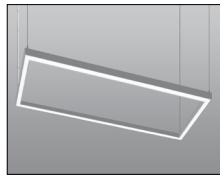
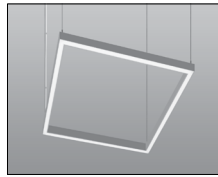


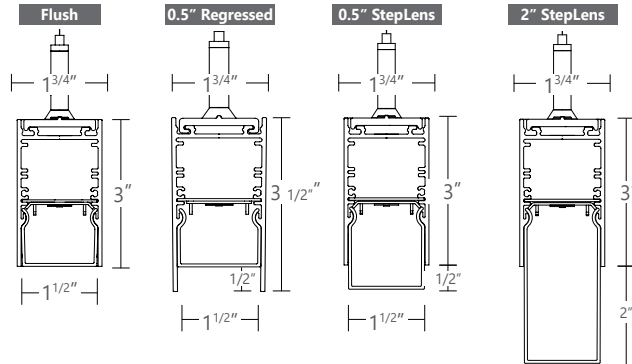
Linear version shown



2'x6' ceiling kit shown



4'x4' ceiling kit shown



Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K

	NOMINAL LUMEN OUTPUT	INPUT WATTS	EFFICACY
KIT	300 lm/ft	3.25 W/ft*	93 lm/W
	400 lm/ft	4.4 W/ft*	91 lm/W
	500 lm/ft	5.55 W/ft*	90 lm/W
	300 lm/ft	3.17 W/ft**	94 lm/W
	400 lm/ft	4.34 W/ft**	92 lm/W
	500 lm/ft	5.42 W/ft**	92 lm/W

* Based on a 4 foot flush luminaire using one driver

** Based on a 2x2 foot flush luminaire using one driver



Ordering Guide

SCD											
PRODUCT ID		NOM.LUMENS/FT		CRI		COLOR TEMP. (choose one)		SHIELDING			
SCD	Pendant Direct	300	300 lm/ft - Min	80	80 CRI	27	2700 K	TW2750	2700-5000 K - Tunable White	FL	flush*
		900	900 lm/ft - 90 CRI Max	90	90 CRI*	30	3000 K	TW2765	2700-6500 K - Tunable White	RG	0.5" regressed
		1000	1000 lm/ft - 80 CRI Max			35	3500 K	BTW3527	3500-2700 K - Tunable BIOS	0.5M	0.5" StepLens, lum. end cap*
						40	4000 K	BTW4027	4000-2700 K - Tunable BIOS	0.5P	0.5" StepLens, opaque end cap*
						B30	3000 K - BIOS*			2M	2" StepLens, lum. end cap*
						B35	3500 K - BIOS*			2P	2" StepLens, opaque end cap*
						B40	4000 K - BIOS*			+BL(#)	Blank (for flush option only)
				ASO	asymmetric flush lens						
						UB	Ultra blend lens (for flush option only)**				
		Outputs between listed min and max are available. Consult factory for outputs outside of the listed range. Consult factory for max output with BIOS		* Not available with BIOS.		Consult Axitune technical sheet for more information of color technology. *Consult BIOS guide for more information on BIOS technology		*Lens options use spotless lens ** Default lens for Tunable white and BIOS. Consult factory for other lens.			

LINEAR LENGTH or CEILING KIT (select one)		FINISH	VOLTAGE	DRIVER	CIRCUITS
#	2 ft - 12 ft continuous length				
S(L)	System Run	L L shape 2' * U U shape 2' * 2x2 2'x2' * 2x4 2'x4' * 2x6 2'x6' * 2x8 2'x8' * 2x10 2'x10' * 2x12 2'x12' * 4x4 4'x4' *	AP aluminum paint W white BLK black C custom	120 120 V 277 277 V 347 347 V UNV universal DC low voltage* DP dimming (0-10V) 1% LT lutron BI bi-level dimming O(#) other ** DPB(STC) dimming (0-10V) 1% with BIOS* DPB(DYN) Bio-dimming™ 100%-81% with BIOS* TW(#) tunable white drivers* POE(#) POE drivers*	1 1 circuit 2 2 circuits +E(#) emergency section* +NL(#) night light section* +GTD(#) generator transfer device*
*Available as kit; See page 3 for more details; Sculpt accommodates any length; Metric lengths also available, please consult factory. For other patterns refer to Corners & Patterns Spec Sheet.			* Only available with POE drivers.	* See page 3 to specify system, ** Consult factory; see page 3	* Specify quantity

