

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: P1197057

Luminaire Tested: AWP75S-BZ-MID-4000K-POSITION 30

Issue Date: 10/29/2025

Test Information

Test Method: LM-79-2019
Report Number: P1197057
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: AWP75S-BZ-MID-4000K-POSITION 30
Description: AWP Architectural Wall Pack Series - Wall Mount Luminaire
Light Source: 80 CRI, 4000K
Ballast/Driver: -

Summary

Lumens per Lamp: 9923 (1 lamp)
Luminaire Lumens: 9828.7 lumens
Efficiency: 99.0%
Efficacy: 151.4 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.4' x L: 0.56' x H: 0.69')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U3 - G5

Input Watts (W): 64.9
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

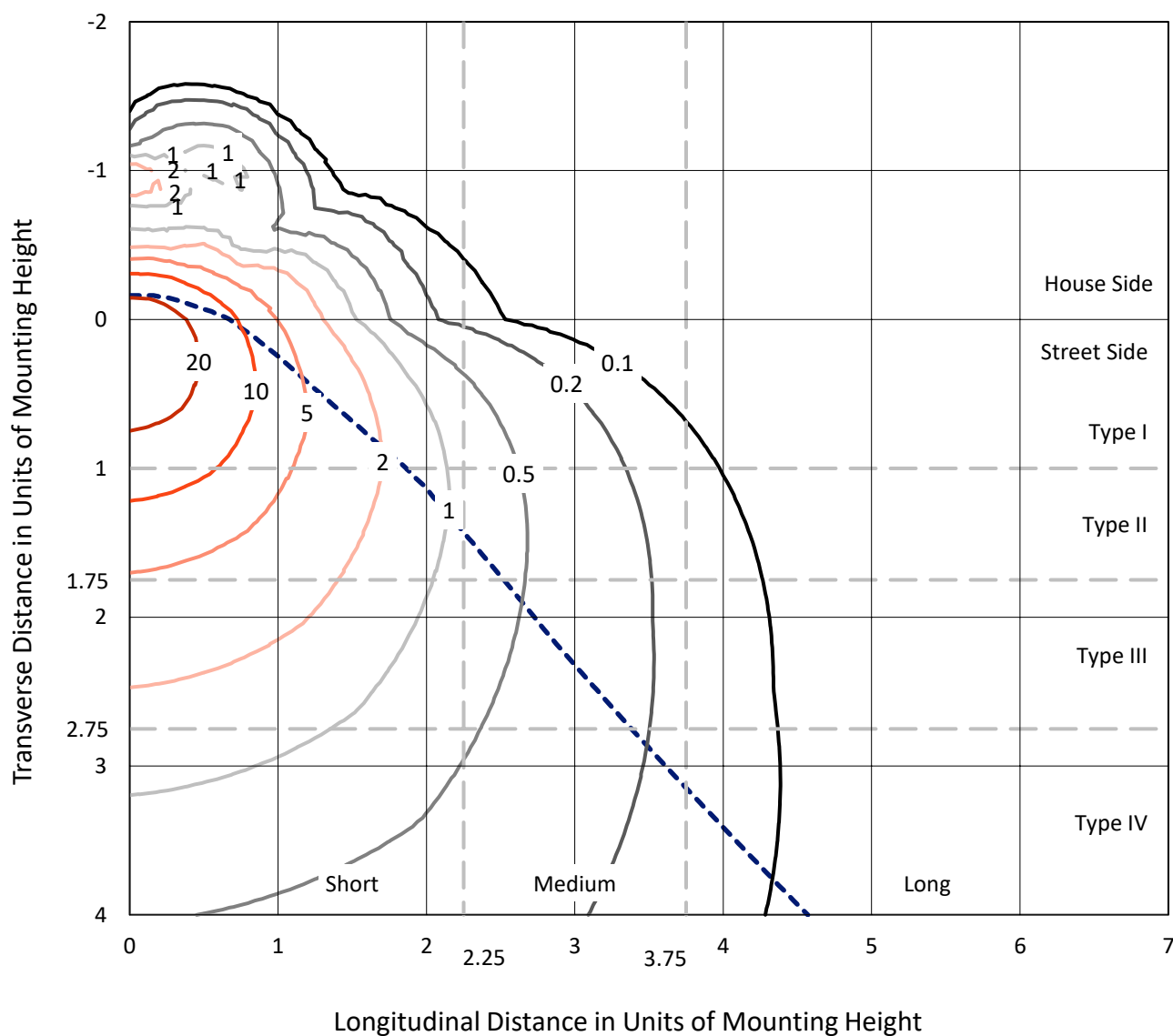
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

