

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: P1197198

Luminaire Tested: AWPS75S-BZ-MID-3000K-POSITION 30

Issue Date: 10/29/2025

Test Information

Test Method: LM-79-2019
Report Number: P1197198
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-MID-3000K-POSITION 30
Description: AWP Architectural
Light Source: 80 CRI, 3000K
Ballast/Driver: -

Summary

Lumens per Lamp: 9923 (1 lamp)
Luminaire Lumens: 9237.6 lumens
Efficiency: 93.1%
Efficacy: 137.7 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): 67.1
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

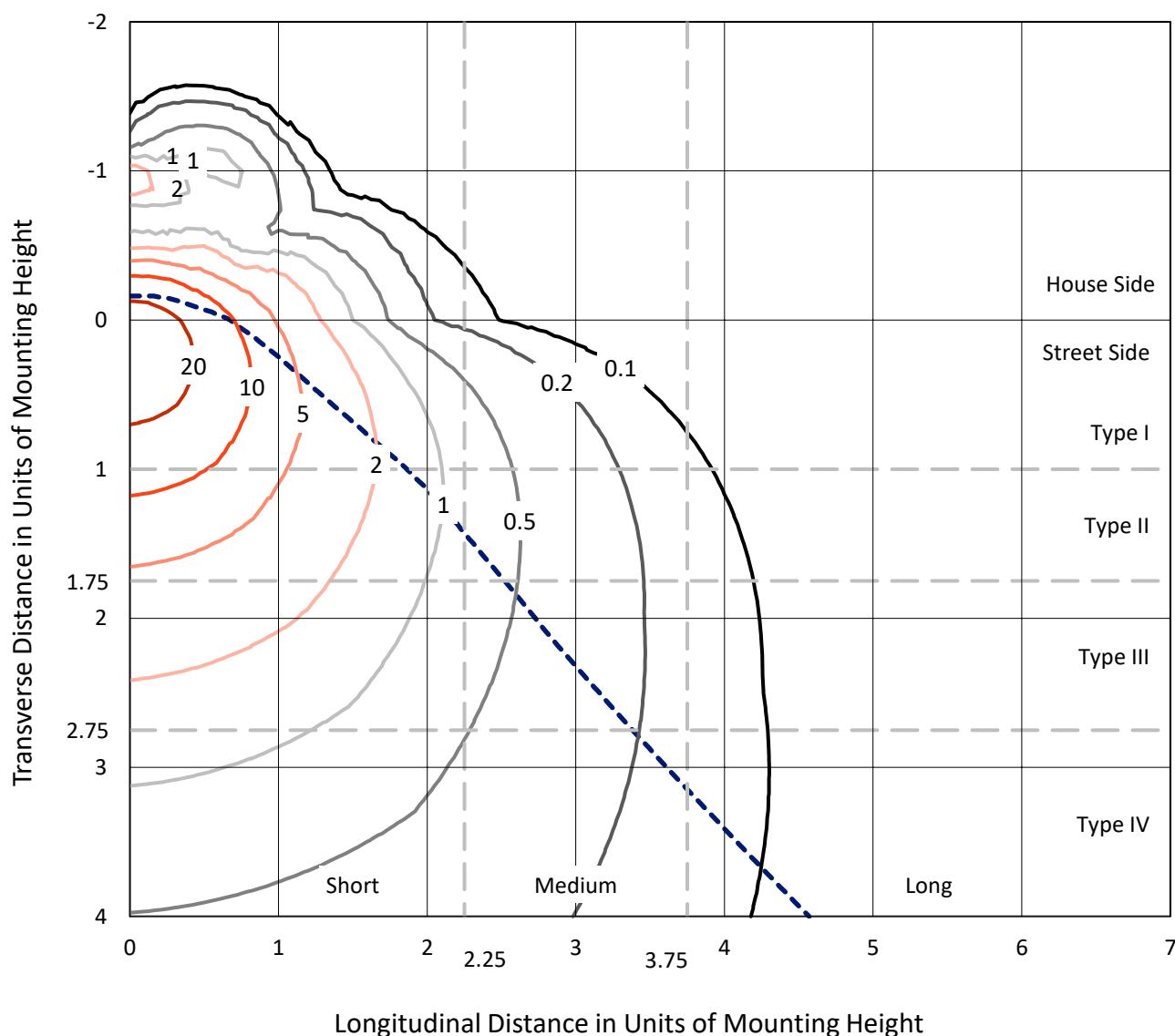
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

