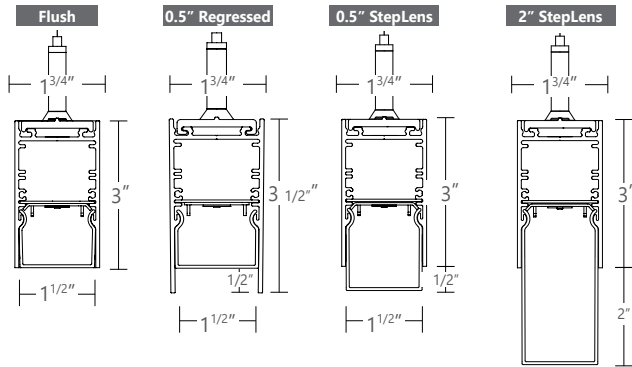


Linear version shown 2'x6' ceiling kit shown 4'x4' ceiling kit shown



* Check the latest update on the DLC website for complete information. Not all versions may be DLC qualified.
See page 3 for DLC Approved options



Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K*

	NOMINAL LUMEN OUTPUT		INPUT WATTS*	EFFICACY
LENS	UPLIGHT	DOWNLIGHT		
FLUSH	750 lm/ft	500 lm/ft	11.9 W/ft	105 lm/W
0.5"	750 lm/ft	500 lm/ft	11.33 W/ft	110 lm/W
2"	750 lm/ft	500 lm/ft	11.25 W/ft	111 lm/W
Batwing	640 lm/ft		5.8 W/ft	103 lm/W

*Based on two drivers per fixture minimum

Please consult factory for custom lumen output and wattage.

Ordering Guide

SCDI	PRODUCT ID	NOM. LUMENS/ FT UP	NOM. LUMENS/FT DOWN	CRI	COLOR TEMP. (choose one)	SHIELDING UP	SHIELDING DOWN
Pendant Direct/Indirect	300 300 lm/ft - Min 1000 1000 lm/ft - Max	300 300 lm/ft - Min 500 500 lm/ft - Max	80 80 CRI 90 90 CRI*	27 2700 K 30 3000 K 35 3500 K 40 4000 K B30 3000 K - BIOS* B35 3500 K - BIOS* B40 4000 K - BIOS*	TW2750 2700-5000 K - Tunable White TW2765 2700-6500 K - Tunable White BTW3527 3500-2700 K - Tunable BIOS BTW4027 4000-2700 K - Tunable BIOS	SO spotless lens BW batwing lens	FL flush* 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* +BL(##) Blank (for flush option only) ASO asymmetric flush lens UB Ultra blend lens (flush 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.		Applies to both UP & DOWN. * Not available with BIOS.		Applies to both UP & DOWN. 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	
S(L)	# 2 ft - 12 ft continuous length	L L shape 2'* U U shape 2'*	AP aluminum paint	120 120 V 277 277 V		DP dimming (0-10V) 1% LT lutron		1 1 circuit * 2 2 circuits**	
	System Run	2x2 2'x2'* 2x4 2'x4'* 2x6 2'x6'* 2x8 2'x8'* 2x10 2'x10'* 2x12 2'x12'* 4x4 4'x4'*	W white BLK black C custom	347 347 V UNV universal DC low voltage*		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*		+E(#) emergency section*** +NL(#) night light section*** +GTD(#) generator transfer device***	
				Applies to both UP & DOWN. * Only available with POE drivers.		Applies to both UP & DOWN. *See page 3 to specify system **Please consult factory; see page 3		*Control UP & DOWN lights together **Control UP & DOWN lights separately. Minimum 3 ft length. ***Specify quantity	

MOUNTING/SUSPENSION	BATTERY (OPT.)	IC CONTROLS (OPT.)	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.	5' minimum. For lengths under 5' battery pack is remote only. Not available with 347V Please consult factory	*For flush option only; Please consult factory. **Please consult factory. Applies to both UP & DOWN. 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.



* Check the latest update on the DLC website for complete information. Not all versions may be DLC qualified.