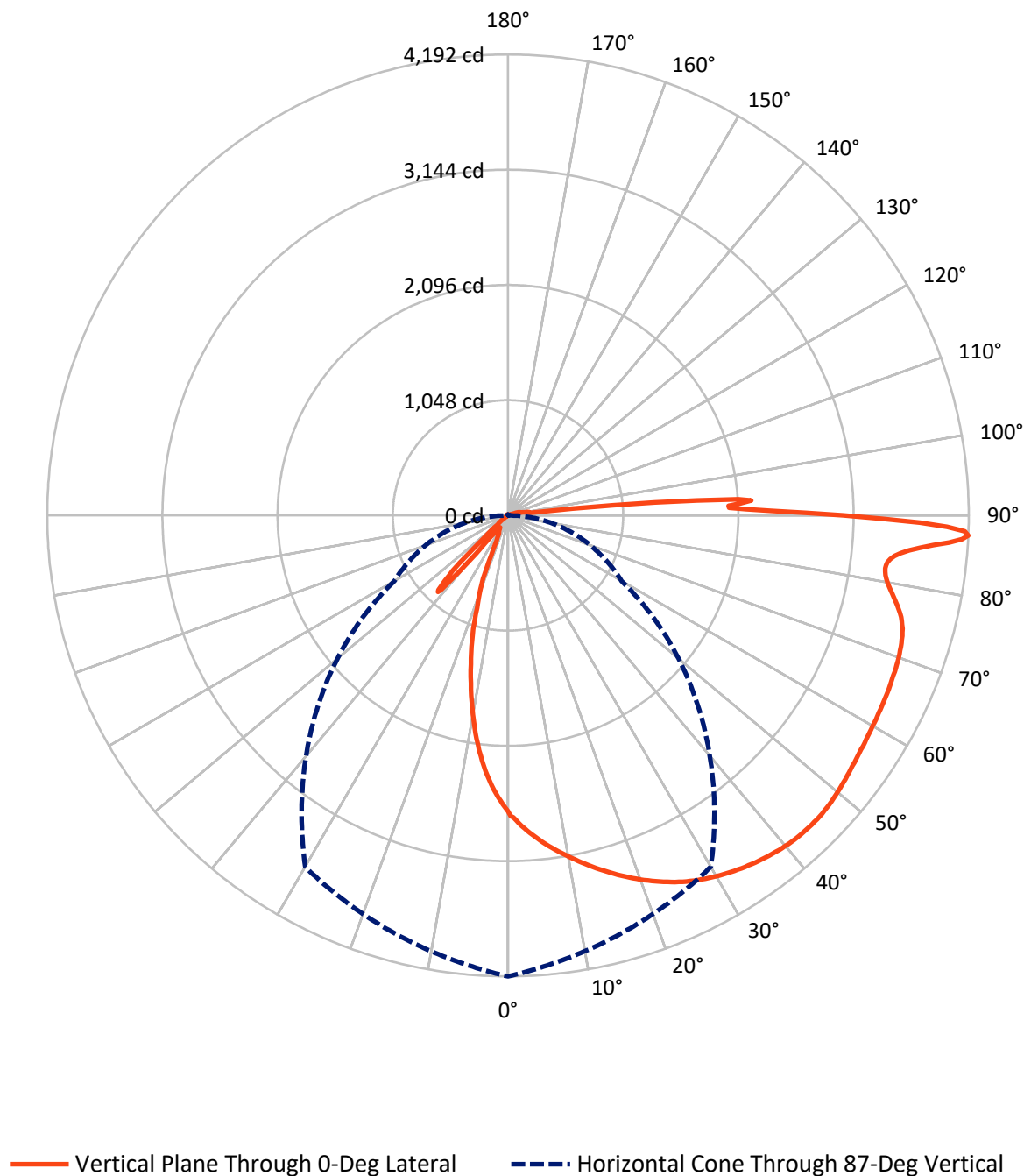


Based on 10 foot mounting height. Maximum calculated value = 30.4 fc
Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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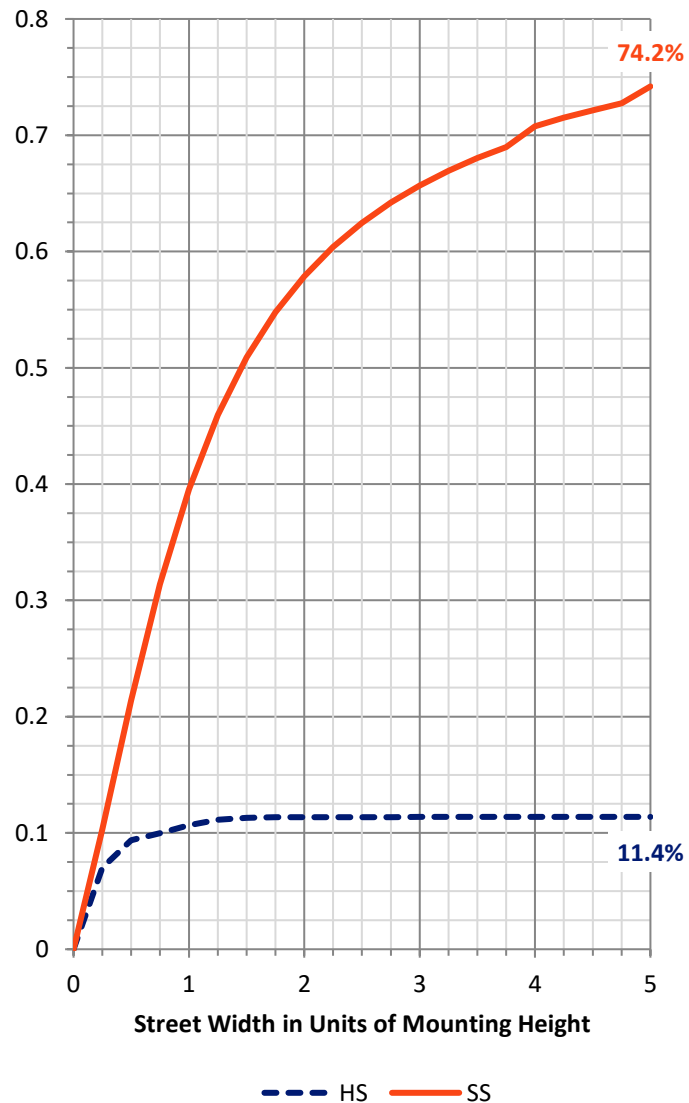
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1145.5	24.1	1169.6
	% Lamp	11.5	0.2	11.8
Street Side	Lumens	8252.5	406.6	8659.1
	% Lamp	83.2	4.1	87.3
Total	Lumens	9398.0	430.7	9828.7
	% Lamp	94.7	4.3	99.0

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	255.0	2.6	2.6
10°-20°	692.2	7.0	7.0
20°-30°	974.1	9.9	9.8
30°-40°	1173.0	11.9	11.8
40°-50°	1340.1	13.6	13.5
50°-60°	1349.9	13.7	13.6
60°-70°	1260.4	12.8	12.7
70°-80°	1194.6	12.2	12.0
80°-90°	1158.7	11.8	11.7
90°-100°	378.8	3.9	3.8
100°-110°	28.2	0.3	0.3
110°-120°	5.3	0.1	0.1
120°-130°	4.4	0.0	0.0
130°-140°	4.2	0.0	0.0
140°-150°	3.8	0.0	0.0
150°-160°	3.1	0.0	0.0
160°-170°	2.0	0.0	0.0
170°-180°	0.7	0.0	0.0
0°-90°	9398.0	95.6	94.7
0°-180°	9828.7	100.0	99.0

