

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: LUMARK

Report Number: P1197182

Luminaire Tested: AWPS75S-BZ-LOW-4000K-POSITION 0

Issue Date: 10/29/2025

Test Information

Test Method: LM-79-2019
Report Number: P1197182
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LDS)
Test Lab: INNOVATION CENTER
Issue Date: 10/30/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: AWPS75S-BZ-LOW-4000K-POSITION 0
Description: AWP Architectural
Light Source: 80 CRI, 4000K
Ballast/Driver: -

Summary

Lumens per Lamp: 7975 (1 lamp)
Luminaire Lumens: 8446.3 lumens
Efficiency: 105.9%
Efficacy: 155.5 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.4' x L: 0.56' x H: 0.69')
IES Classification: Type III - Short - Cutoff
BUG Rating: B3 - U1 - G1

Input Watts (W): 54.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

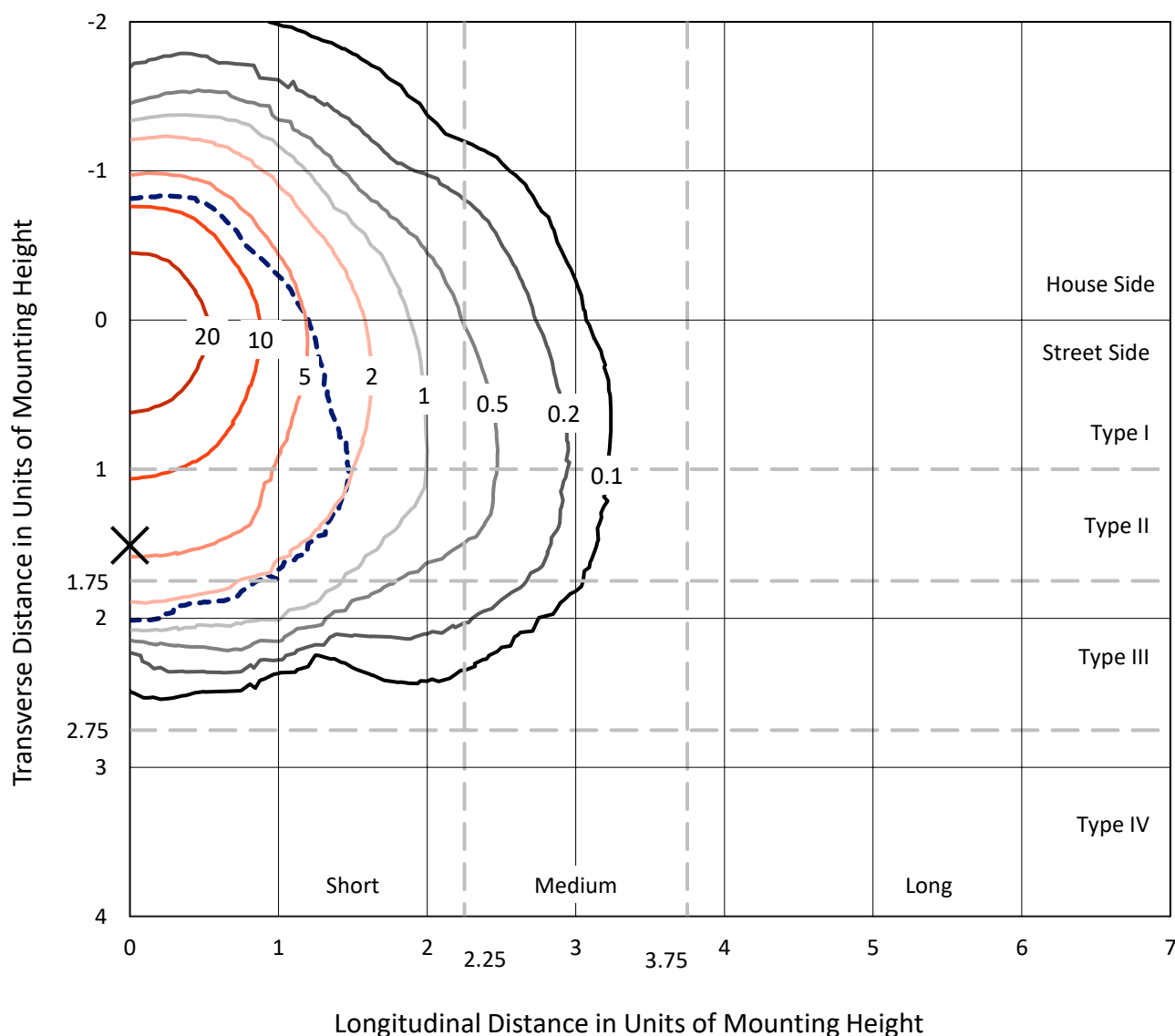
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