MOUNTING/SUSPENSION	BATTERY (OPT.)	IC CONTROLS (OPTIONAL)	CUSTOM (OPT.)
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.) SA(#) drywall+stem length >48" (18" std.)* CASL(#) drywall cable sloped ceiling SASL(#) drywall stem sloped ceiling* +SM seismic kit	B(#) battery pack	DS(#) daylight sensor* OS(#) occupancy sensor* DOS(#) daylight & occupancy sensor* EN(#) Enlighted integral* ENR(#) Enlighted remote** WC(#) wireless control dimming	C custom
See Mounting kit guide for full specification code. Specify length *For stem option, please consult factory.	For lengths under 4' comes with remote battery only; Not available with 347V Please consult factory	*For flush option only; Please consult factory **Please consult factory Specify quantity; Requires 7" blank See integrated controls guide for more details. Consult factory for Tunable White. Not available with DPB (DYN) driver for BIOS with Dynamic Spectrum.	Please specify

Geometric Lighting



The Ceiling is Your Canvas.

Developed by Axis, Geometric Lighting lets you choose from a palette of light forms to create an infinite number of lighting configurations, regardless of ceiling or mounting type. Sculpt is the first luminaire family engineered by Axis to provide Geometric Lighting, in addition to standard linear lighting.

Geometric Lighting Benefits

- Freedom from traditional illuminated ceiling footprints.
- Drag and drop design enabling never-before-seen patterns.
- Traces of light resulting in a smaller footprint (negative space).
- A cleaner ceiling appearance through patent-pending technology.
- No performance trade-offs.

An Exclusive Palette of Geometric Lighting Ceiling Kits RECESSED • PENDANT • SURFACE



Ceiling Kit Features

- UL-listed
- Easy to specify – No complex shop drawings required
- Metric versions also available
- Illuminated corners and hairline joints
- Integrated driver
- Compatible with StepLens option – Choice of 0.5" or 2" heights
- Integrated MiniFlange (patent pending) enables use of a single T-bar in recessed applications.
- T-Aligner (**Patent Number: 9416535 B1**) offers a foolproof solution for aligning cut T-bars.
- Improved lighting control possibilities, including low-energy and layered illumination, through the use of sensors and multiple drivers to put light where you need it, when you need it.

● CONSTRUCTION

Housing	Extruded aluminum (0.080" nominal) up to
End Cap	Die cast aluminum
Interior Brackets	Die formed sheet steel (20 gauge)
Reflectors	White powder coated sheet steel (22 gauge)
Lenses	Extruded acrylic (0.060" nominal) - injection moulded
Hanger	Die cast aluminum
Suspension	Sliding aircraft cable along product length
Cable Grips	Quick connecting / release

● ELECTRICAL

Lutron driver	LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black
Other drivers**	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex Xitanium SR - For wireless sensor
BIOS DPB drivers*	STC - BIOS control 0-10V with static spectrum and BIOS SkyBlue enabled from 100% to 1%. DYN - BIOS control 0-10V with dynamic spectrum and BIOS SkyBlue® with Bio-Dimming™, which changes spectral qualities by removing the SkyBlue component when dimming from 100% to 81%, while light output remains relatively constant; bio-dimming reduces CCT to 2700K. Dimming from 80% to 1% will then reduce light output.
Tunable White TW drivers*	DALIT6 - DALI Type 6 (Two DALI Addresses) DALIT8 - DALI Type 8 (One DALI Address)
Power over Ethernet POE drivers*	MOLEX IGOR SMARTENGINE O - Other (Consult factory)
Emergency	Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV, DC.
Flex Whip	Shipped in a separate box for contractors to install

*Choose driver from available options.