Coefficient of Utilization



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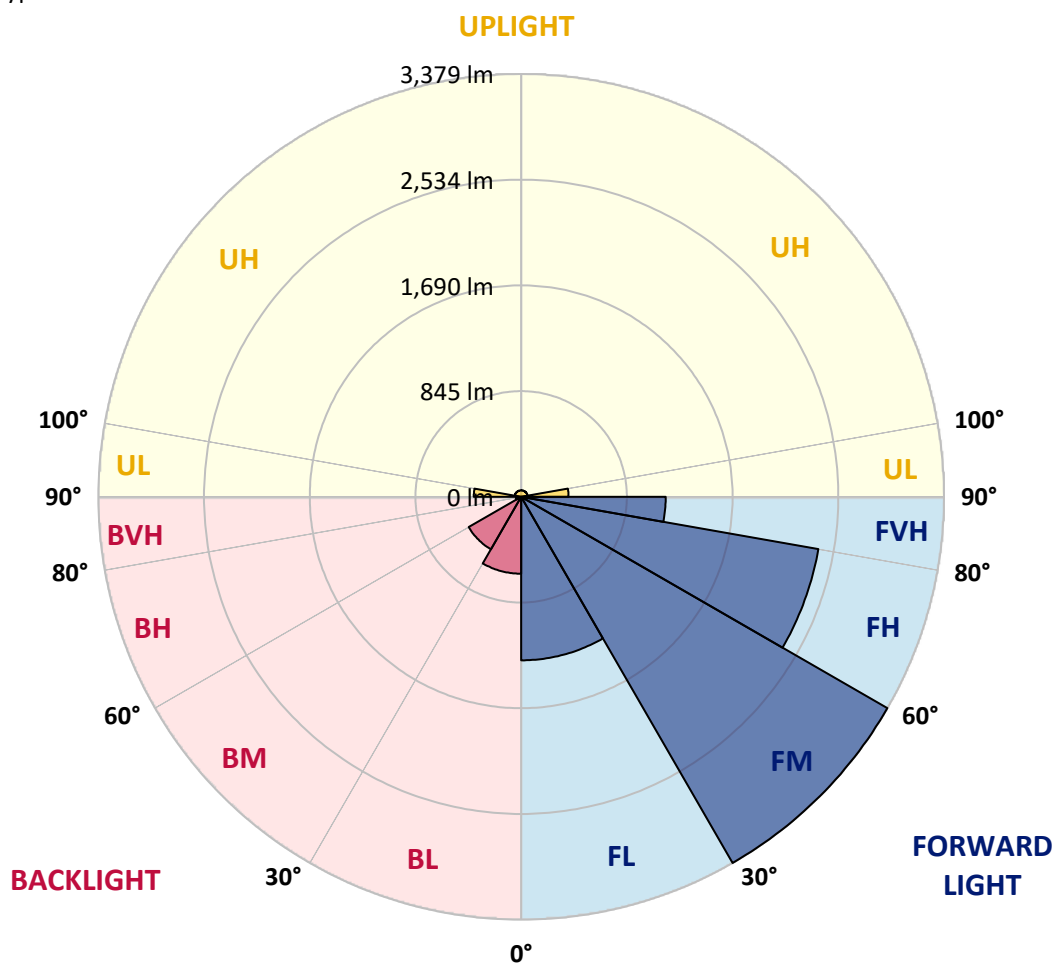
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1306.7	13.2			
FM	(30°-60°)	3379.3	34.1			
FH	(60°-80°)	2411.7	24.3			G2/5000
FVH	(80°-90°)	1154.8	11.6			G5
BL	(0°-30°)	614.6	6.2	B2/1000		
BM	(30°-60°)	483.7	4.9	B1/1000		
BH	(60°-80°)	43.3	0.4	B0/110		G0/110
BVH	(80°-90°)	3.9	0.0			G0/10
UL	(90°-100°)	378.8	3.8		U3/500	
UH	(100°-180°)	51.9	0.5		U3/500	
Trapped Light		94.3	1.0			