● DLC Approved Options

OUTPUT UP	OUTPUT DOWN	CRI	CCT	SHIELDING	SHIELDING	LENGTH	VOLTAGE
300 lm/ft	300 lm/ft	80	3000 K	FL	FL	4'	universal
500 lm/ft	400 lm/ft		3500 K	BW	0.5M	5'	
750 lm/ft	500 lm/ft		4000 K		2M	6'	
						7'	
						8'	
						9'	
						10'	
						11'	
						12'	

● 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/Indirect 4 ft	8 lbs / 3.6 kg
Direct/Indirect 8 ft	16 lbs / 7.3 kg
Direct/Indirect 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.



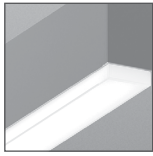
● WARRANTY

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



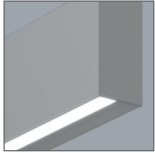
FL flush
UB ultrablend lens
ASO asymmetric lens



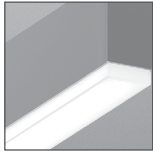
0.5M 0.5" StepLens,
lum. end cap



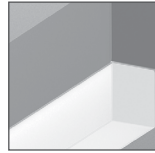
2M 2" StepLens,
lum. end cap



RG 0.5" Regressed



0.5P 0.5" StepLens,
opaque end cap



2P 2" StepLens,
opaque end cap



StepLens

● CORNERS

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

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



Shown with 2" StepLens

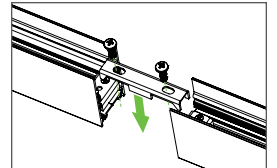
● SYSTEM (S#)

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.

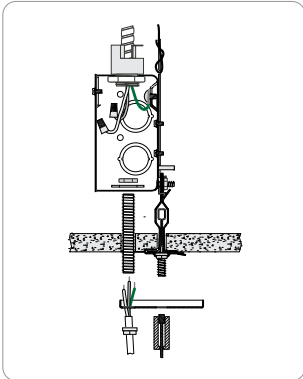
NOTE: Mount each system segment individually. Do not assemble system prior to mounting.



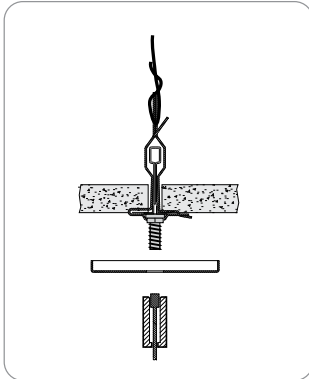
- i** Allow a minimum of 6" between end of long runs and vertical wall

● MOUNTING OPTIONS

GT TILE CEILING - ON GRID

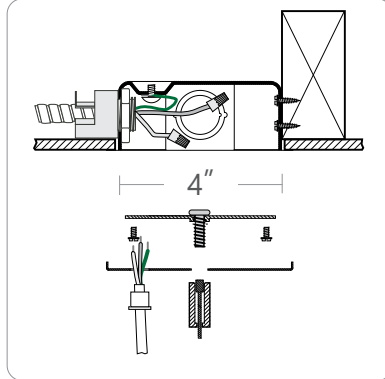


Power feed

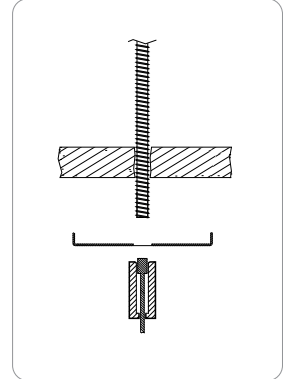


Non power feed

CA DRYWALL CEILING

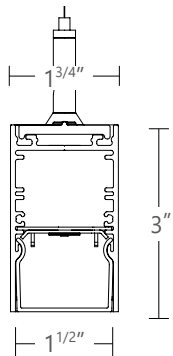


Power feed

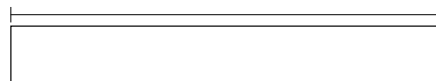


Non power feed

● 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.