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

● LED SYSTEM

CRI	Minimum 80 or 90 color rendering index.
CRI BIOS	Minimum 80 color rendering index with R9>75 for all CCTs.
CCT Single Color	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture.
CCT BIOS	BIOS Static (STC) Choice of 3000K, 3500K and 4000K. BIOS SkyBlue® Dynamic (DYN) Choice of 3000K, 3500K, and 4000K with Bio-Dimming™ BIOS Tunable White (BTW) Choice of 4000-2700K and 3500-2700K; does not use a bio-dimmer, it uses TW drivers, which allow independent control of CCT and intensity; e.g., BTW4027 provides combined SkyBlue + white light at 4000K, SkyBlue is removed at 2700K. Light output can be adjusted for each CCT. Consult BIOS guide for more information on BIOS technology.
CCT Axitune Systems	Consult Axitune technical sheet for more information on color technology.
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.
Environment	Dry and damp rated for indoor use only in operating ambient temperatures of 0-40°C (32-104°F).

● WEIGHT

Direct 4 ft	8 lbs / 3.6 kg
Direct 8 ft	16 lbs / 7.3 kg
Direct 12 ft	24 lbs / 10.9 kg

● FINISH

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

● APPROVALS

Certified to UL and CSA standards
Suitable for damp locations.



● 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.

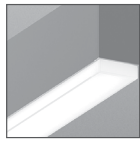
● SHIELDING - Frosted acrylic Spotless lens



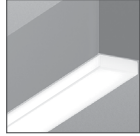
FL flush
UB ultrablend lens
ASO asymmetric lens



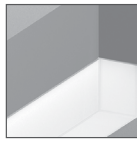
RG 0.5" Regressed



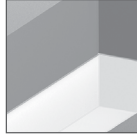
0.5M 0.5" StepLens,
lum. end cap



0.5P 0.5" StepLens,
opaque end cap



2M 2" StepLens,
lum. end cap



2P 2" StepLens,
opaque end cap



● CORNERS

Lit Corners - In addition
Axis offers 0.5" and 2"
StepLens corners

For custom corner, please
consult factory.
Specifications sheets for all
corners are available at:
www.axislighting.com



Shown with 2" StepLens

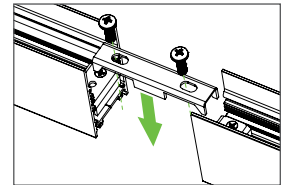
● SYSTEM (S#)

SCULPT linear systems, with the use of a strong profile, allow for a nearly hair thin connection system of continuous runs. Lengths of 4', 8', 12' as well as custom lengths are available. Runs of SCULPT that are greater than 12' in length are designated as systems (S#). This means that the run is comprised of a combination of 4', 8' and/or 12' sections to be assembled on site using our joining system. For more information on systems and joining.

● JOINERS

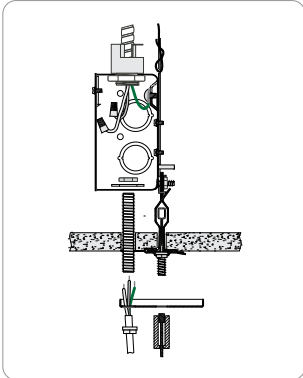
In order to allow very long runs of SCULPT luminaires, Axis has developed an effective joining system. Special care has been taken to maximize the performance of the joiner for each SCULPT option.

NOTE: Mount each
system segment
individually.
Do not assemble
system prior to
mounting.