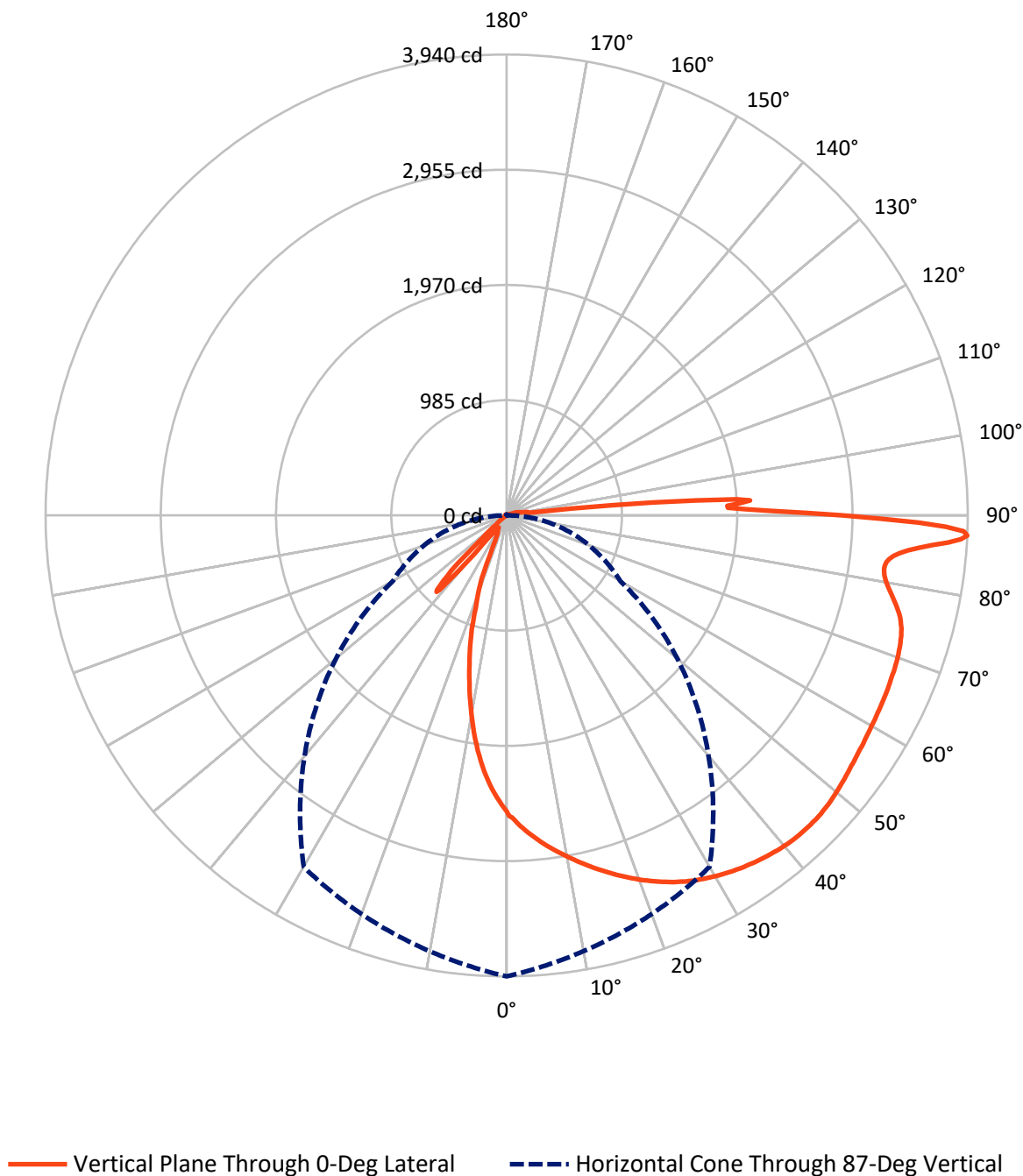


Based on 10 foot mounting height. Maximum calculated value = 28.5 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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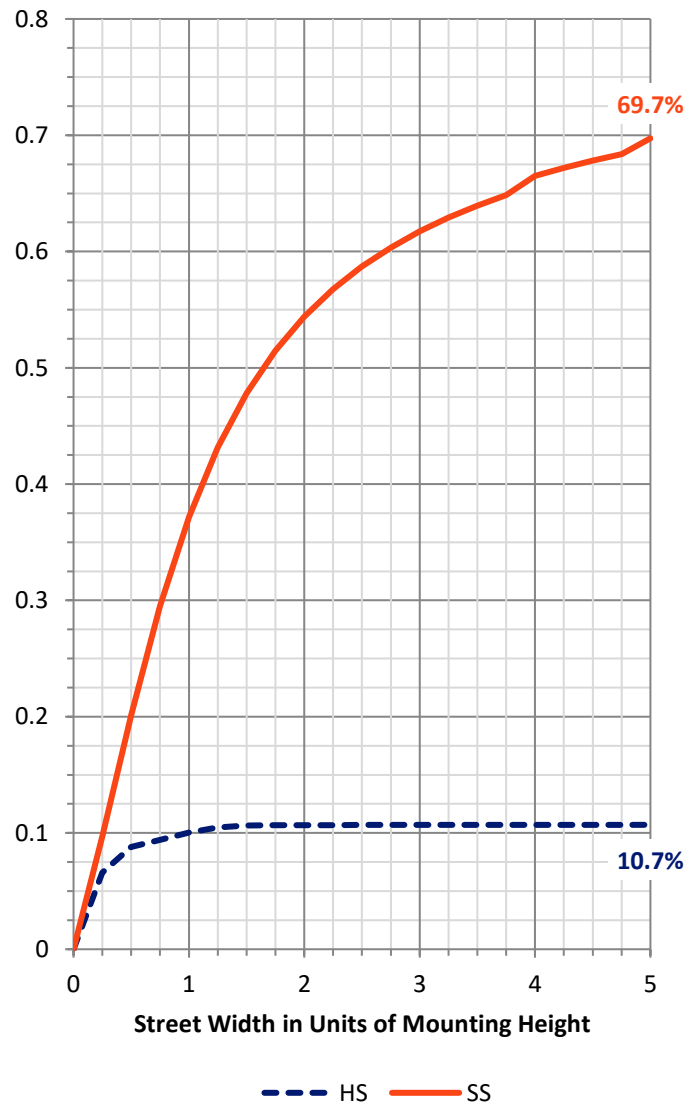
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1076.6	22.7	1099.3
	% Lamp	10.8	0.2	11.1
Street Side	Lumens	7756.2	382.1	8138.3
	% Lamp	78.2	3.9	82.0
Total	Lumens	8832.8	404.8	9237.6
	% Lamp	89.0	4.1	93.1

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	239.6	2.6	2.4
10°-20°	650.6	7.0	6.6
20°-30°	915.5	9.9	9.2
30°-40°	1102.5	11.9	11.1
40°-50°	1259.5	13.6	12.7
50°-60°	1268.8	13.7	12.8
60°-70°	1184.6	12.8	11.9
70°-80°	1122.8	12.2	11.3
80°-90°	1089.0	11.8	11.0
90°-100°	356.1	3.9	3.6
100°-110°	26.5	0.3	0.3
110°-120°	5.0	0.1	0.1
120°-130°	4.2	0.0	0.0
130°-140°	4.0	0.0	0.0
140°-150°	3.6	0.0	0.0
150°-160°	2.9	0.0	0.0
160°-170°	1.9	0.0	0.0
170°-180°	0.7	0.0	0.0
0°-90°	8832.8	95.6	89.0
0°-180°	9237.6	100.0	93.1