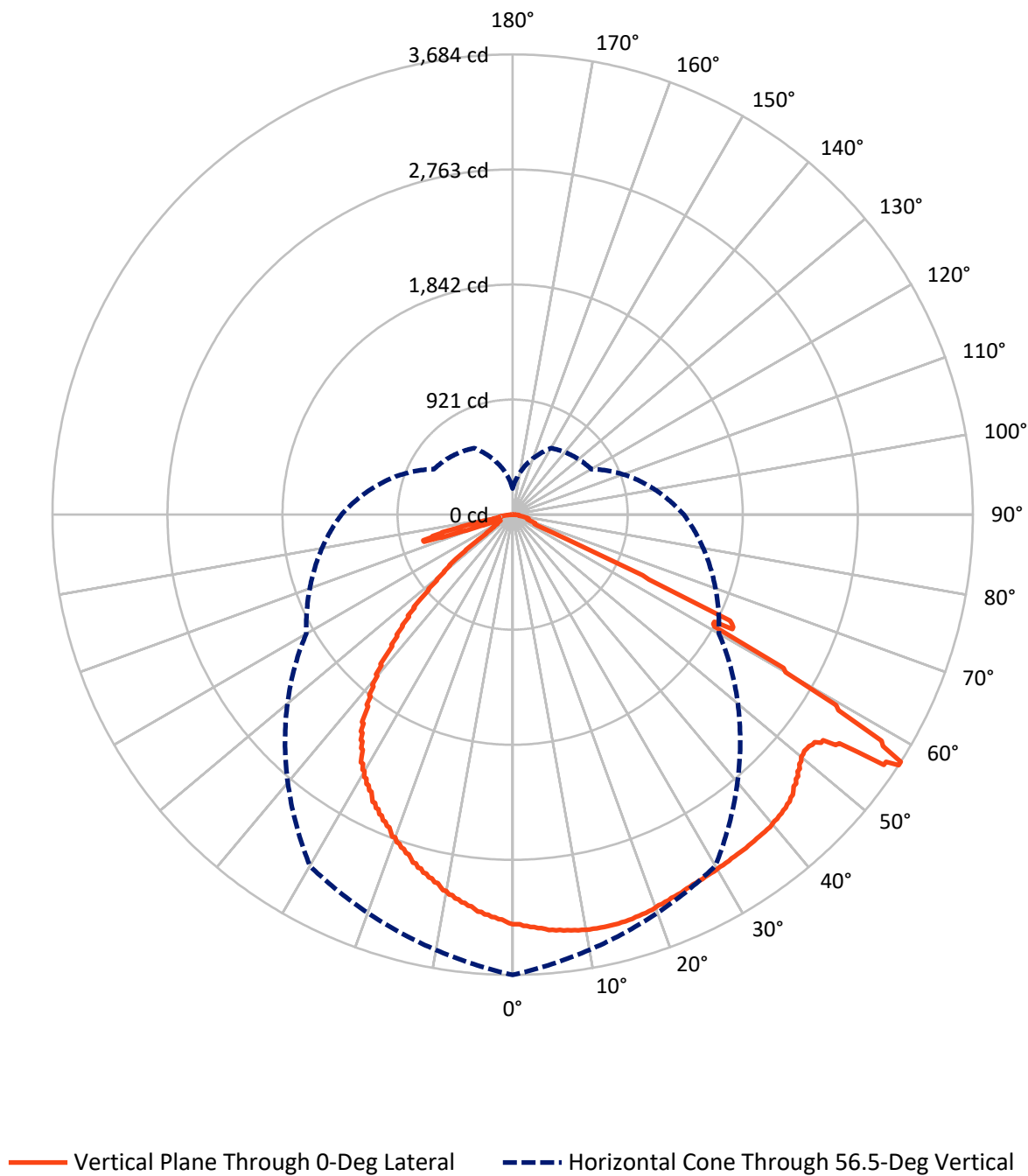


Based on 10 foot mounting height. Maximum calculated value = 32.8 fc
 Type III - Short - Cutoff