BUG Rating: B2-U3-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°
0°	2737.0	2737.0	2737.0	2737.0	2737.0	2737.0	2737.0
0.5°	2746.9	2763.7	2760.1	2749.9	2728.7	2699.4	2689.4
1°	2773.6	2786.3	2772.8	2749.8	2715.0	2673.8	2660.1
1.5°	2799.1	2809.1	2784.7	2748.6	2699.9	2647.9	2629.4
2°	2825.0	2830.7	2797.9	2748.4	2684.8	2620.5	2596.6
2.5°	2849.8	2851.6	2810.0	2746.3	2669.0	2591.4	2563.7
3°	2873.6	2871.7	2820.7	2743.3	2652.1	2561.9	2528.8
3.5°	2897.0	2891.5	2831.8	2741.5	2634.5	2531.3	2493.5
4°	2919.5	2910.7	2842.5	2738.9	2617.3	2499.0	2455.7
4.5°	2941.7	2929.3	2851.2	2735.3	2598.7	2467.3	2416.0
5°	2964.6	2947.9	2860.5	2732.3	2579.1	2433.4	2376.9
5.5°	2985.9	2965.8	2869.6	2728.6	2560.2	2396.4	2334.1
6°	3007.0	2983.6	2877.6	2724.1	2539.8	2361.3	2290.6
6.5°	3028.0	3000.3	2886.1	2719.7	2518.8	2324.0	2246.4
7°	3048.8	3017.5	2894.1	2714.5	2497.7	2284.6	2200.6
7.5°	3068.9	3033.7	2900.5	2709.2	2476.2	2244.2	2151.7
8°	3089.3	3050.3	2907.6	2704.0	2452.9	2203.9	2102.4
8.5°	3109.0	3066.6	2914.5	2697.9	2429.9	2160.8	2052.2
9°	3128.7	3082.2	2920.5	2691.7	2406.7	2116.6	2001.7
9.5°	3149.7	3097.3	2926.0	2685.2	2382.2	2072.3	1948.9
10°	3168.9	3113.5	2931.8	2677.9	2355.2	2026.6	1895.1
10.5°	3188.4	3129.4	2936.6	2671.3	2330.5	1979.5	1840.0
11°	3208.3	3144.2	2941.6	2663.8	2302.6	1932.8	1783.8
11.5°	3227.4	3158.2	2946.5	2655.7	2275.7	1885.0	1730.0
12°	3247.1	3173.0	2951.3	2648.1	2248.3	1836.0	1675.1
12.5°	3265.8	3188.7	2955.0	2639.4	2219.4	1785.8	1617.1
13°	3285.3	3202.5	2959.3	2630.6	2189.3	1735.7	1561.6
13.5°	3305.0	3216.7	2962.4	2622.2	2161.2	1683.6	1507.3
14°	3323.9	3231.5	2965.7	2612.4	2129.0	1633.8	1450.9
14.5°	3343.1	3244.9	2969.2	2602.5	2096.2	1581.6	1395.5
15°	3361.6	3259.4	2971.6	2593.2	2065.7	1532.3	1343.1
15.5°	3380.2	3272.8	2974.1	2582.2	2032.2	1480.4	1289.8
16°	3399.2	3287.1	2976.6	2572.1	1997.3	1429.6	1238.3
16.5°	3417.5	3300.6	2979.0	2562.2	1964.5	1380.6	1185.9
17°	3435.4	3314.1	2981.0	2549.8	1930.2	1331.8	1136.5
17.5°	3453.9	3327.7	2982.8	2537.6	1894.1	1282.2	1080.4
18°	3471.6	3340.9	2984.8	2527.2	1858.7	1235.8	1013.2
18.5°	3489.5	3353.3	2986.1	2514.7	1822.7	1187.5	947.1
19°	3507.1	3366.6	2987.0	2501.3	1784.3	1140.3	888.7
19.5°	3524.8	3379.1	2987.8	2490.0	1747.2	1094.7	837.0
20°	3541.3	3391.3	2988.7	2476.5	1710.4	1048.5	792.3
20.5°	3557.5	3403.9	2988.8	2463.0	1670.5	995.4	751.3
21°	3573.3	3415.8	2989.8	2449.4	1630.3	934.0	715.3
21.5°	3589.5	3427.5	2990.4	2434.7	1592.0	875.7	673.2
22°	3604.7	3439.2	2989.6	2419.7	1551.7	822.9	619.1

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
22.5°	3620.5	3450.3	2989.7	2405.3	1511.6	777.5	548.5
23°	3635.5	3460.2	2988.7	2389.7	1473.4	737.0	469.0
23.5°	3650.2	3471.8	2987.9	2374.2	1432.5	700.5	389.0
24°	3664.2	3481.7	2987.1	2358.8	1392.1	665.2	324.4
24.5°	3678.7	3491.8	2986.9	2342.2	1354.0	627.4	275.9
25°	3691.3	3501.9	2985.4	2325.9	1313.9	577.3	256.2
25.5°	3704.1	3511.2	2983.7	2308.9	1272.4	516.0	237.4
26°	3716.6	3520.9	2981.8	2291.2	1232.6	444.6	218.7
26.5°	3728.2	3530.4	2979.7	2274.7	1194.0	372.7	199.9
27°	3739.3	3538.4	2977.5	2256.8	1153.8	311.5	190.2
27.5°	3750.2	3547.1	2975.8	2237.8	1115.9	264.3	183.3
28°	3760.6	3554.8	2973.2	2219.7	1079.0	244.2	178.5
28.5°	3770.2	3562.0	2969.9	2200.7	1041.5	225.3	175.2
29°	3780.4	3569.9	2966.5	2181.0	1006.5	206.4	172.6
29.5°	3790.0	3575.8	2963.3	2161.4	971.6	187.5	170.5
30°	3799.7	3582.4	2960.3	2141.8	936.6	179.4	168.5
30.5°	3808.6	3588.4	2956.1	2120.7	901.7	173.5	166.0
31°	3817.2	3594.1	2952.3	2100.1	868.9	169.4	161.9
31.5°	3825.3	3599.4	2948.5	2079.9	836.5	167.1	156.1
32°	3833.0	3604.1	2943.9	2057.5	804.1	166.2	149.2
32.5°	3841.2	3608.4	2939.0	2036.8	774.4	166.3	143.5
33°	3848.7	3612.8	2934.2	2014.1	744.5	167.2	138.2
33.5°	3856.0	3617.1	2929.2	1991.7	710.1	167.9	133.1
34°	3862.8	3620.8	2923.3	1968.8	676.9	168.8	132.0
34.5°	3870.2	3624.4	2917.7	1944.8	643.7	169.9	132.9
35°	3876.6	3628.1	2911.8	1921.0	609.9	171.1	134.3
35.5°	3883.1	3630.8	2904.7	1897.4	573.0	172.2	136.6
36°	3889.2	3633.0	2898.4	1872.7	536.0	172.9	141.2
36.5°	3895.2	3636.2	2891.7	1848.1	499.1	172.7	150.6
37°	3901.1	3638.7	2884.4	1822.8	462.1	171.2	169.3
37.5°	3906.2	3641.1	2877.3	1796.9	424.3	165.1	190.2
38°	3911.5	3643.3	2869.9	1771.8	374.8	158.8	202.8
38.5°	3916.6	3645.3	2862.0	1745.4	328.1	152.0	212.7
39°	3921.8	3647.1	2853.8	1719.0	290.3	144.7	231.8
39.5°	3925.1	3648.2	2845.5	1693.6	259.1	138.2	271.6
40°	3929.5	3649.5	2836.7	1666.7	237.3	132.2	337.4
40.5°	3932.5	3649.2	2827.5	1640.2	222.5	127.1	451.0
41°	3935.6	3649.6	2819.3	1614.7	212.1	123.4	565.0
41.5°	3938.5	3648.9	2810.0	1587.8	204.4	122.1	679.0
42°	3940.0	3649.0	2800.1	1561.6	198.4	122.2	793.1
42.5°	3941.1	3648.3	2791.2	1535.6	193.0	123.4	907.2
43°	3942.5	3647.2	2781.2	1507.7	188.2	124.0	942.7
43.5°	3943.3	3645.8	2770.2	1479.3	183.9	125.2	927.1
44°	3943.4	3644.1	2760.4	1448.6	179.8	128.0	876.4
44.5°	3943.4	3641.6	2749.6	1417.2	176.2	135.4	825.2