Coefficient of Utilization



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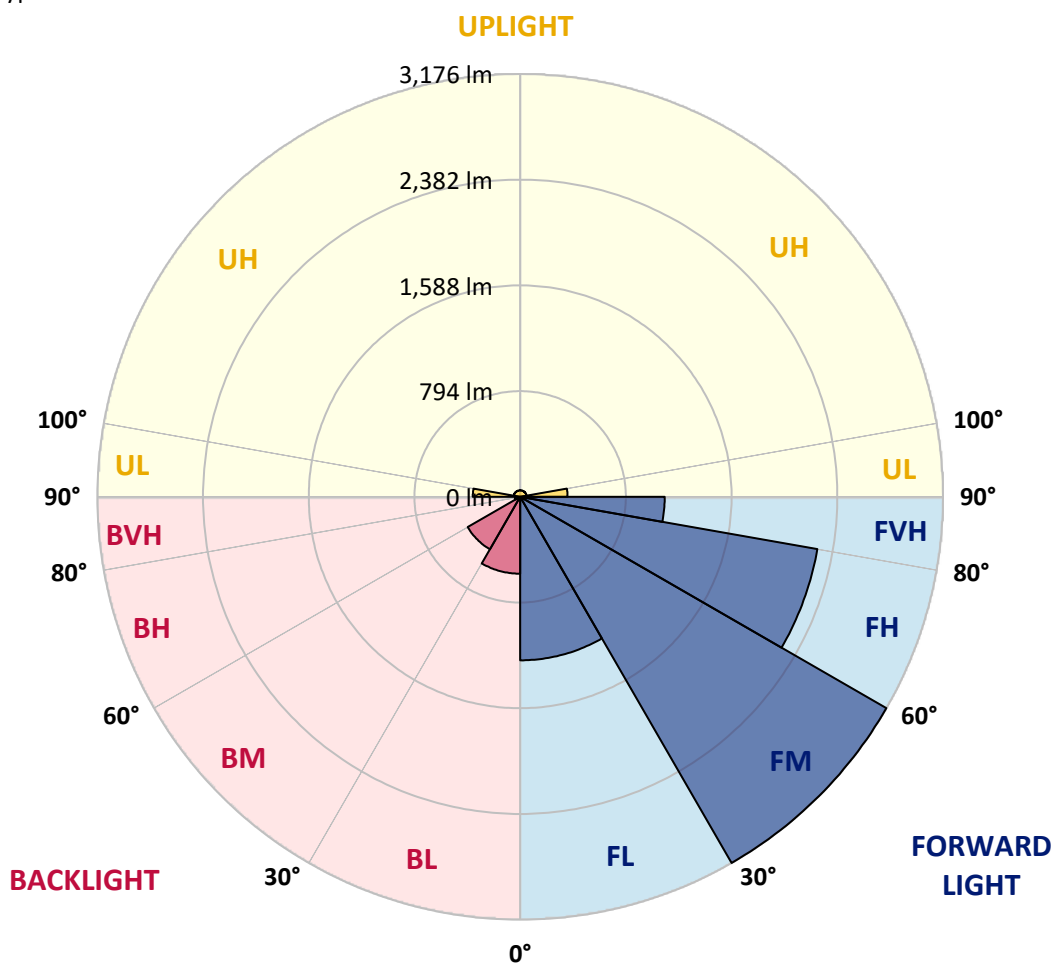
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1228.1	12.4			
FM	(30°-60°)	3176.1	32.0			
FH	(60°-80°)	2266.7	22.8			G2/5000
FVH	(80°-90°)	1085.3	10.9			G5
BL	(0°-30°)	577.6	5.8	B2/1000		
BM	(30°-60°)	454.6	4.6	B1/1000		
BH	(60°-80°)	40.7	0.4	B0/110		G0/110
BVH	(80°-90°)	3.7	0.0			G0/10
UL	(90°-100°)	356.1	3.6		U3/500	
UH	(100°-180°)	48.7	0.5		U2/50	
Trapped Light		685.4	6.9			