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Luminous Intensity Polar Plot



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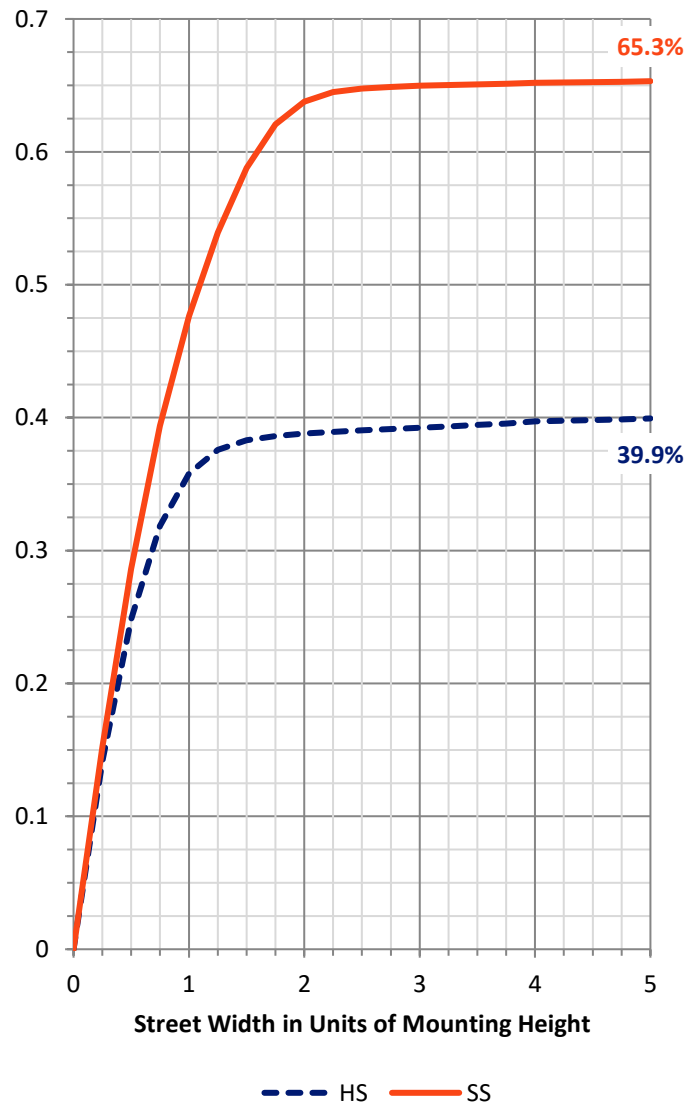
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3236.3	1.3	3237.6
	% Lamp	40.6	0.0	40.6
Street Side	Lumens	5208.7	0.0	5208.7
	% Lamp	65.3	0.0	65.3
Total	Lumens	8445.0	1.3	8446.3
	% Lamp	105.9	0.0	105.9

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	312.2	3.7	3.9
10°-20°	894.3	10.6	11.2
20°-30°	1354.8	16.0	17.0
30°-40°	1645.3	19.5	20.6
40°-50°	1684.4	19.9	21.1
50°-60°	1476.9	17.5	18.5
60°-70°	781.5	9.3	9.8
70°-80°	227.9	2.7	2.9
80°-90°	67.6	0.8	0.8
90°-100°	1.3	0.0	0.0
100°-110°	0.0	0.0	0.0
110°-120°	0.0	0.0	0.0
120°-130°	0.0	0.0	0.0
130°-140°	0.0	0.0	0.0
140°-150°	0.0	0.0	0.0
150°-160°	0.0	0.0	0.0
160°-170°	0.0	0.0	0.0
170°-180°	0.0	0.0	0.0
0°-90°	8445.0	100.0	105.9
0°-180°	8446.3	100.0	105.9