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
45°	3942.6	3638.6	2738.0	1384.3	172.8	150.0	769.8
45.5°	3941.8	3634.3	2726.1	1350.2	169.7	178.9	710.9
46°	3940.0	3630.8	2714.7	1316.1	167.0	215.7	611.0
46.5°	3937.6	3627.4	2702.0	1282.3	164.1	246.6	487.9
47°	3934.8	3622.6	2689.1	1247.6	161.2	283.6	370.4
47.5°	3931.2	3617.9	2676.3	1212.8	158.8	334.0	279.8
48°	3927.9	3613.0	2662.6	1179.8	156.6	396.2	242.4
48.5°	3924.0	3608.1	2648.6	1144.8	154.1	433.6	206.4
49°	3920.0	3602.4	2634.3	1110.4	151.3	469.8	170.2
49.5°	3915.5	3596.0	2619.9	1077.2	148.8	505.9	133.6
50°	3910.8	3590.0	2604.9	1043.1	146.0	542.5	119.6
50.5°	3905.8	3583.3	2589.8	1007.7	143.2	579.1	109.0
51°	3900.9	3576.5	2573.8	973.1	139.5	554.1	99.2
51.5°	3895.8	3568.5	2557.8	938.6	136.0	522.5	89.6
52°	3890.6	3560.4	2541.7	902.0	132.6	496.2	81.2
52.5°	3885.2	3553.1	2525.7	866.7	129.1	464.5	73.6
53°	3880.2	3545.1	2509.3	832.0	125.7	434.6	66.8
53.5°	3875.3	3536.7	2493.0	796.7	122.0	407.1	60.6
54°	3870.9	3527.7	2474.8	763.4	117.3	378.3	54.7
54.5°	3866.4	3519.0	2457.1	730.5	112.9	348.5	49.2
55°	3862.1	3509.7	2438.5	698.2	108.6	317.7	43.6
55.5°	3858.0	3501.0	2419.1	668.2	104.4	284.6	38.0
56°	3854.5	3492.9	2400.4	639.1	100.4	255.7	33.0
56.5°	3851.5	3484.5	2382.2	612.4	96.3	226.9	28.3
57°	3847.8	3475.7	2363.5	587.9	92.3	198.1	23.7
57.5°	3844.3	3467.4	2345.2	564.6	88.5	169.3	19.8
58°	3840.7	3458.4	2327.1	542.7	84.0	140.5	16.1
58.5°	3837.9	3450.2	2309.5	521.4	79.3	120.0	14.2
59°	3835.5	3442.0	2290.7	497.0	75.0	100.9	12.9
59.5°	3831.9	3434.3	2273.2	468.6	70.9	80.8	11.6
60°	3829.1	3425.4	2256.0	436.9	66.4	61.7	10.4
60.5°	3827.4	3417.5	2237.7	398.7	62.8	48.6	9.3
61°	3824.4	3409.4	2219.4	360.1	59.3	37.6	8.3
61.5°	3822.2	3402.1	2201.6	324.8	55.2	20.7	7.5
62°	3820.1	3394.4	2183.3	298.9	51.9	9.5	6.6
62.5°	3817.8	3386.2	2165.4	280.4	49.4	7.2	5.9
63°	3815.3	3378.2	2147.5	269.7	47.1	6.9	5.5
63.5°	3813.4	3370.7	2128.8	259.2	45.0	6.9	5.0
64°	3812.4	3363.1	2109.4	248.7	42.9	6.8	4.6
64.5°	3810.2	3356.4	2089.5	238.2	40.8	6.7	4.3
65°	3807.5	3350.1	2068.9	232.8	38.6	6.5	4.1
65.5°	3805.3	3343.8	2047.4	227.6	36.4	6.2	4.0
66°	3802.3	3337.8	2024.3	222.7	34.4	6.0	3.9
66.5°	3799.1	3332.5	2001.2	217.6	32.3	5.8	3.9
67°	3796.8	3327.2	1976.6	212.6	30.0	5.6	3.8