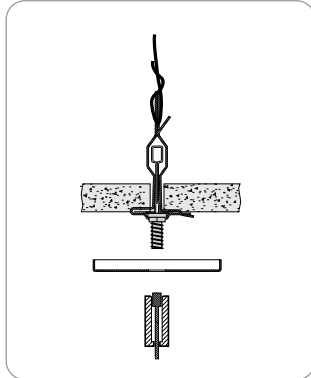


i Allow a minimum of 6" between end of long runs and vertical wall

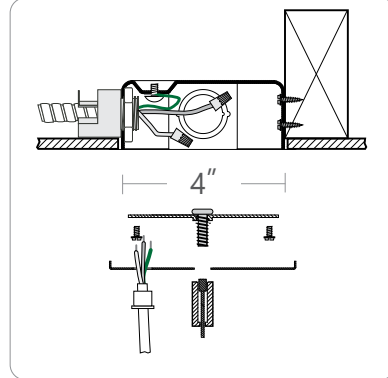
● MOUNTING OPTIONS

CT9 CT15 CTS TILE CEILING - ON GRID

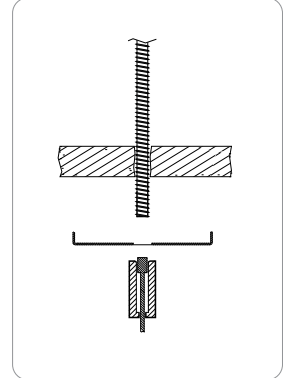
Power feed



Non power feed

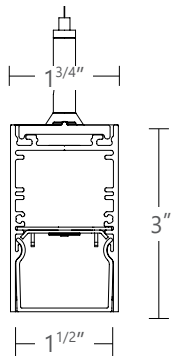
CA DRYWALL CEILING

Power feed



Non power feed

● NOMINAL MOUNTING SPACING END TO END



4' (47 3/8" C.C.)
8' (95 3/8" C.C.)
12' (143 3/8" C.C.)



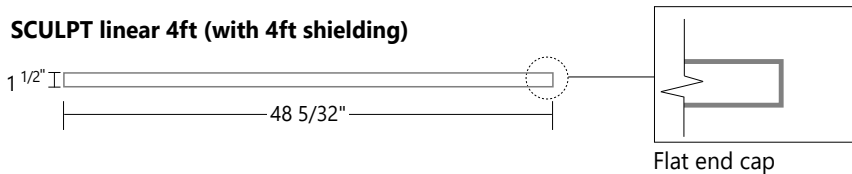
Please see shopdrawing for exact mounting distances.

● OTHER MOUNTING OPTIONS

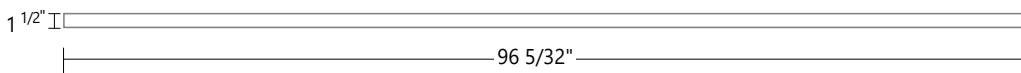
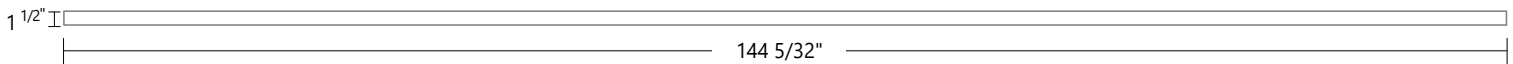
SCULPT LED is also available with surface recessed and pendant mounted options.

i Specification sheets and installation sheets for all mounting for SCULPT luminaires are available for download at www.axislighting.com

● NOMINAL LENGTHS (Please see shopdrawing for exact lengths)

SCULPT linear 4ft (with 4ft shielding)

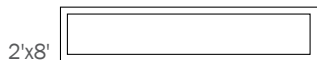
Flat end cap

SCULPT linear 8ft Continuous (with 8ft shielding)**SCULPT linear 12ft (with 4ft shielding)****SCULPT Kits Continuous**

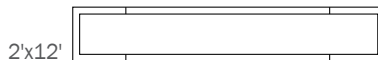
2'x6'



2'x10'



2'x8'



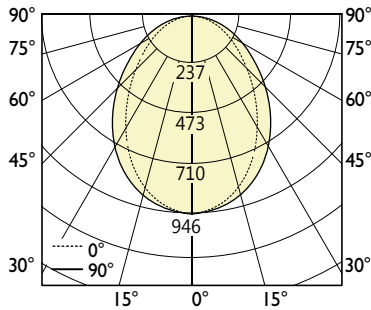
2'x12'