Coefficient of Utilization



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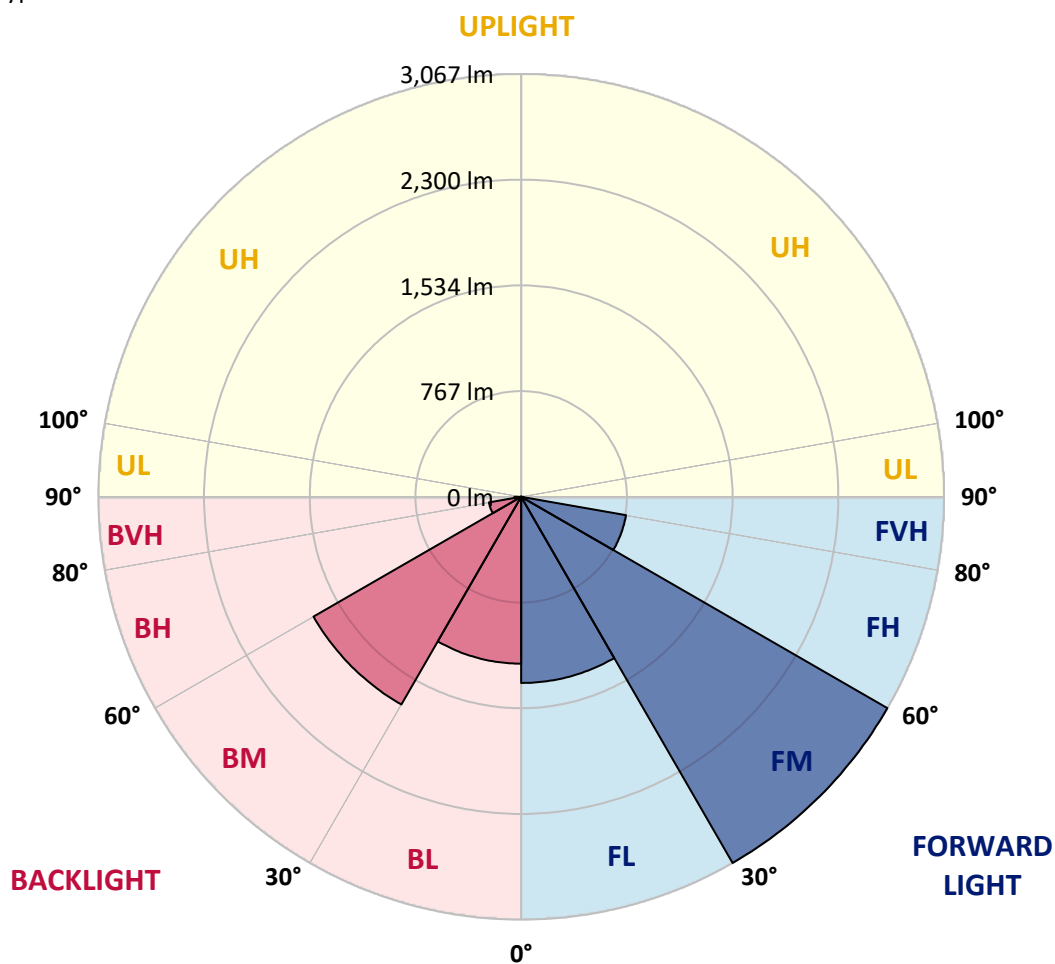
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1350.7	16.9			
FM	(30°-60°)	3067.2	38.5			
FH	(60°-80°)	772.0	9.7			G1/1800
FVH	(80°-90°)	18.7	0.2			G1/100
BL	(0°-30°)	1210.6	15.2	B3/2500		
BM	(30°-60°)	1739.4	21.8	B2/2500		
BH	(60°-80°)	237.4	3.0	B1/500		G1/500
BVH	(80°-90°)	48.9	0.6			G1/100
UL	(90°-100°)	1.3	0.0		U1/10	
UH	(100°-180°)	0.0	0.0		U0/0	
Trapped Light		-471.3	-5.9			

