Feet	Inches	mm	Inches	mm
2	22.250	565	24.000	610
3	35.125	892	36.875	937

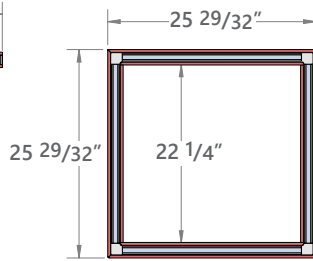


Available standard Spatial Forms with Dimensions (2 ft segments shown, 3ft segments available, see table above)

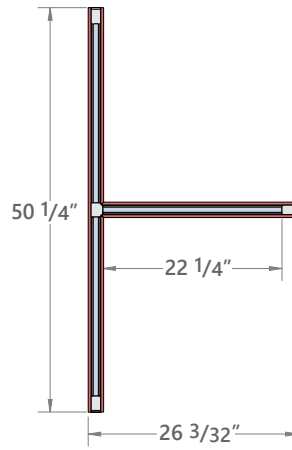
Bottom views



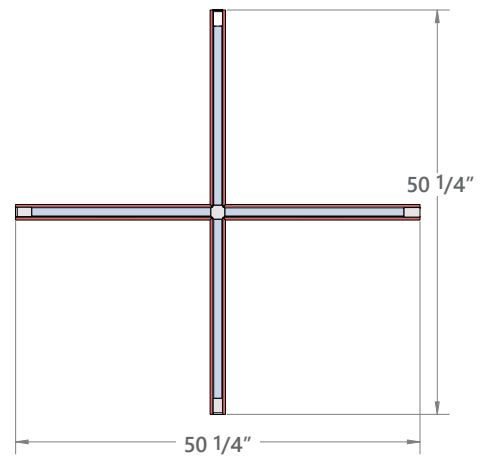
L90 - L Shape 90°



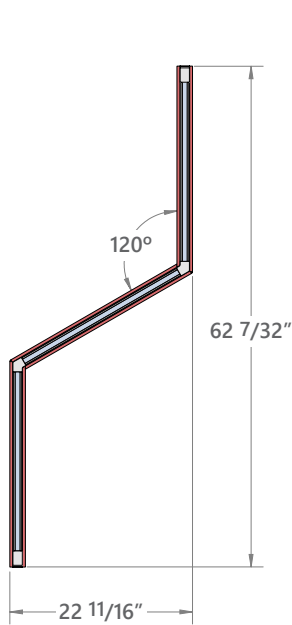
SQ90 - Square shape 90°



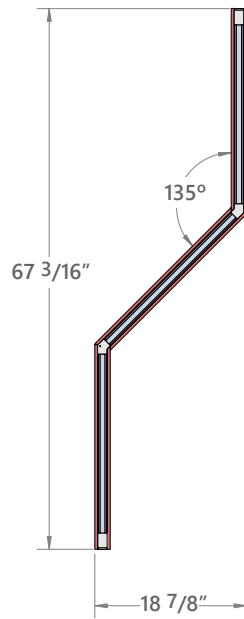
T90 - T shape 90°



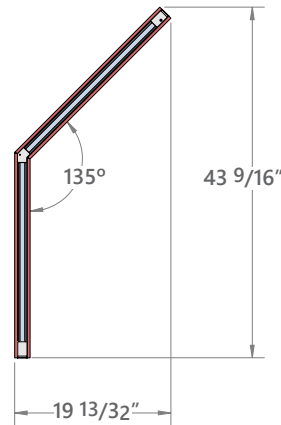
X90 - X shape 90°



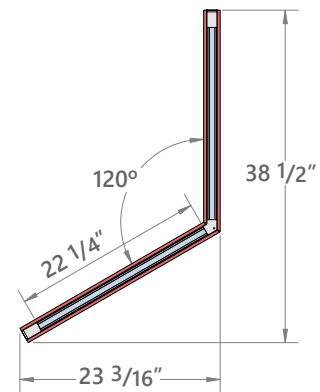
Z120 - Z shape 120°



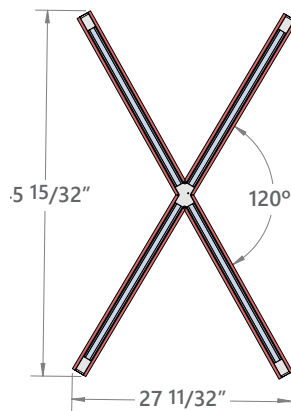
Z135 - Z shape 135°



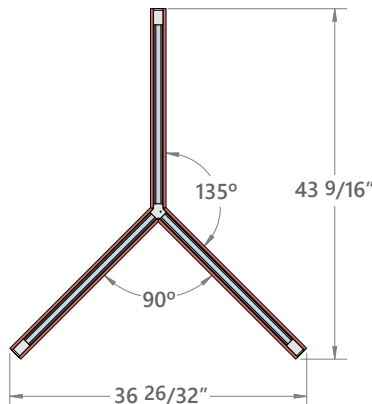
V135 - V shape 135°



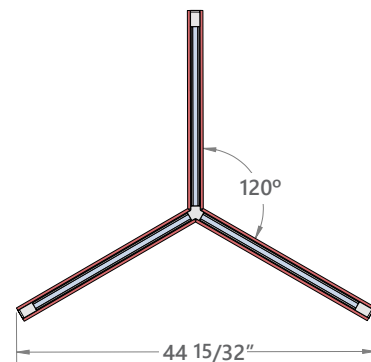
V120 - V shape 120°



X120 - X shape 120°



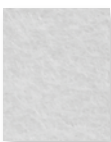
Y135 - Y shape 135°



Y120 - Y shape 120°

SOFTZONE PANEL COLOR PALETTE

WITH MATCHING HOUSING COLORS

Cotton (COT)	Tin (TIN)	Concrete (CON)	Slate (SLA)	Carbon (CAR)
				