● PHOTOMETRIC DATA

500 lm/ft linear with Flush Lens



PHOTOMETRIC CURVE



Lumen/ft down: 501 lm/ft
Total Lumens: 2004 lm (for 4ft)
Input Watts: 22.2 W
Efficacy: 90 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
 IES FILE:SCD-500-80-35-F-4-W-UNV-D-1.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	943	943	943	943	943
5	932	938	934	938	940
15	884	887	872	860	859
25	788	780	750	723	715
35	656	641	599	559	544
45	508	491	446	408	392
55	361	346	310	279	266
65	227	216	193	174	167
75	110	105	96	88	86
85	21	21	23	24	23
90	0	1	3	4	4

ZONAL LUMENS

Zone	Lumens
0	
0-10	89
10-20	245
20-30	345
30-40	375
40-50	346
50-60	280
60-70	194
70-80	103
80-90	27
90	

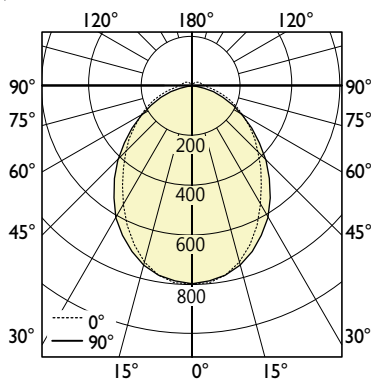
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	14871	13045	11453
55	13026	11161	9585
65	11088	9429	8163
75	8767	7698	6843
85	4868	5504	5504

500 lm/ft linear with 0.5" StepLens



PHOTOMETRIC CURVE



Lumen/ft down: 500 lm/ft
Total Lumens: 2000 lm (for 4ft)
Input Watts: 19.9 W
Efficacy: 101 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
 IES FILE:SCD-500-80-35-0.5M-4-W-UNV-D-1.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	798	798	798	798	798
5	789	793	791	795	798
15	749	756	747	737	736
25	665	665	646	627	621
35	550	552	524	502	490
45	424	425	405	386	379
55	296	307	300	289	283
65	184	202	208	205	199
75	89	113	130	131	127
85	19	45	66	73	71
90	4	26	48	55	54
95	2	23	41	46	46
105	1	18	34	39	39
115	0	11	27	33	34
125	0	7	19	27	28
135	0	4	14	19	21
145	0	1	8	13	15
155	0	0	3	6	8
165	0	0	0	1	2
175	0	0	0	0	0
180	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	75
10-20	209
20-30	297
30-40	328
40-50	313
50-60	266
60-70	201
70-80	128
80-90	66
90-100	37
100-110	29
110-120	22
120-130	15
130-140	9
140-150	5
150-160	2
160-170	0
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	12278	9680	8467
55	10519	8188	7087
65	8816	6881	5879
75	6869	5638	4734
85	4143	4421	3748

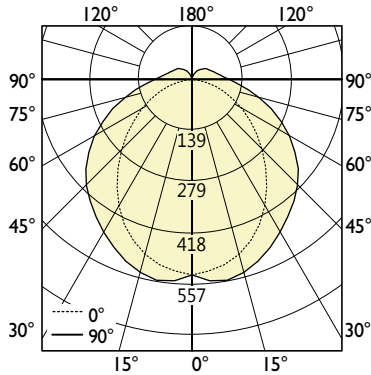
i All IES files are available for download at: www.axislighting.com

● PHOTOMETRIC DATA

500 lm/ft linear with 2" StepLens



PHOTOMETRIC CURVE



Lumen/ft down: 500 lm/ft
Total Lumens: 2002 lm (for 4ft)
Input Watts: 19.6 W
Efficacy: 102 lm/W