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
67.5°	3794.7	3322.7	1951.9	208.0	27.1	5.4	3.8
68°	3792.5	3318.2	1927.4	203.8	24.3	5.2	3.8
68.5°	3789.4	3313.3	1902.2	199.8	22.1	5.0	3.7
69°	3786.8	3309.0	1877.5	196.3	20.4	4.8	3.7
69.5°	3783.2	3304.1	1852.1	192.9	18.9	4.5	3.7
70°	3778.7	3299.8	1826.3	189.5	17.3	4.3	3.7
70.5°	3774.7	3296.3	1800.4	186.1	15.6	4.1	3.7
71°	3770.1	3293.5	1774.0	182.4	13.8	3.9	3.7
71.5°	3764.4	3290.6	1747.5	178.7	11.8	3.7	3.8
72°	3757.9	3288.7	1719.9	174.5	9.7	3.5	3.8
72.5°	3751.5	3285.5	1691.5	170.2	7.5	3.4	3.9
73°	3743.1	3281.0	1660.4	165.8	5.6	3.2	4.0
73.5°	3734.3	3276.3	1629.1	160.7	4.3	3.1	4.1
74°	3722.1	3271.7	1596.6	154.7	3.3	3.0	4.2
74.5°	3709.0	3267.0	1565.7	147.6	2.9	3.0	4.3
75°	3694.6	3263.2	1535.9	139.8	2.8	2.9	4.3
75.5°	3676.4	3259.0	1507.4	130.9	2.7	2.8	4.4
76°	3656.9	3252.8	1479.8	121.7	2.6	2.8	4.5
76.5°	3636.2	3246.7	1450.0	112.6	2.5	2.8	4.6
77°	3613.8	3240.4	1421.9	103.9	2.5	2.8	4.7
77.5°	3591.3	3234.6	1394.8	95.4	2.5	2.8	4.7
78°	3567.9	3229.6	1366.7	87.3	2.4	2.9	4.8
78.5°	3546.2	3224.6	1340.8	79.6	2.5	2.9	4.9
79°	3525.2	3219.9	1315.8	72.0	2.5	3.0	5.0
79.5°	3507.2	3213.1	1290.9	65.2	2.5	3.1	5.2
80°	3491.2	3208.4	1266.7	58.3	2.5	3.2	5.3
80.5°	3477.8	3204.7	1244.0	52.0	2.5	3.3	5.4
81°	3469.5	3206.0	1222.0	46.4	2.5	3.4	5.6
81.5°	3466.8	3221.0	1202.3	41.4	2.5	3.5	5.7
82°	3470.2	3246.1	1184.1	37.1	2.5	3.6	5.8
82.5°	3480.0	3282.3	1167.4	33.3	2.6	3.7	5.9
83°	3501.9	3334.3	1155.3	29.9	2.6	3.8	6.0
83.5°	3536.9	3406.7	1142.5	26.7	2.6	3.9	6.1
84°	3590.7	3492.5	1132.2	23.8	2.7	4.0	6.2
84.5°	3664.4	3578.4	1125.9	21.1	2.7	4.1	6.4
85°	3756.9	3683.3	1124.6	18.7	2.8	4.2	6.5
85.5°	3880.5	3772.4	1126.1	16.5	2.8	4.3	6.6
86°	4021.8	3814.3	1136.2	14.4	2.9	4.4	6.8
86.5°	4136.2	3793.3	1159.9	12.6	2.9	4.5	6.9
87°	4192.4	3690.6	1193.5	10.8	3.0	4.6	7.0
87.5°	4160.2	3503.9	1238.2	9.2	3.1	4.7	7.1
88°	3998.5	3238.8	1280.9	7.7	3.1	4.8	7.2
88.5°	3748.3	2936.9	1320.4	6.3	3.2	5.0	7.3
89°	3399.9	2630.5	1345.3	5.0	3.3	5.1	7.4
89.5°	3050.3	2360.7	1356.5	4.1	3.4	5.2	7.5

REPORT NUMBER: P1197057

CATALOG NUMBER: AWP75S-BZ-MID-4000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
90°	2708.0	2131.1	1344.7	3.3	3.4	5.3	7.6
90.5°	2398.6	1948.4	1310.0	2.8	3.5	5.4	7.8
91°	2164.6	1875.9	1250.3	2.8	3.6	5.5	7.9
91.5°	2012.3	1919.3	1152.9	2.7	3.7	5.6	8.0
92°	2009.4	2048.5	1017.8	2.7	3.8	5.8	8.1
92.5°	2120.9	2136.2	895.5	2.6	3.9	5.9	8.2
93°	2218.1	2087.2	773.1	2.6	4.0	6.0	8.3
93.5°	2100.6	1830.2	650.7	2.5	4.1	6.1	8.4
94°	1721.1	1407.3	528.3	2.5	4.2	6.2	8.5
94.5°	1341.2	956.3	405.9	2.4	4.3	6.3	8.6
95°	962.2	558.9	286.8	2.4	4.4	6.4	8.6
95.5°	585.8	315.3	224.0	2.4	4.4	6.5	8.7
96°	228.7	270.8	180.9	2.3	4.5	6.7	8.8
96.5°	198.3	228.3	156.0	2.3	4.6	6.8	8.9
97°	191.5	186.0	146.1	2.3	4.7	6.9	9.0
97.5°	190.7	143.8	142.2	2.3	4.8	7.0	9.1
98°	193.3	141.8	134.5	2.3	4.9	7.1	9.2
98.5°	192.7	138.0	119.4	2.3	4.9	7.1	9.2
99°	188.7	131.2	107.0	2.3	5.0	7.2	9.3
99.5°	177.6	120.1	99.3	2.3	5.1	7.3	9.4
100°	162.8	109.4	93.8	2.3	5.2	7.4	9.4
100.5°	149.9	100.9	86.6	2.3	5.2	7.4	9.5
101°	143.6	92.8	69.0	2.3	5.3	7.5	9.6
101.5°	136.4	84.7	55.4	2.3	5.4	7.6	9.6
102°	126.0	77.7	44.9	2.3	5.4	7.7	9.7
102.5°	119.7	72.8	33.5	2.3	5.5	7.8	9.7
103°	117.9	69.6	28.8	2.3	5.6	7.9	9.8
103.5°	117.7	67.7	24.8	2.3	5.6	8.0	9.9
104°	116.0	66.8	21.3	2.3	5.7	8.1	10.0
104.5°	112.9	66.1	17.9	2.4	5.8	8.2	10.0
105°	109.0	65.0	14.5	2.4	5.8	8.3	10.1
105.5°	104.5	63.2	11.7	2.4	5.9	8.3	10.1
106°	99.7	61.0	9.6	2.5	6.0	8.4	10.2
106.5°	94.5	58.0	8.3	2.5	6.0	8.5	10.2
107°	88.8	54.2	7.5	2.5	6.1	8.5	10.2
107.5°	81.4	49.3	6.7	2.6	6.1	8.6	10.2
108°	71.2	42.7	5.9	2.6	6.2	8.6	10.3
108.5°	57.7	34.9	5.2	2.6	6.2	8.7	10.3
109°	45.8	27.7	4.5	2.7	6.3	8.8	10.3
109.5°	36.2	19.7	4.0	2.7	6.3	8.8	10.3
110°	29.6	12.9	3.6	2.7	6.4	8.8	10.3
110.5°	25.9	8.3	3.1	2.8	6.4	8.9	10.4
111°	23.0	6.3	2.8	2.8	6.5	9.0	10.4
111.5°	19.4	4.9	2.5	2.9	6.5	9.0	10.4
112°	16.2	3.5	2.2	2.9	6.6	9.1	10.4