BUG Rating: B3-U1-G1

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°
0°	3278.6	3278.6	3278.6	3278.6	3278.6	3278.6	3278.6
0.5°	3278.6	3278.6	3278.6	3278.6	3278.6	3278.6	3278.6
1°	3293.8	3295.8	3315.4	3311.2	3281.5	3308.3	3268.9
1.5°	3294.5	3305.0	3317.0	3311.3	3281.5	3299.9	3255.7
2°	3304.5	3305.8	3317.0	3309.6	3273.0	3299.2	3241.5
2.5°	3305.0	3314.2	3320.2	3309.8	3273.0	3287.5	3240.5
3°	3316.7	3315.2	3320.2	3307.3	3261.1	3286.6	3224.6
3.5°	3317.2	3322.7	3320.9	3307.3	3261.1	3275.7	3223.7
4°	3327.3	3329.4	3321.4	3303.1	3249.0	3274.7	3208.7
4.5°	3337.8	3330.2	3318.8	3302.9	3249.0	3263.0	3207.7
5°	3337.8	3336.0	3319.3	3298.7	3237.8	3248.7	3189.9
5.5°	3345.7	3336.7	3317.7	3294.4	3224.1	3247.6	3189.9
6°	3345.7	3336.7	3317.7	3294.4	3224.1	3235.1	3171.3
6.5°	3354.3	3346.6	3315.1	3287.4	3209.3	3233.9	3152.1
7°	3354.6	3346.6	3312.6	3287.2	3209.3	3219.7	3150.9
7.5°	3361.3	3350.5	3312.8	3280.5	3193.7	3218.5	3130.8
8°	3361.4	3350.5	3308.7	3280.2	3193.7	3202.6	3129.5
8.5°	3368.9	3354.4	3308.9	3271.8	3178.0	3201.3	3108.6
9°	3369.0	3357.8	3305.0	3271.5	3178.0	3185.5	3107.3
9.5°	3374.0	3358.2	3305.0	3263.1	3158.9	3164.7	3082.3
10°	3377.3	3361.0	3299.4	3253.5	3158.1	3164.7	3082.3
10.5°	3377.3	3361.0	3299.4	3253.5	3140.6	3144.9	3058.2
11°	3380.5	3361.2	3292.7	3242.0	3121.3	3143.3	3058.2
11.5°	3380.3	3361.2	3285.2	3241.4	3121.3	3124.1	3034.1
12°	3381.9	3360.5	3285.1	3231.4	3101.3	3122.5	3009.0
12.5°	3381.6	3360.5	3276.8	3230.7	3101.3	3100.8	3007.2
13°	3381.6	3358.9	3276.6	3219.0	3078.6	3099.0	2982.1
13.5°	3381.2	3355.5	3266.3	3218.2	3078.6	3077.3	2980.3
14°	3381.2	3355.5	3266.3	3205.6	3054.9	3075.4	2955.3
14.5°	3378.9	3351.2	3256.8	3204.9	3054.9	3052.8	2953.4
15°	3378.9	3351.2	3256.8	3192.3	3032.2	3027.6	2925.5
15.5°	3374.8	3344.2	3244.5	3177.2	3005.9	3025.5	2925.5
16°	3374.8	3344.2	3244.5	3177.2	3005.9	3000.5	2896.7
16.5°	3368.4	3338.7	3231.6	3160.2	2979.5	2998.4	2896.7
17°	3367.5	3338.7	3217.4	3159.1	2979.5	2974.2	2869.6
17.5°	3362.5	3330.0	3216.7	3141.5	2952.2	2972.0	2842.1
18°	3362.5	3330.0	3201.6	3140.3	2952.2	2945.3	2839.8
18.5°	3355.9	3320.3	3200.9	3124.4	2923.3	2943.0	2812.3
19°	3355.1	3310.3	3185.8	3123.2	2923.3	2914.6	2809.9
19.5°	3346.7	3309.6	3185.8	3104.8	2892.5	2912.1	2784.0
20°	3338.4	3298.9	3167.5	3103.4	2892.5	2885.4	2781.8
20.5°	3338.4	3298.9	3167.5	3085.0	2861.7	2855.4	2750.2
21°	3330.8	3287.5	3149.0	3063.5	2830.0	2852.9	2750.2
21.5°	3330.8	3287.5	3149.0	3063.5	2830.0	2822.8	2719.3
22°	3321.4	3275.9	3129.7	3040.2	2798.1	2820.3	2690.9