BUG Rating: B2-U3-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°
0°	2572.4	2572.4	2572.4	2572.4	2572.4	2572.4	2572.4
0.5°	2581.7	2597.5	2594.2	2584.5	2564.6	2537.1	2527.7
1°	2606.8	2618.7	2606.1	2584.4	2551.8	2513.0	2500.1
1.5°	2630.7	2640.2	2617.3	2583.3	2537.5	2488.7	2471.2
2°	2655.1	2660.5	2629.6	2583.2	2523.3	2462.9	2440.4
2.5°	2678.4	2680.1	2641.0	2581.2	2508.5	2435.6	2409.6
3°	2700.8	2699.0	2651.0	2578.4	2492.6	2407.9	2376.8
3.5°	2722.7	2717.6	2661.5	2576.6	2476.1	2379.1	2343.5
4°	2743.9	2735.7	2671.6	2574.2	2459.9	2348.7	2308.1
4.5°	2764.8	2753.2	2679.7	2570.8	2442.4	2318.9	2270.7
5°	2786.3	2770.7	2688.5	2568.0	2424.0	2287.1	2234.0
5.5°	2806.4	2787.4	2697.0	2564.5	2406.3	2252.3	2193.7
6°	2826.2	2804.1	2704.6	2560.3	2387.0	2219.3	2152.8
6.5°	2845.9	2819.9	2712.6	2556.1	2367.4	2184.3	2111.3
7°	2865.5	2836.0	2720.1	2551.3	2347.5	2147.2	2068.2
7.5°	2884.3	2851.3	2726.1	2546.3	2327.3	2109.2	2022.3
8°	2903.5	2866.8	2732.7	2541.4	2305.4	2071.3	1975.9
8.5°	2922.1	2882.2	2739.2	2535.7	2283.8	2030.8	1928.8
9°	2940.5	2896.8	2744.9	2529.9	2261.9	1989.3	1881.3
9.5°	2960.3	2911.0	2750.1	2523.7	2238.9	1947.7	1831.7
10°	2978.4	2926.3	2755.5	2516.9	2213.6	1904.7	1781.2
10.5°	2996.7	2941.2	2760.0	2510.6	2190.3	1860.5	1729.3
11°	3015.4	2955.1	2764.7	2503.6	2164.2	1816.6	1676.6
11.5°	3033.3	2968.2	2769.3	2496.0	2138.9	1771.6	1625.9
12°	3051.9	2982.2	2773.8	2488.9	2113.1	1725.6	1574.3
12.5°	3069.4	2997.0	2777.3	2480.7	2086.0	1678.4	1519.8
13°	3087.7	3009.9	2781.3	2472.4	2057.7	1631.3	1467.7
13.5°	3106.3	3023.3	2784.3	2464.6	2031.2	1582.4	1416.7
14°	3124.0	3037.2	2787.4	2455.3	2001.0	1535.6	1363.6
14.5°	3142.1	3049.8	2790.6	2446.0	1970.2	1486.5	1311.6
15°	3159.5	3063.4	2792.9	2437.2	1941.5	1440.2	1262.3
15.5°	3176.9	3076.0	2795.2	2426.9	1910.0	1391.3	1212.3
16°	3194.8	3089.4	2797.6	2417.4	1877.2	1343.6	1163.8
16.5°	3212.0	3102.1	2799.8	2408.1	1846.4	1297.6	1114.6
17°	3228.8	3114.8	2801.8	2396.5	1814.1	1251.7	1068.1
17.5°	3246.2	3127.6	2803.4	2385.0	1780.2	1205.1	1015.4
18°	3262.8	3139.9	2805.3	2375.2	1746.9	1161.5	952.3
18.5°	3279.7	3151.6	2806.5	2363.5	1713.1	1116.0	890.1
19°	3296.2	3164.2	2807.4	2350.9	1677.0	1071.8	835.3
19.5°	3312.9	3175.9	2808.1	2340.2	1642.1	1028.9	786.7
20°	3328.3	3187.3	2809.0	2327.6	1607.5	985.4	744.7
20.5°	3343.6	3199.2	2809.0	2314.9	1570.1	935.5	706.1
21°	3358.4	3210.4	2810.0	2302.1	1532.2	877.8	672.3
21.5°	3373.7	3221.4	2810.5	2288.3	1496.3	823.0	632.7
22°	3388.0	3232.3	2809.9	2274.2	1458.4	773.4	581.9

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
22.5°	3402.8	3242.8	2809.9	2260.7	1420.7	730.8	515.5
23°	3416.9	3252.1	2809.0	2246.0	1384.8	692.7	440.8
23.5°	3430.7	3263.0	2808.2	2231.4	1346.3	658.4	365.6
24°	3443.9	3272.4	2807.4	2216.9	1308.3	625.2	304.9
24.5°	3457.5	3281.8	2807.3	2201.3	1272.6	589.7	259.3
25°	3469.3	3291.4	2805.9	2186.0	1234.8	542.6	240.8
25.5°	3481.4	3300.1	2804.2	2170.0	1195.8	485.0	223.1
26°	3493.1	3309.2	2802.5	2153.5	1158.5	417.9	205.5
26.5°	3504.0	3318.1	2800.5	2137.9	1122.2	350.3	187.9
27°	3514.4	3325.6	2798.4	2121.1	1084.5	292.8	178.8
27.5°	3524.6	3333.8	2796.8	2103.2	1048.8	248.4	172.3
28°	3534.5	3341.0	2794.4	2086.2	1014.2	229.5	167.8
28.5°	3543.5	3347.7	2791.3	2068.4	978.9	211.7	164.6
29°	3553.1	3355.2	2788.1	2049.8	946.0	194.0	162.2
29.5°	3562.1	3360.8	2785.1	2031.4	913.2	176.2	160.3
30°	3571.2	3367.0	2782.3	2013.0	880.3	168.7	158.4
30.5°	3579.6	3372.6	2778.4	1993.1	847.4	163.0	156.0
31°	3587.6	3378.0	2774.8	1973.8	816.6	159.2	152.2
31.5°	3595.2	3382.9	2771.2	1954.8	786.2	157.1	146.7
32°	3602.5	3387.3	2766.9	1933.8	755.8	156.2	140.2
32.5°	3610.2	3391.4	2762.3	1914.3	727.8	156.3	134.8
33°	3617.3	3395.5	2757.8	1892.9	699.8	157.1	129.9
33.5°	3624.1	3399.6	2753.1	1871.9	667.4	157.8	125.1
34°	3630.5	3403.1	2747.5	1850.4	636.2	158.7	124.1
34.5°	3637.4	3406.5	2742.2	1827.9	605.0	159.7	124.9
35°	3643.5	3409.9	2736.7	1805.5	573.2	160.8	126.2
35.5°	3649.6	3412.4	2730.0	1783.3	538.5	161.8	128.4
36°	3655.3	3414.5	2724.1	1760.1	503.8	162.5	132.7
36.5°	3661.0	3417.5	2717.8	1737.0	469.1	162.3	141.6
37°	3666.5	3419.9	2710.9	1713.2	434.3	160.9	159.1
37.5°	3671.3	3422.1	2704.3	1688.8	398.8	155.2	178.8
38°	3676.3	3424.2	2697.3	1665.2	352.2	149.2	190.6
38.5°	3681.1	3426.1	2689.9	1640.4	308.4	142.9	199.9
39°	3685.9	3427.8	2682.2	1615.6	272.9	136.0	217.9
39.5°	3689.0	3428.8	2674.4	1591.7	243.5	129.9	255.3
40°	3693.2	3430.0	2666.2	1566.5	223.0	124.2	317.1
40.5°	3696.1	3429.8	2657.5	1541.5	209.1	119.5	423.9
41°	3699.0	3430.2	2649.7	1517.6	199.4	116.0	531.0
41.5°	3701.7	3429.5	2641.0	1492.3	192.1	114.7	638.2
42°	3703.1	3429.5	2631.7	1467.6	186.4	114.9	745.4
42.5°	3704.1	3428.9	2623.3	1443.3	181.4	116.0	852.6
43°	3705.4	3427.8	2613.9	1417.0	176.9	116.6	886.0
43.5°	3706.2	3426.5	2603.6	1390.3	172.8	117.6	871.4
44°	3706.2	3425.0	2594.4	1361.5	169.0	120.3	823.7
44.5°	3706.3	3422.6	2584.2	1332.0	165.6	127.3	775.6