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

IES FILE:SCD-500-80-35-2M-4-W-UNV-D-1.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	534	534	534	534	534
5	526	536	542	550	553
15	496	522	535	542	547
25	437	474	492	501	507
35	358	405	433	451	459
45	273	330	373	400	409
55	194	257	311	340	346
65	125	190	246	271	270
75	66	129	183	198	193
85	22	81	127	134	129
90	10	62	105	110	104
95	8	54	91	95	89
105	6	43	71	74	69
115	3	31	57	62	59
125	2	24	44	52	51
135	1	17	34	40	42
145	1	11	23	31	33
155	0	6	13	21	23
165	0	2	6	9	12
175	0	0	1	1	1
180	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	52
10-20	149
20-30	223
30-40	266
40-50	279
50-60	264
60-70	224
70-80	170
80-90	115
90-100	79
100-110	60
110-120	45
120-130	33
130-140	22
140-150	13
150-160	6
160-170	2
180	0

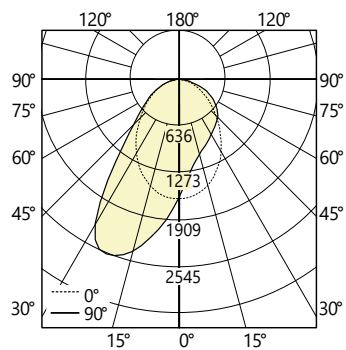
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	7661	5574	5181
55	6600	4744	4347
65	5593	3954	3472
75	4518	3206	2617
85	3529	2531	1914

1000 lm/ft linear with ASO Lens



PHOTOMETRIC CURVE



Lumen/ft down: 1000 lm/ft
Total Lumens: 3983 lm (for 4ft)
Input Watts: 40.87 W
Efficacy: 97 lm/W

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

IES FILE: SCD-1000-80-35-ASO-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1605	1605	1605	1605	1605
5	1597	1480	1418	1364	1357
15	1488	1236	1126	1070	1061
25	1277	1008	942	925	926
35	1007	805	785	807	828
45	728	609	626	697	743
55	502	439	473	569	621
65	320	287	318	418	452
75	164	145	166	231	244
85	31	30	38	53	55
90	2	3	4	5	5

ZONAL LUMENS

Zone	Lumens
0	
0-10	153
10-20	457
20-30	716
30-40	801
40-50	695
50-60	540
60-70	374
70-80	199
80-90	49
90	0

LUMINANCE DATA (cd/m²)

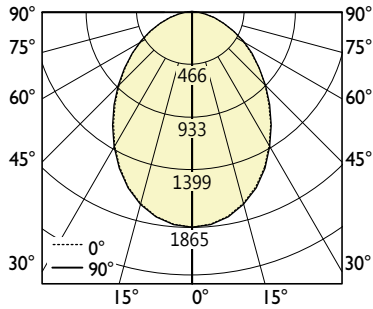
Vertical Angle	Horizontal Angles		
	0	45	90
45	21120	18134	21546
55	17933	16909	22209
65	15544	15439	21939
75	13017	13187	19318
85	7326	8974	12910

● PHOTOMETRIC DATA

500 lm/ft kit with Flush Lens



PHOTOMETRIC CURVE



Lumen/ft down: 500 lm/ft
Total Lumens: 3999 lm (for 8ft)
Input Watts: 43.4 W
Efficacy: 92 lm/W

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

IES FILE:SCD-4000-80-35-F-2x2-W-UNV-D-1.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1865	1865	1865	1865	1865
5	1844	1844	1846	1844	1847
15	1720	1720	1723	1724	1724
25	1483	1485	1486	1491	1491
35	1187	1187	1187	1193	1194
45	891	888	887	894	899
55	625	620	619	626	631
65	396	393	391	396	399
75	201	199	199	201	202
85	52	54	55	54	51
90	4	4	4	4	3

ZONAL LUMENS

Zone	Lumens
0	
0-10	175
10-20	484
20-30	683
30-40	743
40-50	688
50-60	559
60-70	391
70-80	213
80-90	62
90	