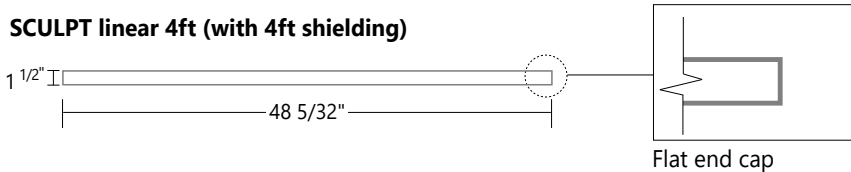
● OTHER MOUNTING OPTIONS

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

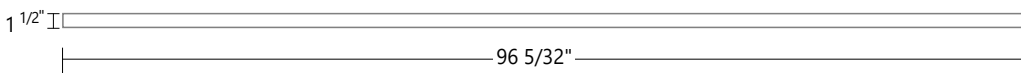
● NOMINAL LENGTHS (Please see shopdrawing for exact lengths)

SCULPT linear 4ft (with 4ft shielding)

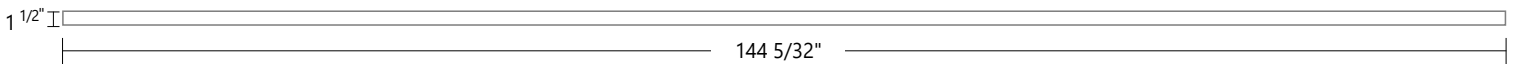


Flat end cap

SCULPT linear 8ft Continuous (with 8ft shielding)



SCULPT linear 12ft (with 4ft shielding)



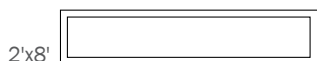
SCULPT Kits Continuous



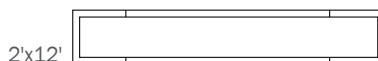
2'x6'



2'x10'



2'x8'

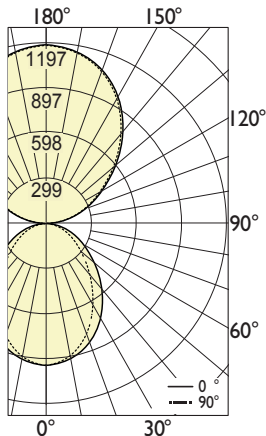


2'x12'

● PHOTOMETRIC DATA

Uplight 60%
750 lm/ft
Downlight 40% with Flush lens
500 lm/ft

PHOTOMETRIC CURVE



Lumen/ft up: 750 lm/ft
Lumen/ft down: 500 lm/ft
Total Lumens: 5004 lm (for 4ft)
Input Watts: 47.6 W
Efficacy: 105 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
IES FILE:SCDI-750-500-80-35-F-4-W-UNV-D-1.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

	Horizontal Angles				
Vertical Angle	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
95	37	40	45	47	47
105	171	171	172	170	168
115	334	332	328	327	322
125	514	514	507	503	497
135	705	705	698	691	686
145	885	883	877	870	866
155	1030	1031	1027	1019	1017
165	1132	1131	1133	1131	1130
175	1185	1191	1187	1183	1181
180	1193	1193	1193	1193	1193

ZONAL LUMENS

	Lumens
Zone	
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	51
90-100	181
100-110	326
110-120	454
120-130	537
130-140	548
140-150	472
150-160	319
160-170	113
170-180	109
180	

LUMINANCE DATA (cd/m²)

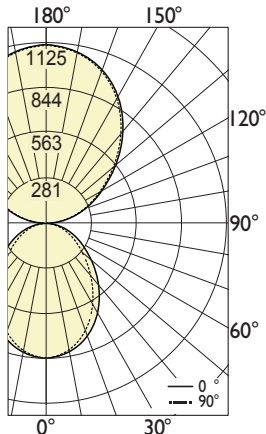
	Horizontal Angles		
Vertical Angle	0	45	90
45	14871	13045	11453
55	13026	11161	9585
65	11088	9629	8163
75	8767	7698	6843
85	4868	5504	5504

Uplight 60%
750 lm/ft

Downlight 40% with 0.5" StepLens
500 lm/ft



PHOTOMETRIC CURVE



Lumen/ft up: 750 lm/ft
Lumen/ft down: 500 lm/ft
Total Lumens: 5005 lm (for 4ft)
Input Watts: 45.3 W
Efficacy: 110 lm/W