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
45°	3705.5	3419.8	2573.3	1301.1	162.4	141.0	723.5
45.5°	3704.8	3415.8	2562.2	1269.0	159.5	168.1	668.2
46°	3703.1	3412.4	2551.5	1237.0	156.9	202.7	574.2
46.5°	3700.8	3409.3	2539.6	1205.2	154.2	231.8	458.5
47°	3698.2	3404.8	2527.3	1172.6	151.5	266.5	348.1
47.5°	3694.8	3400.3	2515.3	1139.8	149.2	313.9	263.0
48°	3691.7	3395.7	2502.4	1108.8	147.2	372.3	227.9
48.5°	3688.0	3391.1	2489.3	1075.9	144.8	407.5	194.0
49°	3684.2	3385.7	2475.9	1043.6	142.2	441.5	159.9
49.5°	3680.0	3379.7	2462.3	1012.5	139.8	475.5	125.5
50°	3675.6	3374.1	2448.3	980.3	137.2	509.8	112.4
50.5°	3670.9	3367.8	2434.1	947.1	134.6	544.3	102.4
51°	3666.3	3361.4	2419.1	914.6	131.2	520.8	93.2
51.5°	3661.5	3353.9	2404.0	882.1	127.8	491.1	84.3
52°	3656.6	3346.3	2388.8	847.8	124.6	466.4	76.3
52.5°	3651.6	3339.5	2373.8	814.6	121.4	436.6	69.1
53°	3646.9	3331.9	2358.4	781.9	118.2	408.5	62.8
53.5°	3642.3	3324.1	2343.1	748.8	114.7	382.7	57.0
54°	3638.1	3315.5	2326.0	717.5	110.2	355.5	51.4
54.5°	3633.9	3307.4	2309.3	686.5	106.1	327.6	46.3
55°	3629.9	3298.7	2291.8	656.2	102.1	298.6	41.0
55.5°	3626.0	3290.5	2273.6	628.0	98.1	267.4	35.7
56°	3622.7	3282.8	2256.0	600.7	94.4	240.3	31.1
56.5°	3619.8	3274.9	2238.9	575.6	90.5	213.2	26.6
57°	3616.4	3266.7	2221.4	552.5	86.8	186.2	22.3
57.5°	3613.1	3258.9	2204.2	530.6	83.2	159.1	18.6
58°	3609.7	3250.4	2187.2	510.1	78.9	132.0	15.2
58.5°	3607.1	3242.7	2170.6	490.0	74.5	112.8	13.4
59°	3604.8	3235.0	2153.0	467.1	70.5	94.8	12.1
59.5°	3601.5	3227.7	2136.5	440.4	66.6	75.9	10.9
60°	3598.9	3219.4	2120.4	410.6	62.4	58.0	9.8
60.5°	3597.3	3212.0	2103.1	374.8	59.0	45.7	8.8
61°	3594.4	3204.4	2085.9	338.5	55.8	35.4	7.8
61.5°	3592.4	3197.6	2069.2	305.3	51.9	19.5	7.1
62°	3590.3	3190.3	2052.0	280.9	48.8	8.9	6.2
62.5°	3588.2	3182.5	2035.2	263.5	46.4	6.7	5.6
63°	3585.9	3175.1	2018.3	253.5	44.3	6.5	5.1
63.5°	3584.1	3168.0	2000.8	243.6	42.3	6.5	4.7
64°	3583.1	3160.9	1982.5	233.8	40.3	6.4	4.3
64.5°	3581.1	3154.6	1963.9	223.9	38.3	6.3	4.1
65°	3578.5	3148.7	1944.5	218.8	36.3	6.2	3.9
65.5°	3576.4	3142.7	1924.3	214.0	34.3	5.8	3.8
66°	3573.6	3137.1	1902.5	209.3	32.3	5.6	3.7
66.5°	3570.6	3132.1	1880.8	204.5	30.3	5.4	3.6
67°	3568.5	3127.1	1857.8	199.8	28.2	5.3	3.6