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
22.5°	3320.7	3275.9	3110.5	3038.6	2798.1	2791.1	2688.5
23°	3314.8	3265.4	3109.7	3018.6	2764.7	2788.4	2660.1
23.5°	3314.0	3265.4	3090.4	3017.0	2764.7	2760.0	2657.7
24°	3307.3	3254.0	3089.5	2994.4	2730.2	2757.3	2626.8
24.5°	3300.7	3243.5	3068.7	2992.7	2730.2	2727.2	2624.3
25°	3300.7	3243.5	3068.7	2969.3	2694.0	2693.5	2591.6
25.5°	3294.0	3232.2	3046.9	2943.4	2692.0	2693.5	2591.6
26°	3294.0	3232.2	3046.9	2943.4	2656.9	2659.6	2558.2
26.5°	3289.1	3221.8	3024.3	2916.5	2619.7	2656.7	2558.2
27°	3288.4	3221.8	3002.6	2914.7	2619.7	2625.0	2524.6
27.5°	3283.4	3210.5	3001.7	2889.6	2580.9	2621.9	2490.3
28°	3282.5	3210.5	2978.3	2887.7	2580.9	2590.1	2487.7
28.5°	3280.0	3201.1	2977.5	2860.1	2541.8	2587.1	2455.1
29°	3279.3	3201.1	2953.3	2858.1	2541.8	2554.5	2452.4
29.5°	3275.1	3190.7	2952.4	2831.3	2502.0	2551.4	2415.6
30°	3271.9	3180.5	2928.2	2829.4	2502.0	2518.0	2412.9
30.5°	3271.9	3180.5	2928.2	2800.2	2461.1	2482.2	2370.0
31°	3268.6	3170.2	2902.3	2768.8	2419.4	2478.9	2370.0
31.5°	3268.6	3170.2	2902.3	2768.8	2419.4	2443.8	2326.2
32°	3262.0	3160.6	2875.6	2734.9	2375.0	2440.3	2326.2
32.5°	3261.2	3160.6	2849.7	2732.8	2375.0	2406.1	2279.0
33°	3260.4	3150.5	2848.9	2701.0	2333.1	2402.8	2231.4
33.5°	3259.6	3150.5	2822.2	2698.8	2333.1	2368.6	2228.6
34°	3258.0	3140.3	2821.3	2666.2	2290.3	2365.2	2177.6
34.5°	3257.3	3129.4	2793.7	2664.0	2290.3	2327.6	2174.5
35°	3254.0	3129.2	2793.7	2629.7	2246.5	2324.2	2120.1
35.5°	3250.7	3118.1	2764.4	2592.3	2243.5	2285.8	2117.0
36°	3250.7	3118.1	2764.4	2592.3	2200.9	2241.3	2053.4
36.5°	3245.9	3109.4	2734.4	2553.9	2155.3	2237.8	2053.4
37°	3245.9	3109.4	2734.4	2553.9	2155.3	2194.3	1987.9
37.5°	3243.6	3099.2	2703.5	2514.6	2108.8	2190.7	1921.1
38°	3242.9	3099.2	2672.6	2512.1	2108.8	2143.9	1917.2
38.5°	3240.4	3088.2	2671.7	2473.6	2062.2	2140.3	1847.0
39°	3239.7	3088.2	2639.9	2471.0	2062.2	2093.5	1843.1
39.5°	3233.8	3079.3	2639.2	2430.9	2013.7	2089.7	1769.6
40°	3226.5	3069.6	2605.9	2428.2	2013.7	2037.9	1765.3
40.5°	3226.5	3069.6	2605.9	2386.4	1964.3	1977.3	1683.7
41°	3218.3	3058.1	2571.6	2340.1	1960.7	1977.3	1683.7
41.5°	3218.3	3058.1	2571.6	2340.1	1913.9	1914.1	1598.5
42°	3208.4	3049.0	2537.4	2293.9	1861.8	1910.0	1598.5
42.5°	3207.5	3049.0	2503.2	2291.1	1861.8	1847.4	1512.3
43°	3193.3	3040.3	2502.5	2244.3	1806.9	1843.1	1428.7
43.5°	3192.5	3040.3	2465.8	2241.2	1806.9	1776.3	1423.1
44°	3174.9	3029.6	2465.0	2194.4	1749.6	1771.8	1342.1
44.5°	3173.7	3029.6	2426.6	2191.2	1749.6	1700.8	1336.2