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

IES FILE:SCDI-750-500-80-35-0.5M-4-W-UNV-D-1.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

	Horizontal Angles				
Vertical Angle	0	22.5	45	67.5	90
0	857	857	857	857	857
5	848	852	850	856	859
15	801	808	802	795	795
25	711	716	699	677	669
35	589	590	565	539	529
45	447	455	437	418	410
55	314	328	323	313	308
65	195	215	225	222	218
75	96	122	141	142	140
85	23	49	74	82	82
90	9	34	61	73	74
95	46	70	95	105	106
105	168	184	204	209	208
115	318	329	343	347	344
125	485	492	503	505	501
135	663	667	673	674	670
145	831	830	834	835	831
155	968	969	971	967	963
165	1064	1064	1068	1067	1065
175	1112	1119	1118	1113	1111
180	1121	1121	1121	1121	1121

ZONAL LUMENS

	Lumens
Zone	
0	
0-10	81
10-20	225
20-30	320
30-40	352
40-50	336
50-60	286
60-70	216
70-80	139
80-90	73
90-100	97
100-110	209
110-120	335
120-130	446
130-140	517
140-150	520
150-160	446
160-170	300
170-180	106
180	

LUMINANCE DATA (cd/m²)

	Horizontal Angles		
Vertical Angle	0	45	90
45	12950	10432	9167
55	11175	8818	7722
65	9360	7428	6426
75	7358	6114	5200
85	4808	4909	4288

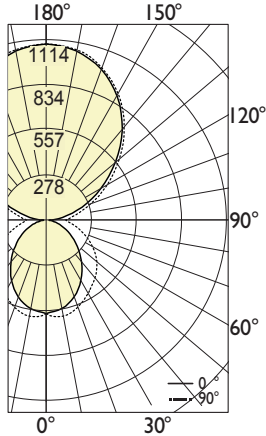
i All IES files are available for download at: www.axislighting.com

● PHOTOMETRIC DATA

Uplight 60%
750 lm/ft
Downlight 40% with 2" StepLens
500 lm/ft



PHOTOMETRIC CURVE



Lumen/ft up: 750 lm/ft
Lumen/ft down: 500 lm/ft
Total Lumens: 5005 lm (for 4ft)
Input Watts: 45 W
Efficacy: 111 lm/W

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

IES FILE:SCDI-750-500-80-35-2M-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	587	587	587	587	587
5	577	588	596	605	609
15	542	573	588	598	602
25	478	521	542	554	557
35	391	445	477	497	503
45	300	363	408	439	448
55	213	283	341	372	378
65	138	210	270	296	296
75	74	144	201	217	213
85	27	91	140	149	144
90	16	72	120	129	125
95	51	100	145	153	148
105	169	208	241	243	237
115	318	347	370	372	366
125	482	505	523	525	520
135	658	675	688	689	684
145	824	834	843	847	843
155	957	967	974	974	970
165	1051	1057	1064	1067	1064
175	1099	1109	1108	1104	1100
180	1109	1109	1109	1109	1109

ZONAL LUMENS

Zone	Lumens
0	
0-10	57
10-20	164
20-30	246
30-40	292
40-50	306
50-60	289
60-70	246
70-80	187
80-90	129
90-100	139
100-110	238
110-120	355
120-130	460
130-140	525
140-150	525
150-160	447
160-170	299
170-180	105
180	

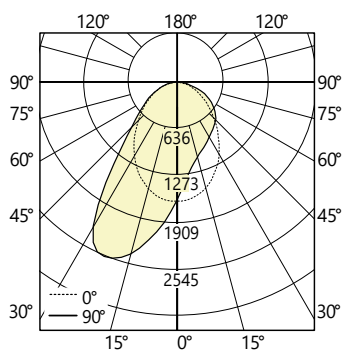
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	8407	6111	5675
55	7247	5199	4758
65	6182	4331	3811
75	5137	3523	2897
85	4376	2797	2140