REPORT NUMBER: P1197057

CATALOG NUMBER: AWP75S-BZ-MID-4000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
112.5°	13.3	2.5	1.9	3.0	6.6	9.1	10.4
113°	9.3	1.9	1.8	3.0	6.7	9.2	10.5
113.5°	5.0	1.4	1.6	3.1	6.7	9.2	10.5
114°	3.0	1.2	1.5	3.1	6.8	9.2	10.5
114.5°	2.5	1.0	1.4	3.1	6.8	9.3	10.5
115°	2.1	0.9	1.3	3.2	6.9	9.3	10.6
115.5°	1.6	0.9	1.2	3.2	6.9	9.4	10.6
116°	1.0	0.8	1.2	3.3	7.0	9.4	10.6
116.5°	1.0	0.8	1.2	3.4	7.0	9.5	10.6
117°	1.0	0.7	1.2	3.4	7.0	9.5	10.6
117.5°	0.9	0.7	1.1	3.4	7.1	9.6	10.6
118°	0.9	0.7	1.1	3.5	7.1	9.6	10.7
118.5°	0.8	0.7	1.1	3.5	7.2	9.6	10.7
119°	0.8	0.6	1.1	3.6	7.2	9.7	10.7
119.5°	0.8	0.6	1.1	3.6	7.3	9.7	10.7
120°	0.8	0.6	1.2	3.7	7.3	9.8	10.7
120.5°	0.8	0.6	1.2	3.7	7.3	9.8	10.8
121°	0.7	0.6	1.2	3.8	7.4	9.8	10.8
121.5°	0.7	0.6	1.2	3.8	7.4	9.8	10.8
122°	0.6	0.6	1.3	3.9	7.5	9.9	10.8
122.5°	0.6	0.5	1.3	3.9	7.5	9.9	10.9
123°	0.5	0.5	1.4	4.0	7.5	10.0	10.9
123.5°	0.5	0.5	1.4	4.1	7.6	10.0	10.9
124°	0.5	0.5	1.4	4.1	7.6	10.0	10.9
124.5°	0.5	0.5	1.5	4.2	7.6	10.0	10.9
125°	0.5	0.5	1.5	4.2	7.7	10.0	10.9
125.5°	0.5	0.5	1.6	4.3	7.7	10.1	10.9
126°	0.5	0.5	1.6	4.3	7.7	10.1	10.9
126.5°	0.5	0.5	1.7	4.4	7.7	10.1	10.9
127°	0.5	0.5	1.7	4.4	7.8	10.1	10.9
127.5°	0.5	0.5	1.8	4.5	7.8	10.1	10.9
128°	0.5	0.5	1.8	4.5	7.8	10.1	10.9
128.5°	0.4	0.5	1.9	4.6	7.8	10.1	10.9
129°	0.4	0.5	2.0	4.6	7.9	10.1	10.9
129.5°	0.4	0.5	2.0	4.7	7.9	10.1	10.9
130°	0.4	0.5	2.1	4.7	7.9	10.1	10.9
130.5°	0.5	0.6	2.1	4.8	7.9	10.1	10.9
131°	0.5	0.6	2.2	4.8	8.0	10.1	10.9
131.5°	0.5	0.6	2.2	4.9	8.0	10.1	10.9
132°	0.5	0.7	2.3	4.9	8.0	10.1	10.9
132.5°	0.5	0.7	2.3	5.0	8.1	10.1	10.9
133°	0.6	0.7	2.4	5.0	8.1	10.1	10.9
133.5°	0.6	0.8	2.5	5.1	8.1	10.1	10.9
134°	0.6	0.8	2.5	5.1	8.1	10.1	10.9
134.5°	0.6	0.8	2.6	5.2	8.2	10.1	10.9