C(RAL9003) Matte	C(RAL7047) Glossy	C(RAL7042) Matte	C(RAL7043) Matte	C(RAL9005) Matte
Sand (SAN)	Cork (COR)	Copper (COP)	Bark (BAR)	Earth (EAR)
				
C(HS512H1107 1872-L)	C(RAL1011) Glossy	C(RAL8001) Glossy	C(RAL8003) Glossy	C(RAL7006) Glossy
Purple (PUR)	Ocean (OCE)	Lemon (LEM)	Lime (LIM)	Brick (BRI)
				
C(RAL4005) Glossy	C(RAL5023) Glossy	C(RAL1023) Matte	C(PMS369C/ KD1139 -u/ PS541G868)	C(RAL4002) Glossy

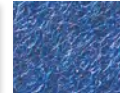
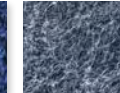
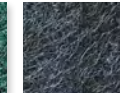
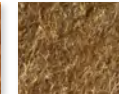
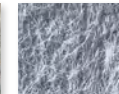
CLEANING PROTOCOL

NOTE: Easy to clean. Made from polyester fill with natural anti-microbial properties.

-  Periodic dusting with vacuum or dry cloth recommended.
-  For stain removal, use a small amount of soap or detergent on a wet cloth.
-  For added disinfection, use bleach solution (5 tablespoons per Gallon of water), spray onto surface and gently wipe to spread all over.

EXTENDED SOFTZONE PANEL COLOR PALETTE

Available per request. Consult factory for details.