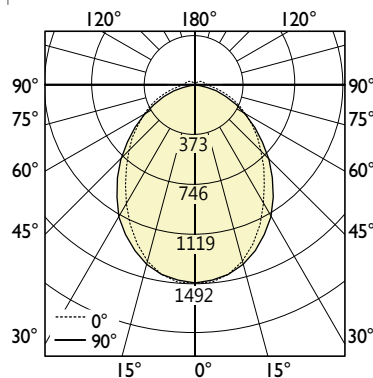
LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	13832	13762	13948
55	11951	11836	12065
65	10268	10152	10346
75	8510	8447	8574
85	6601	6978	6412

500 lm/ft kit with 0.5" StepLens



PHOTOMETRIC CURVE



Lumen/ft down: 500 lm/ft
Total Lumens: 4000 lm (for 8ft)
Input Watts: 42.2 W
Efficacy: 95 lm/W

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

IES FILE:SCD-4000-80-35-0.5M-2x2-W-UNV-D-1.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1492	1492	1492	1492	1492
5	1478	1478	1478	1478	1481
15	1392	1393	1398	1396	1394
25	1218	1223	1229	1226	1219
35	1002	1010	1014	1012	1001
45	794	804	807	801	787
55	603	616	622	609	590
65	433	450	457	441	415
75	281	302	313	295	263
85	152	166	177	165	141
90	57	67	72	64	50
95	48	57	62	54	42
105	40	46	51	44	35
115	32	37	41	36	30
125	26	26	31	24	24
135	17	15	17	16	17
145	10	8	4	8	10
155	2	1	0	1	2
165	0	0	0	0	0
175	0	0	0	0	0
180	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	140
10-20	392
20-30	563
30-40	632
40-50	618
50-60	547
60-70	440
70-80	313
80-90	169
90-100	60
100-110	47
110-120	36
120-130	24
130-140	13
140-150	5
150-160	1
160-170	0
180	

LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	11843	11847	11739
55	10913	10995	10677
65	10339	10572	9923
75	10360	10922	9687
85	13047	13460	12148

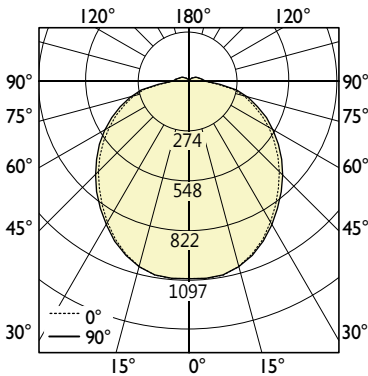
i All IES files are available for download at: www.axislighting.com

● PHOTOMETRIC DATA

500 lm/ft kit with 2" StepLens



PHOTOMETRIC CURVE



Lumen/ft down: 500 lm/ft
Total Lumens: 4000 lm (for 8ft)
Input Watts: 39.8 W
Efficacy: 100 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
IES FILE:SCD-4000-80-35-2M-2x2-W-UNV-D-1.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1093	1093	1093	1093	1093
5	1093	1093	1095	1095	1096
15	1063	1073	1081	1074	1062
25	974	993	1001	989	965
35	857	881	888	871	839
45	734	766	771	751	708
55	606	644	655	629	577
65	473	514	533	502	446
75	341	378	399	369	319
85	172	197	215	193	157
90	98	120	133	116	88
95	84	103	117	102	76
105	66	81	93	80	60
115	52	65	75	63	48
125	43	49	57	48	39
135	29	31	37	34	30
145	20	20	23	21	21
155	11	10	11	11	12
165	3	2	1	2	3
175	0	0	0	0	0
180	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	104
10-20	302
20-30	455
30-40	546
40-50	581
50-60	564
60-70	497
70-80	388
80-90	214
90-100	110
100-110	84
110-120	63
120-130	44
130-140	26
140-150	14
150-160	5
160-170	1
180	0

LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	9718	9632	9382
55	9310	9306	8870
65	8982	9102	8454
75	8802	8870	8252
85	7308	7182	6682

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

● MICRO DOWNLIGHT - PHOTOMETRIC DATA