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
67.5°	3566.5	3122.9	1834.6	195.4	25.5	5.1	3.6
68°	3564.4	3118.6	1811.4	191.6	22.8	4.9	3.5
68.5°	3561.5	3114.0	1787.8	187.8	20.8	4.7	3.5
69°	3559.1	3110.1	1764.6	184.5	19.2	4.5	3.5
69.5°	3555.7	3105.4	1740.7	181.3	17.7	4.3	3.5
70°	3551.4	3101.3	1716.5	178.2	16.2	4.0	3.5
70.5°	3547.7	3098.0	1692.2	174.9	14.6	3.8	3.5
71°	3543.4	3095.4	1667.3	171.5	12.9	3.6	3.5
71.5°	3538.1	3092.7	1642.4	167.9	11.1	3.5	3.5
72°	3531.9	3090.9	1616.4	164.0	9.1	3.3	3.6
72.5°	3525.9	3087.9	1589.8	160.0	7.1	3.2	3.7
73°	3518.0	3083.7	1560.6	155.8	5.3	3.0	3.8
73.5°	3509.7	3079.3	1531.1	151.1	4.1	2.9	3.8
74°	3498.3	3074.9	1500.5	145.4	3.1	2.9	3.9
74.5°	3485.9	3070.6	1471.5	138.7	2.7	2.8	4.0
75°	3472.4	3066.9	1443.5	131.4	2.6	2.7	4.1
75.5°	3455.3	3063.0	1416.7	123.1	2.6	2.7	4.2
76°	3437.0	3057.2	1390.8	114.4	2.5	2.7	4.2
76.5°	3417.6	3051.5	1362.8	105.8	2.4	2.7	4.3
77°	3396.5	3045.5	1336.4	97.6	2.3	2.7	4.4
77.5°	3375.3	3040.1	1310.9	89.6	2.3	2.7	4.5
78°	3353.3	3035.3	1284.5	82.1	2.3	2.7	4.5
78.5°	3332.9	3030.6	1260.2	74.8	2.3	2.7	4.6
79°	3313.2	3026.3	1236.7	67.7	2.3	2.8	4.7
79.5°	3296.3	3019.9	1213.3	61.2	2.3	2.9	4.9
80°	3281.3	3015.4	1190.5	54.8	2.3	3.0	5.0
80.5°	3268.7	3012.0	1169.1	48.9	2.3	3.1	5.1
81°	3260.9	3013.2	1148.5	43.6	2.3	3.2	5.2
81.5°	3258.3	3027.3	1130.0	38.9	2.4	3.3	5.3
82°	3261.5	3050.9	1112.9	34.9	2.4	3.3	5.5
82.5°	3270.7	3084.9	1097.2	31.3	2.4	3.4	5.5
83°	3291.4	3133.8	1085.8	28.1	2.5	3.5	5.6
83.5°	3324.2	3201.8	1073.8	25.1	2.5	3.6	5.7
84°	3374.8	3282.5	1064.1	22.4	2.5	3.7	5.8
84.5°	3444.0	3363.2	1058.1	19.9	2.6	3.8	6.0
85°	3531.0	3461.8	1057.0	17.6	2.6	3.9	6.1
85.5°	3647.1	3545.6	1058.3	15.5	2.7	4.0	6.2
86°	3779.9	3584.9	1067.9	13.6	2.7	4.1	6.3
86.5°	3887.5	3565.1	1090.2	11.8	2.8	4.2	6.5
87°	3940.3	3468.7	1121.7	10.2	2.8	4.3	6.6
87.5°	3910.0	3293.2	1163.7	8.6	2.9	4.4	6.7
88°	3758.0	3044.0	1203.8	7.2	3.0	4.6	6.8
88.5°	3522.9	2760.2	1241.0	5.9	3.0	4.7	6.9
89°	3195.4	2472.3	1264.4	4.7	3.1	4.8	7.0
89.5°	2866.9	2218.7	1274.9	3.9	3.2	4.9	7.1

REPORT NUMBER: P1197198

CATALOG NUMBER: AWPS75S-BZ-MID-3000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
90°	2545.1	2003.0	1263.8	3.1	3.2	5.0	7.2
90.5°	2254.4	1831.3	1231.2	2.7	3.3	5.1	7.3
91°	2034.4	1763.1	1175.1	2.6	3.4	5.2	7.4
91.5°	1891.3	1803.9	1083.5	2.6	3.5	5.3	7.5
92°	1888.6	1925.3	956.6	2.5	3.6	5.4	7.6
92.5°	1993.3	2007.7	841.6	2.5	3.7	5.5	7.7
93°	2084.7	1961.7	726.6	2.4	3.7	5.6	7.8
93.5°	1974.2	1720.2	611.5	2.4	3.8	5.8	7.9
94°	1617.6	1322.6	496.5	2.3	3.9	5.8	8.0
94.5°	1260.6	898.8	381.4	2.3	4.0	5.9	8.0
95°	904.3	525.3	269.6	2.3	4.1	6.0	8.1
95.5°	550.5	296.4	210.5	2.2	4.2	6.2	8.2
96°	215.0	254.6	170.0	2.2	4.3	6.3	8.3
96.5°	186.4	214.6	146.7	2.2	4.3	6.4	8.4
97°	180.0	174.8	137.3	2.2	4.4	6.5	8.5
97.5°	179.2	135.2	133.6	2.1	4.5	6.6	8.5
98°	181.7	133.3	126.4	2.1	4.6	6.6	8.6
98.5°	181.1	129.7	112.2	2.1	4.6	6.7	8.7
99°	177.4	123.3	100.6	2.1	4.7	6.8	8.7
99.5°	166.9	112.9	93.3	2.1	4.8	6.9	8.8
100°	153.0	102.8	88.1	2.1	4.8	6.9	8.9
100.5°	140.9	94.9	81.4	2.1	4.9	7.0	8.9
101°	135.0	87.2	64.8	2.1	5.0	7.1	9.0
101.5°	128.2	79.6	52.1	2.1	5.0	7.2	9.0
102°	118.4	73.0	42.2	2.1	5.1	7.3	9.1
102.5°	112.5	68.4	31.5	2.1	5.2	7.3	9.2
103°	110.9	65.4	27.1	2.1	5.2	7.4	9.2
103.5°	110.6	63.6	23.3	2.2	5.3	7.5	9.3
104°	109.0	62.8	20.1	2.2	5.4	7.6	9.4
104.5°	106.1	62.1	16.8	2.2	5.4	7.7	9.4
105°	102.4	61.1	13.6	2.2	5.5	7.8	9.5
105.5°	98.2	59.4	11.0	2.3	5.5	7.8	9.5
106°	93.7	57.4	9.0	2.3	5.6	7.9	9.5
106.5°	88.8	54.6	7.8	2.3	5.6	7.9	9.6
107°	83.5	50.9	7.0	2.4	5.7	8.0	9.6
107.5°	76.5	46.3	6.3	2.4	5.8	8.1	9.6
108°	66.9	40.1	5.6	2.4	5.8	8.1	9.6
108.5°	54.2	32.8	4.9	2.5	5.8	8.2	9.7
109°	43.0	26.0	4.2	2.5	5.9	8.2	9.7
109.5°	34.0	18.5	3.8	2.6	5.9	8.3	9.7
110°	27.8	12.1	3.3	2.6	6.0	8.3	9.7
110.5°	24.3	7.8	3.0	2.6	6.0	8.4	9.8
111°	21.6	5.9	2.6	2.6	6.1	8.4	9.8
111.5°	18.2	4.6	2.3	2.7	6.1	8.5	9.8
112°	15.2	3.3	2.1	2.8	6.2	8.5	9.8