				
Frost (CUSFRO)	Denim (CUSDEN)	Navy (CUSNAV)	Pebble (CUSPEB)	Smoke (CUSSMO)
				
Apple Green (CUSAPP)	Olive (CUSOLI)	Emerald (CUSEME)	Anchor (CUSANC)	Shadow (CUSSHA)
				
Wheat (CUSWHE)	Sand Castle (CUSSAC)	Leather (CUSLEA)	Peru (CUSPER)	Moss (CUSMOS)
				
Marble (CUSMAR)	Moccasin (CUSMOC)	Ginger Ale (CUSGIN)	Asphalt (CUSASP)	Fossil (CUSFOS)
				
Crimson (CUSCRI)	Maroon (CUSMAN)	Fire Brick (CUSFIR)	Indigo (CUSIND)	Burnt Orange (CUSBUR)

APPROVALS

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

FIRE SAFETY: Class A Fire Rated as per ASTM E84.
Flame Spread Index: 5
Smoke Development Index: 110

● 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 3.0-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.
Performance	Up to 101 lm/W.

● CONSTRUCTION

Housing	Extruded aluminum (0.070" nominal)
End Cap+Joiner	Die cast aluminum
Reflectors	Extruded acrylic
Suspension	1 mm Aircraft cable
Cable Grips	Quick Connecting / Release

● ELECTRICAL

Mini driver	STENCIL features integral mini driver technology. 0-10V 1% dimming standard. The integral mini driver is the only driver available.
Emergency	Remote emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, UNV, 347V

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

● 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.

● FIXTURE FINISH

Powder coated and custom finishes are also available.

● OPTICS



Micro lens shown



Micro Louver shown

● 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.

● SOFTZONE® WARRANTY

All SoftZone® Acoustic panels are guaranteed for 1 year (warranty period) from date of shipment from our factory. Defective products will be repaired or replaced at the discretion of Axis Lighting provided a written claim is made within the warranty period.

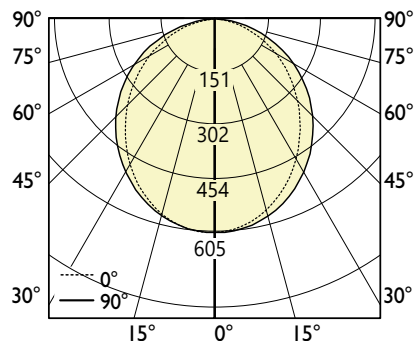
Exclusions of SoftZone® Warranty:

- Normal wear and tear (scratches, direct sunlight, etc.).
- Products that have been modified, improperly installed, used in conditions or for purposes other than which they were intended.

● PHOTOMETRIC DATA - DIRECT

400 lm/ft - SO lens

PHOTOMETRIC CURVE



Direct Output: 400 lm/ft
Total Lumens: 1600 lm (for 4ft)
Input Watts: 16 W
Efficacy: 100 lm/W

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

IES FILE: STD-SO-400-80-35-4.ies

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	604	604	604	604	604
5	597	597	599	600	601
15	558	560	567	573	576
25	494	499	512	524	529
35	415	422	441	458	466
45	329	337	360	380	390
55	241	249	273	294	303
65	154	161	182	202	209
75	72	78	91	106	112
85	11	13	17	23	25
90	0	0	0	1	0

ZONAL LUMENS

Zone	Lumens
0	57
0-10	161
10-20	239
20-30	281
30-40	285
40-50	253
50-60	190
60-70	106
70-80	27
80-90	27
90	27

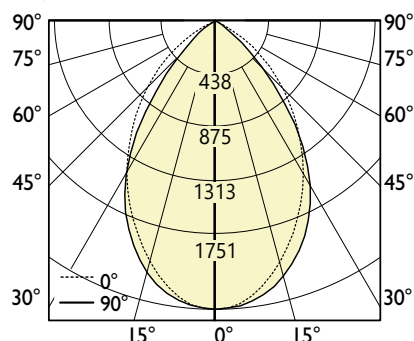
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	41858	45837	49617
55	37812	42873	47624
65	32769	38735	44638
75	25073	31762	39068
85	11103	17519	25974

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

600 lm/ft - MLBK micro louver black

PHOTOMETRIC CURVE



Direct Output: 600 lm/ft
Total Lumens: 2297 lm (for 4ft)
Input Watts: 44.1 W
Efficacy: 52 lm/W