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
45°	3151.1	3017.7	2425.7	2143.6	1688.0	1696.0	1256.8
45.5°	3129.0	3005.1	2386.4	2140.4	1688.0	1621.6	1250.6
46°	3129.0	3005.1	2386.4	2089.4	1626.1	1540.0	1164.8
46.5°	3100.8	2990.3	2345.2	2036.0	1560.1	1534.8	1164.8
47°	3100.8	2990.3	2345.2	2036.0	1560.1	1455.5	1082.2
47.5°	3070.9	2974.6	2306.5	1980.2	1493.0	1450.2	1082.2
48°	3069.2	2961.2	2266.1	1976.9	1493.0	1367.5	1001.0
48.5°	3041.6	2959.0	2266.1	1923.4	1423.4	1362.1	904.0
49°	3039.8	2959.0	2226.0	1920.1	1423.4	1280.2	897.2
49.5°	3016.4	2939.5	2224.6	1867.5	1352.2	1274.7	802.8
50°	3015.1	2920.2	2177.9	1863.7	1352.2	1192.8	796.0
50.5°	3005.0	2919.4	2177.9	1806.9	1273.1	1107.2	713.4
51°	3010.3	2900.7	2129.5	1747.0	1268.4	1107.2	713.4
51.5°	3010.3	2900.7	2129.5	1747.0	1184.9	1022.5	645.9
52°	3026.5	2883.5	2083.6	1686.5	1089.9	1015.0	645.9
52.5°	3026.5	2883.5	2083.6	1686.5	1089.9	940.7	575.4
53°	3071.4	2876.0	2039.3	1625.2	993.2	933.0	474.3
53.5°	3071.4	2876.0	1997.5	1563.3	988.3	862.8	468.4
54°	3177.0	2893.9	1998.3	1563.3	899.7	855.5	350.6
54.5°	3191.3	2893.9	1959.1	1560.0	899.7	787.0	344.9
55°	3359.2	2960.5	1963.4	1499.9	811.2	780.0	259.7
55.5°	3584.1	3085.9	1933.1	1496.6	811.2	708.2	253.7
56°	3584.1	3085.9	1933.1	1436.4	732.6	614.3	208.8
56.5°	3684.1	3246.0	1907.3	1370.6	727.4	614.3	208.8
57°	3684.1	3246.0	1907.3	1370.6	664.8	538.1	183.7
57.5°	3495.5	3387.9	1879.3	1304.5	605.2	533.6	183.7
58°	3463.2	3387.9	1840.9	1301.3	605.2	469.2	166.7
58.5°	3042.8	3414.9	1846.0	1237.8	539.0	464.1	160.8
59°	3006.2	3414.9	1805.1	1234.4	539.0	375.6	153.5
59.5°	2523.2	3241.1	1794.0	1169.2	461.7	276.0	142.3
60°	2492.2	2906.0	1728.5	1166.1	461.7	276.0	142.3
60.5°	1847.9	2852.5	1728.5	1100.1	379.3	269.6	141.5
61°	1828.7	2431.3	1656.0	1096.9	379.3	269.6	141.5
61.5°	1828.7	2431.3	1656.0	1031.8	317.9	186.4	132.5
62°	1982.9	2061.7	1587.5	966.0	281.8	183.9	132.5
62.5°	1982.9	1786.7	1564.6	966.0	281.8	173.0	124.9
63°	1962.6	1783.8	1536.2	901.0	257.4	171.4	124.9
63.5°	1936.3	1783.8	1516.2	899.3	257.4	163.9	115.9
64°	1208.5	1719.1	1515.8	837.5	240.5	162.9	109.2
64.5°	1150.3	1719.1	1514.2	837.3	240.5	157.1	108.7
65°	476.7	1867.1	1531.1	779.7	225.7	156.2	109.6
65.5°	215.3	1712.0	1554.8	782.6	225.7	150.4	109.1
66°	215.3	1712.0	1554.8	724.9	210.9	145.4	112.1
66.5°	190.9	1113.7	1553.7	672.1	206.2	145.4	112.1
67°	190.9	1113.7	1553.7	672.1	198.7	141.4	118.5