REPORT NUMBER: P1197198

CATALOG NUMBER: AWPS75S-BZ-MID-3000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
112.5°	12.5	2.4	1.8	2.8	6.2	8.6	9.8
113°	8.8	1.8	1.7	2.8	6.3	8.6	9.8
113.5°	4.7	1.3	1.5	2.9	6.3	8.7	9.9
114°	2.9	1.1	1.4	2.9	6.4	8.7	9.9
114.5°	2.3	1.0	1.3	3.0	6.4	8.7	9.9
115°	1.9	0.9	1.2	3.0	6.5	8.8	9.9
115.5°	1.5	0.8	1.2	3.0	6.5	8.8	10.0
116°	1.0	0.8	1.1	3.1	6.5	8.9	10.0
116.5°	0.9	0.7	1.1	3.2	6.6	8.9	10.0
117°	0.9	0.7	1.1	3.2	6.6	8.9	10.0
117.5°	0.9	0.7	1.1	3.2	6.7	9.0	10.0
118°	0.8	0.6	1.1	3.3	6.7	9.0	10.0
118.5°	0.8	0.6	1.1	3.3	6.8	9.1	10.1
119°	0.8	0.6	1.1	3.4	6.8	9.1	10.1
119.5°	0.7	0.6	1.1	3.4	6.8	9.2	10.1
120°	0.7	0.6	1.1	3.5	6.9	9.2	10.1
120.5°	0.7	0.6	1.1	3.5	6.9	9.2	10.1
121°	0.7	0.6	1.1	3.6	6.9	9.2	10.1
121.5°	0.6	0.5	1.2	3.6	7.0	9.3	10.2
122°	0.6	0.5	1.2	3.7	7.0	9.3	10.2
122.5°	0.6	0.5	1.2	3.7	7.0	9.3	10.2
123°	0.5	0.5	1.3	3.8	7.1	9.4	10.2
123.5°	0.5	0.5	1.3	3.8	7.1	9.4	10.2
124°	0.5	0.5	1.4	3.9	7.1	9.4	10.2
124.5°	0.5	0.5	1.4	3.9	7.2	9.4	10.2
125°	0.5	0.5	1.4	3.9	7.2	9.4	10.2
125.5°	0.4	0.5	1.5	4.0	7.2	9.5	10.2
126°	0.4	0.5	1.5	4.1	7.2	9.5	10.2
126.5°	0.4	0.5	1.6	4.1	7.3	9.5	10.3
127°	0.4	0.5	1.6	4.1	7.3	9.5	10.3
127.5°	0.4	0.5	1.7	4.2	7.3	9.5	10.3
128°	0.4	0.5	1.7	4.2	7.3	9.5	10.3
128.5°	0.4	0.5	1.8	4.3	7.4	9.5	10.3
129°	0.4	0.5	1.8	4.3	7.4	9.5	10.3
129.5°	0.4	0.5	1.9	4.4	7.4	9.5	10.3
130°	0.4	0.5	1.9	4.4	7.4	9.5	10.3
130.5°	0.4	0.5	2.0	4.5	7.5	9.5	10.2
131°	0.4	0.5	2.0	4.5	7.5	9.5	10.2
131.5°	0.5	0.6	2.1	4.6	7.5	9.5	10.2
132°	0.5	0.6	2.1	4.6	7.5	9.5	10.2
132.5°	0.5	0.6	2.2	4.7	7.6	9.5	10.2
133°	0.5	0.7	2.3	4.7	7.6	9.5	10.2
133.5°	0.5	0.7	2.3	4.8	7.6	9.5	10.2
134°	0.6	0.8	2.4	4.8	7.6	9.5	10.2
134.5°	0.6	0.8	2.4	4.9	7.7	9.5	10.2