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

IES FILE: STD-4-MLBK-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	1751	1751	1751	1751	1751
5	1724	1727	1728	1733	1736
15	1517	1523	1555	1593	1603
25	1228	1238	1260	1303	1338
35	907	910	908	906	925
45	584	579	530	419	397
55	278	270	173	98	89
65	13	20	13	3	3
75	2	1	1	1	1
85	1	0	0	0	0
90	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	163
0-10	435
10-20	577
20-30	553
30-40	378
40-50	165
50-60	24
60-70	1
70-80	1
80-90	1
90	1

LUMINANCE DATA (cd/m²)

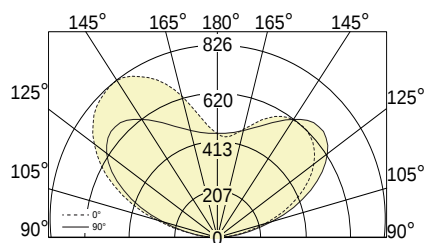
Vertical Angle	Horizontal Angles		
	0	45	90
45	65400	59286	44472
55	38311	23813	12303
65	2460	2512	518
75	651	257	263
85	519	294	262

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

● PHOTOMETRIC DATA - INDIRECT

700 lm/ft

PHOTOMETRIC CURVE



Indirect Output: 700 lm/ft
 Total Lumens: 2691 lm (for 4ft)
 Input Watts: 31 W
 Efficacy: 87 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
 IES FILE: STI-700-80-35-4.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles								
	0	22.5	45	67.5	90	112.5	135	157.5	180
90	0	0	0	0	0	0	0	0	0
95	25	26	32	42	54	65	53	41	34
105	226	211	194	215	267	265	255	278	285
115	418	391	360	394	481	472	470	520	534
125	551	520	481	518	628	639	648	695	699
135	615	585	548	572	672	732	762	795	794
145	618	595	562	554	619	719	789	823	820
155	568	548	516	498	534	627	704	748	757
165	482	469	454	451	475	529	578	620	626
175	434	433	434	438	449	465	476	483	483
180	446	446	446	446	446	446	446	446	446

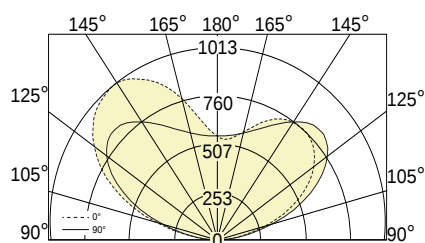
ZONAL LUMENS

Zone	Lumens
90	
90-100	57
100-110	256
110-120	438
120-130	529
130-140	517
140-150	421
150-160	281
160-170	148
170-180	44
180	

● PHOTOMETRIC DATA - INDIRECT

800 lm/ft

PHOTOMETRIC CURVE



Indirect Output: 800 lm/ft
 Total Lumens: 3308 lm (for 4ft)
 Input Watts: 38.6 W
 Efficacy: 86 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
 IES FILE: STI-800-80-35-4.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles								
	0	22.5	45	67.5	90	112.5	135	157.5	180
90	0	0	0	0	0	0	0	0	0
95	61	59	61	61	67	68	42	24	18
105	319	295	263	279	329	308	283	294	299
115	547	510	462	498	592	564	551	602	617
125	697	657	605	649	774	774	777	831	834
135	764	725	679	712	832	898	928	966	962
145	755	726	686	683	771	897	977	1012	1006
155	683	659	622	610	670	794	889	939	947
165	575	562	549	555	597	672	738	792	798
175	532	533	537	546	564	587	604	612	612
180	560	560	560	560	560	560	560	560	560

ZONAL LUMENS

Zone	Lumens
90	
90-100	69
100-110	311
110-120	536
120-130	649
130-140	636
140-150	519
150-160	348
160-170	184
170-180	55
180	

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