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
67.5°	194.2	498.2	1536.8	618.2	188.1	140.9	118.5
68°	193.8	498.2	1513.4	616.2	188.1	139.2	140.9
68.5°	189.6	207.9	1489.3	558.6	176.6	138.7	160.1
69°	189.3	207.9	1399.9	551.1	176.6	137.0	160.0
69.5°	165.1	154.9	1395.7	493.5	164.3	136.4	181.7
70°	163.5	154.9	1258.6	482.1	164.3	131.4	181.3
70.5°	142.6	143.1	1257.8	430.3	152.5	130.7	252.3
71°	128.7	138.8	1082.0	372.2	148.9	125.7	251.9
71.5°	128.7	138.8	1082.0	372.2	139.7	122.5	399.6
72°	121.1	124.0	881.9	310.6	128.4	121.8	399.6
72.5°	121.1	124.0	881.9	310.6	128.4	119.3	595.8
73°	126.2	106.1	688.2	267.1	117.8	118.6	595.8
73.5°	126.0	106.1	530.3	254.0	117.8	112.8	741.6
74°	130.2	94.7	529.3	233.9	109.4	112.2	744.9
74.5°	130.4	94.7	405.6	223.6	109.4	103.0	744.1
75°	130.4	83.9	404.7	201.9	100.1	102.4	666.4
75.5°	130.8	78.0	294.8	192.8	100.1	74.8	664.1
76°	128.3	77.8	294.8	166.1	89.5	74.1	580.6
76.5°	121.0	77.2	207.9	158.9	89.5	74.1	580.6
77°	121.0	77.2	207.9	131.3	79.7	66.8	422.1
77.5°	104.3	79.1	156.3	102.7	70.2	66.2	422.1
78°	104.3	79.1	156.3	102.7	70.2	67.0	250.0
78.5°	83.3	81.6	133.3	83.3	59.5	66.3	153.9
79°	82.9	81.6	117.4	81.9	59.5	76.3	154.7
79.5°	63.7	81.7	117.5	69.4	51.0	75.7	112.1
80°	62.9	81.7	99.1	67.9	51.0	125.0	116.2
80.5°	52.9	80.0	99.1	57.8	42.6	124.4	93.6
81°	51.9	77.5	82.2	56.5	42.6	221.3	101.7
81.5°	51.0	77.4	82.2	48.1	36.9	307.0	93.8
82°	54.1	71.9	68.3	39.5	36.3	307.0	93.8
82.5°	54.1	71.9	68.3	39.5	28.8	326.4	82.9
83°	54.7	61.2	55.7	30.1	22.2	325.9	82.9
83.5°	54.0	61.2	43.2	29.1	22.2	302.5	70.9
84°	51.5	48.5	42.1	25.8	16.1	302.0	60.9
84.5°	50.8	48.5	25.4	24.4	16.1	272.8	58.5
85°	47.5	34.8	24.3	19.4	10.6	272.4	47.6
85.5°	47.1	34.8	9.3	18.1	10.6	238.1	44.8
86°	41.2	24.3	8.4	13.9	6.1	237.7	37.3
86.5°	30.1	14.2	1.0	13.4	6.1	202.6	34.3
87°	30.1	14.2	1.0	10.0	3.3	165.7	24.6
87.5°	19.2	7.4	0.5	6.7	0.6	165.5	24.6
88°	19.2	7.4	0.5	6.7	0.6	127.9	14.8
88.5°	9.2	2.4	0.1	3.3	0.3	127.9	14.8
89°	9.2	2.4	0.1	3.3	0.3	86.9	7.2
89.5°	1.7	1.0	0.1	1.7	0.1	86.9	7.2

REPORT NUMBER: P1197182

CATALOG NUMBER: AWPS75S-BZ-LOW-4000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
90°	1.7	1.0	0.1	1.7	0.1	55.2	4.6
90.5°	0.0	0.0	0.0	0.0	0.0	55.2	4.6
91°	0.0	0.0	0.0	0.0	0.0	21.7	1.8
91.5°	0.0	0.0	0.0	0.0	0.0	21.7	1.8
92°	0.0	0.0	0.0	0.0	0.0	2.5	0.2
92.5°	0.0	0.0	0.0	0.0	0.0	0.8	0.1
93°	0.0	0.0	0.0	0.0	0.0	0.8	0.1
93.5°	0.0	0.0	0.0	0.0	0.0	0.8	0.1
94°	0.0	0.0	0.0	0.0	0.0	0.8	0.1
94.5°	0.0	0.0	0.0	0.0	0.0	0.8	0.1
95°	0.0	0.0	0.0	0.0	0.0	0.8	0.1
95.5°	0.0	0.0	0.0	0.0	0.0	0.8	0.1
96°	0.0	0.0	0.0	0.0	0.0	0.8	0.1
96.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1197182

CATALOG NUMBER: AWPS75S-BZ-LOW-4000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1197182

CATALOG NUMBER: AWPS75S-BZ-LOW-4000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1197182

CATALOG NUMBER: AWPS75S-BZ-LOW-4000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1197182
CATALOG NUMBER: AWPS75S-BZ-LOW-4000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)