REPORT NUMBER: P1197198

CATALOG NUMBER: AWPS75S-BZ-MID-3000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
135°	0.6	0.8	2.5	4.9	7.7	9.6	10.2
135.5°	0.6	0.8	2.5	4.9	7.7	9.5	10.2
136°	0.7	0.9	2.6	5.0	7.7	9.5	10.2
136.5°	0.7	0.9	2.7	5.0	7.8	9.6	10.2
137°	0.7	1.0	2.7	5.1	7.8	9.6	10.2
137.5°	0.7	1.0	2.7	5.1	7.8	9.6	10.2
138°	0.8	1.0	2.8	5.2	7.8	9.6	10.2
138.5°	0.8	1.1	2.8	5.2	7.9	9.6	10.2
139°	0.8	1.1	2.9	5.3	7.9	9.6	10.2
139.5°	0.8	1.2	3.0	5.3	7.9	9.6	10.2
140°	0.9	1.2	3.0	5.3	7.9	9.6	10.2
140.5°	0.9	1.3	3.1	5.4	8.0	9.6	10.2
141°	0.9	1.3	3.1	5.4	8.0	9.6	10.1
141.5°	0.9	1.4	3.2	5.5	8.0	9.6	10.1
142°	1.0	1.4	3.2	5.5	8.0	9.6	10.1
142.5°	1.0	1.5	3.3	5.6	8.0	9.6	10.0
143°	1.0	1.6	3.4	5.6	8.0	9.6	10.0
143.5°	1.0	1.6	3.4	5.6	8.1	9.6	9.9
144°	1.1	1.6	3.5	5.7	8.1	9.6	9.9
144.5°	1.1	1.7	3.5	5.7	8.1	9.5	9.9
145°	1.1	1.8	3.6	5.8	8.1	9.5	9.9
145.5°	1.2	1.8	3.6	5.8	8.1	9.5	9.8
146°	1.2	1.9	3.7	5.9	8.1	9.5	9.8
146.5°	1.2	1.9	3.8	5.9	8.2	9.5	9.7
147°	1.3	2.0	3.8	5.9	8.2	9.5	9.7
147.5°	1.3	2.0	3.9	6.0	8.2	9.5	9.7
148°	1.4	2.1	3.9	6.0	8.2	9.5	9.6
148.5°	1.4	2.1	4.0	6.1	8.2	9.5	9.6
149°	1.4	2.2	4.0	6.1	8.2	9.5	9.6
149.5°	1.5	2.3	4.1	6.1	8.2	9.5	9.5
150°	1.6	2.3	4.2	6.2	8.3	9.5	9.5
150.5°	1.6	2.4	4.2	6.2	8.3	9.5	9.5
151°	1.7	2.5	4.3	6.2	8.3	9.5	9.4
151.5°	1.7	2.5	4.3	6.3	8.3	9.5	9.4
152°	1.8	2.6	4.4	6.3	8.3	9.5	9.4
152.5°	1.8	2.6	4.5	6.4	8.4	9.5	9.3
153°	1.9	2.7	4.5	6.4	8.4	9.5	9.3
153.5°	2.0	2.8	4.6	6.4	8.4	9.5	9.2
154°	2.0	2.9	4.6	6.5	8.4	9.5	9.2
154.5°	2.1	2.9	4.7	6.6	8.4	9.5	9.2
155°	2.2	3.0	4.7	6.6	8.4	9.5	9.1
155.5°	2.2	3.1	4.8	6.6	8.4	9.4	9.1
156°	2.3	3.2	4.9	6.6	8.4	9.4	9.0
156.5°	2.4	3.2	4.9	6.7	8.4	9.4	9.0
157°	2.4	3.3	5.0	6.7	8.4	9.4	9.0

REPORT NUMBER: P1197198

CATALOG NUMBER: AWPS75S-BZ-MID-3000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
157.5°	2.5	3.4	5.0	6.7	8.4	9.3	8.9
158°	2.6	3.5	5.1	6.8	8.4	9.3	8.9
158.5°	2.6	3.5	5.1	6.8	8.4	9.3	8.9
159°	2.7	3.6	5.2	6.8	8.4	9.3	8.8
159.5°	2.7	3.7	5.3	6.9	8.4	9.3	8.8
160°	2.8	3.8	5.3	6.9	8.4	9.2	8.7
160.5°	2.8	3.8	5.4	6.9	8.4	9.2	8.7
161°	2.9	3.9	5.4	7.0	8.4	9.2	8.6
161.5°	3.0	4.0	5.5	7.0	8.4	9.1	8.6
162°	3.0	4.0	5.5	7.0	8.4	9.1	8.5
162.5°	3.1	4.1	5.6	7.1	8.4	9.1	8.4
163°	3.2	4.2	5.6	7.1	8.4	9.1	8.3
163.5°	3.2	4.2	5.7	7.1	8.4	9.0	8.3
164°	3.3	4.3	5.7	7.1	8.4	9.0	8.2
164.5°	3.4	4.4	5.8	7.2	8.4	9.0	8.1
165°	3.4	4.4	5.8	7.2	8.4	9.0	8.1
165.5°	3.5	4.5	5.9	7.2	8.4	8.9	8.0
166°	3.5	4.6	6.0	7.3	8.4	8.9	8.0
166.5°	3.6	4.6	6.0	7.3	8.4	8.8	7.9
167°	3.7	4.7	6.1	7.3	8.4	8.8	7.9
167.5°	3.7	4.7	6.1	7.4	8.4	8.8	7.8
168°	3.8	4.8	6.2	7.4	8.4	8.8	7.8
168.5°	3.9	4.9	6.2	7.4	8.4	8.7	7.7
169°	3.9	4.9	6.3	7.5	8.4	8.7	7.6
169.5°	4.0	5.0	6.3	7.5	8.4	8.7	7.5
170°	4.1	5.1	6.4	7.5	8.3	8.6	7.5
170.5°	4.2	5.1	6.4	7.5	8.3	8.6	7.4
171°	4.2	5.2	6.5	7.5	8.3	8.5	7.3
171.5°	4.3	5.2	6.5	7.6	8.3	8.5	7.2
172°	4.4	5.3	6.6	7.6	8.2	8.4	7.2
172.5°	4.4	5.4	6.6	7.6	8.2	8.3	7.0
173°	4.5	5.5	6.7	7.6	8.2	8.3	7.0
173.5°	4.6	5.5	6.7	7.6	8.2	8.2	6.9
174°	4.7	5.6	6.8	7.6	8.1	8.2	6.8
174.5°	4.7	5.7	6.8	7.6	8.1	8.1	6.7
175°	4.8	5.8	6.9	7.6	8.1	8.1	6.6
175.5°	4.9	5.8	6.9	7.7	8.1	8.0	6.5
176°	5.0	5.9	7.0	7.7	8.0	8.0	6.4
176.5°	5.1	6.0	7.0	7.7	8.0	7.9	6.3
177°	5.1	6.0	7.1	7.7	8.0	7.9	6.2
177.5°	5.2	6.1	7.1	7.7	8.0	7.8	6.1
178°	5.3	6.2	7.2	7.7	8.0	7.8	6.1
178.5°	5.4	6.3	7.2	7.7	7.9	7.7	6.0
179°	5.5	6.4	7.3	7.7	7.9	7.7	5.9
179.5°	5.6	6.4	7.3	7.7	7.9	7.6	5.8



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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
180°	5.7	5.7	5.7	5.7	5.7	5.7	5.7

(END OF REPORT)