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

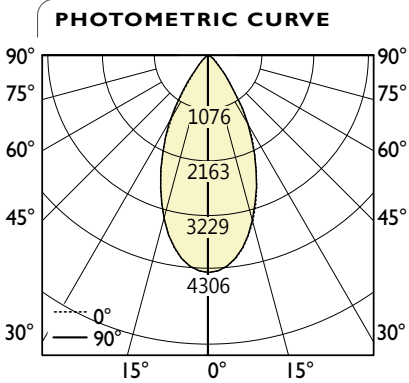
LUMINANCE DATA (cd/m²)

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

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

● PHOTOMETRIC DATA

Micro Downlight - 3ft
1000 lm/ft



Direct Output: 1000 lm/ft
Total Lumens: 3262 lm (for 3ft)
Input Watts: 32.06 W
Efficacy: 102 lm/W

IES FILE: SCULPT-1000-90-MICROLIGHT-3.IES
TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION					
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	4306	4306	4306	4306	4306
5	4202	4200	4199	4199	4198
15	3389	3397	3400	3391	3378
25	2162	2164	2149	2161	2151
35	896	969	1060	1016	933
45	266	276	320	285	273
55	81	83	63	84	84
65	1	3	10	3	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	1	0	0	0

ZONAL LUMENS	
Zone	Lumens
0	
0-10	391
10-20	940
20-30	985
30-40	626
40-50	238
50-60	74
60-70	9
70-80	0
80-90	0
90	

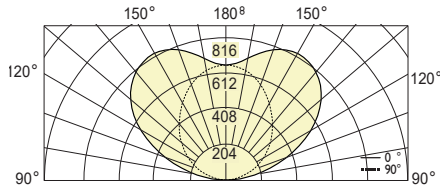
LUMINANCE DATA (cd/m²)			
Vertical Angle	Horizontal Angles		
	0	45	90
45	10571	12714	10833
55	3962	3107	4125
65	35	634	0
75	0	0	0
85	0	0	0

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● PHOTOMETRIC DATA - BATWING

Uplight Batwing
640 lm/ft

PHOTOMETRIC CURVE



Lumen/ft up: 640 lm/ft
Total Lumens: 2389 lm (for 4ft)
Input Watts: 23.1 W
Efficacy: 103 lm/W

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

IES FILE: SCI-640-80-35-BW-4-W-UNV-DP-1-CA.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	10	12	9	2	1
95	80	78	64	27	24
105	258	252	218	105	107
115	454	445	388	195	199
125	630	613	533	280	283
135	751	727	632	354	367
145	810	783	686	412	449
155	806	779	697	456	532
165	737	720	675	486	602
175	658	656	649	501	640
180	646	646	646	646	646

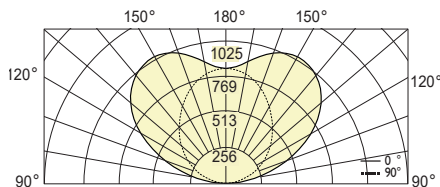
ZONAL LUMENS

Zone	Lumens
90	
90-100	63
100-110	201
110-120	334
120-130	420
130-140	438
140-150	393
150-160	300
160-170	181
170-180	59
180	

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

Uplight Batwing
750 lm/ft

PHOTOMETRIC CURVE



Lumen/ft up: 750 lm/ft
Total Lumens: 3000 lm (for 4ft)
Input Watts: 29.1 W
Efficacy: 103 lm/W

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

IES FILE: SCI-750-80-35-BW-4-W-UNV-DP-1-CA.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	2	3	11	16	12
95	30	34	81	98	101
105	134	132	274	317	324
115	249	244	487	559	570
125	356	351	669	770	791
135	461	445	794	913	943
145	563	518	862	983	1017
155	668	573	876	979	1012
165	756	611	848	904	926
175	804	629	816	824	827
180	811	811	811	811	811

ZONAL LUMENS

Zone	Lumens
90	
90-100	79
100-110	252
110-120	420
120-130	527
130-140	550
140-150	493
150-160	377
160-170	227
170-180	74
180	

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