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CATALOG NUMBER: AWP75S-BZ-MID-4000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
135°	0.7	0.9	2.6	5.2	8.2	10.2	10.9
135.5°	0.7	0.9	2.7	5.3	8.2	10.2	10.9
136°	0.7	0.9	2.8	5.3	8.2	10.2	10.9
136.5°	0.7	1.0	2.8	5.4	8.3	10.2	10.9
137°	0.8	1.0	2.9	5.4	8.3	10.2	10.9
137.5°	0.8	1.1	2.9	5.4	8.3	10.2	10.9
138°	0.8	1.1	3.0	5.5	8.3	10.2	10.9
138.5°	0.8	1.2	3.0	5.6	8.4	10.2	10.9
139°	0.9	1.2	3.1	5.6	8.4	10.2	10.9
139.5°	0.9	1.3	3.2	5.6	8.4	10.2	10.9
140°	0.9	1.3	3.2	5.7	8.4	10.2	10.8
140.5°	0.9	1.4	3.3	5.7	8.5	10.2	10.8
141°	1.0	1.4	3.3	5.8	8.5	10.2	10.8
141.5°	1.0	1.5	3.4	5.9	8.5	10.2	10.7
142°	1.0	1.5	3.4	5.9	8.5	10.2	10.7
142.5°	1.0	1.6	3.5	5.9	8.5	10.2	10.7
143°	1.1	1.7	3.6	6.0	8.6	10.2	10.6
143.5°	1.1	1.7	3.6	6.0	8.6	10.2	10.6
144°	1.1	1.7	3.7	6.1	8.6	10.2	10.6
144.5°	1.2	1.8	3.8	6.1	8.6	10.2	10.5
145°	1.2	1.9	3.8	6.1	8.6	10.2	10.5
145.5°	1.2	1.9	3.9	6.2	8.7	10.1	10.4
146°	1.3	2.0	3.9	6.2	8.7	10.1	10.4
146.5°	1.3	2.1	4.0	6.3	8.7	10.1	10.4
147°	1.4	2.1	4.1	6.3	8.7	10.1	10.3
147.5°	1.4	2.2	4.1	6.4	8.7	10.1	10.3
148°	1.5	2.2	4.2	6.4	8.7	10.1	10.2
148.5°	1.5	2.3	4.2	6.4	8.7	10.1	10.2
149°	1.5	2.3	4.3	6.5	8.8	10.1	10.2
149.5°	1.6	2.4	4.4	6.5	8.8	10.1	10.2
150°	1.7	2.5	4.4	6.6	8.8	10.1	10.1
150.5°	1.7	2.6	4.5	6.6	8.8	10.1	10.1
151°	1.8	2.6	4.6	6.6	8.8	10.1	10.0
151.5°	1.8	2.7	4.6	6.7	8.9	10.1	10.0
152°	1.9	2.8	4.7	6.7	8.9	10.1	10.0
152.5°	2.0	2.8	4.7	6.8	8.9	10.1	9.9
153°	2.0	2.9	4.8	6.8	8.9	10.1	9.9
153.5°	2.1	3.0	4.9	6.9	8.9	10.1	9.8
154°	2.2	3.1	4.9	6.9	8.9	10.1	9.8
154.5°	2.2	3.1	5.0	7.0	8.9	10.1	9.7
155°	2.3	3.2	5.1	7.0	8.9	10.1	9.7
155.5°	2.4	3.3	5.1	7.0	8.9	10.1	9.7
156°	2.5	3.4	5.2	7.1	8.9	10.0	9.6
156.5°	2.5	3.5	5.2	7.1	8.9	10.0	9.6
157°	2.6	3.5	5.3	7.1	8.9	10.0	9.5

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CATALOG NUMBER: AWP75S-BZ-MID-4000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
157.5°	2.7	3.6	5.4	7.2	8.9	9.9	9.5
158°	2.7	3.7	5.4	7.2	8.9	9.9	9.5
158.5°	2.8	3.8	5.5	7.2	8.9	9.9	9.4
159°	2.8	3.9	5.5	7.3	8.9	9.9	9.4
159.5°	2.9	3.9	5.6	7.3	8.9	9.9	9.3
160°	3.0	4.0	5.7	7.4	8.9	9.8	9.3
160.5°	3.0	4.1	5.7	7.4	8.9	9.8	9.2
161°	3.1	4.2	5.8	7.4	8.9	9.8	9.2
161.5°	3.2	4.2	5.8	7.4	8.9	9.7	9.1
162°	3.2	4.3	5.9	7.5	8.9	9.7	9.0
162.5°	3.3	4.4	5.9	7.5	8.9	9.7	9.0
163°	3.4	4.4	6.0	7.5	8.9	9.6	8.9
163.5°	3.4	4.5	6.0	7.6	8.9	9.6	8.8
164°	3.5	4.6	6.1	7.6	8.9	9.6	8.7
164.5°	3.6	4.6	6.2	7.7	8.9	9.6	8.7
165°	3.6	4.7	6.2	7.7	8.9	9.5	8.6
165.5°	3.7	4.8	6.3	7.7	8.9	9.5	8.6
166°	3.8	4.9	6.3	7.7	8.9	9.5	8.5
166.5°	3.8	4.9	6.4	7.8	8.9	9.4	8.5
167°	3.9	5.0	6.5	7.8	8.9	9.4	8.4
167.5°	4.0	5.0	6.5	7.8	8.9	9.4	8.3
168°	4.0	5.1	6.6	7.9	8.9	9.3	8.3
168.5°	4.1	5.2	6.6	7.9	8.9	9.3	8.2
169°	4.2	5.3	6.7	8.0	8.9	9.3	8.1
169.5°	4.3	5.3	6.7	8.0	8.9	9.2	8.0
170°	4.3	5.4	6.8	8.0	8.9	9.2	8.0
170.5°	4.4	5.5	6.9	8.0	8.8	9.1	7.9
171°	4.5	5.5	6.9	8.0	8.8	9.1	7.8
171.5°	4.6	5.6	7.0	8.0	8.8	9.0	7.7
172°	4.6	5.7	7.0	8.1	8.8	8.9	7.6
172.5°	4.7	5.7	7.1	8.1	8.8	8.9	7.5
173°	4.8	5.8	7.1	8.1	8.7	8.8	7.4
173.5°	4.9	5.9	7.2	8.1	8.7	8.8	7.3
174°	5.0	6.0	7.2	8.1	8.7	8.7	7.2
174.5°	5.0	6.0	7.3	8.1	8.6	8.7	7.1
175°	5.1	6.1	7.3	8.1	8.6	8.6	7.0
175.5°	5.2	6.2	7.4	8.1	8.6	8.6	6.9
176°	5.3	6.3	7.4	8.2	8.6	8.5	6.8
176.5°	5.4	6.3	7.5	8.2	8.5	8.5	6.8
177°	5.5	6.4	7.5	8.2	8.5	8.4	6.6
177.5°	5.6	6.5	7.6	8.2	8.5	8.3	6.5
178°	5.7	6.6	7.6	8.2	8.5	8.3	6.4
178.5°	5.8	6.7	7.7	8.2	8.4	8.2	6.4
179°	5.9	6.8	7.7	8.2	8.4	8.2	6.3
179.5°	6.0	6.9	7.8	8.2	8.4	8.1	6.2



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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
180°	6.0	6.0	6.0	6.0	6.0	6.0	6.0

(END OF REPORT)