

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: P1197059

Luminaire Tested: AWP75S-BZ-LOW-5000K-POSITION 30

Issue Date: 10/29/2025

Test Information

Test Method: LM-79-2019
Report Number: P1197059
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-LOW-5000K-POSITION 30
Description: AWP Architectural Wall Pack Series - Wall Mount Luminaire
Light Source: 80 CRI, 5000K
Ballast/Driver: -

Summary

Lumens per Lamp: 9923 (1 lamp)
Luminaire Lumens: 8185.6 lumens
Efficiency: 82.5%
Efficacy: 148.0 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): 55.3
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

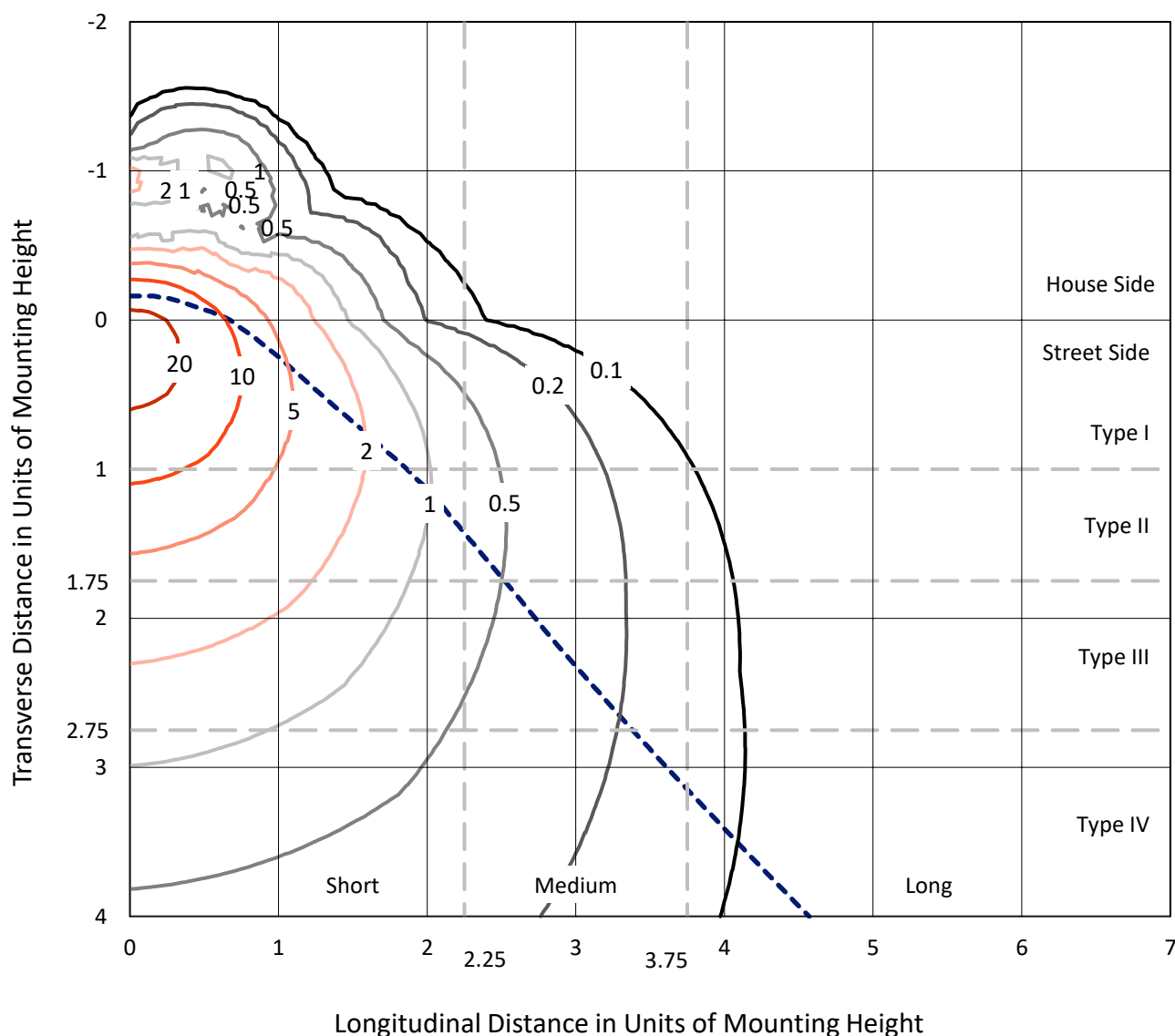
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



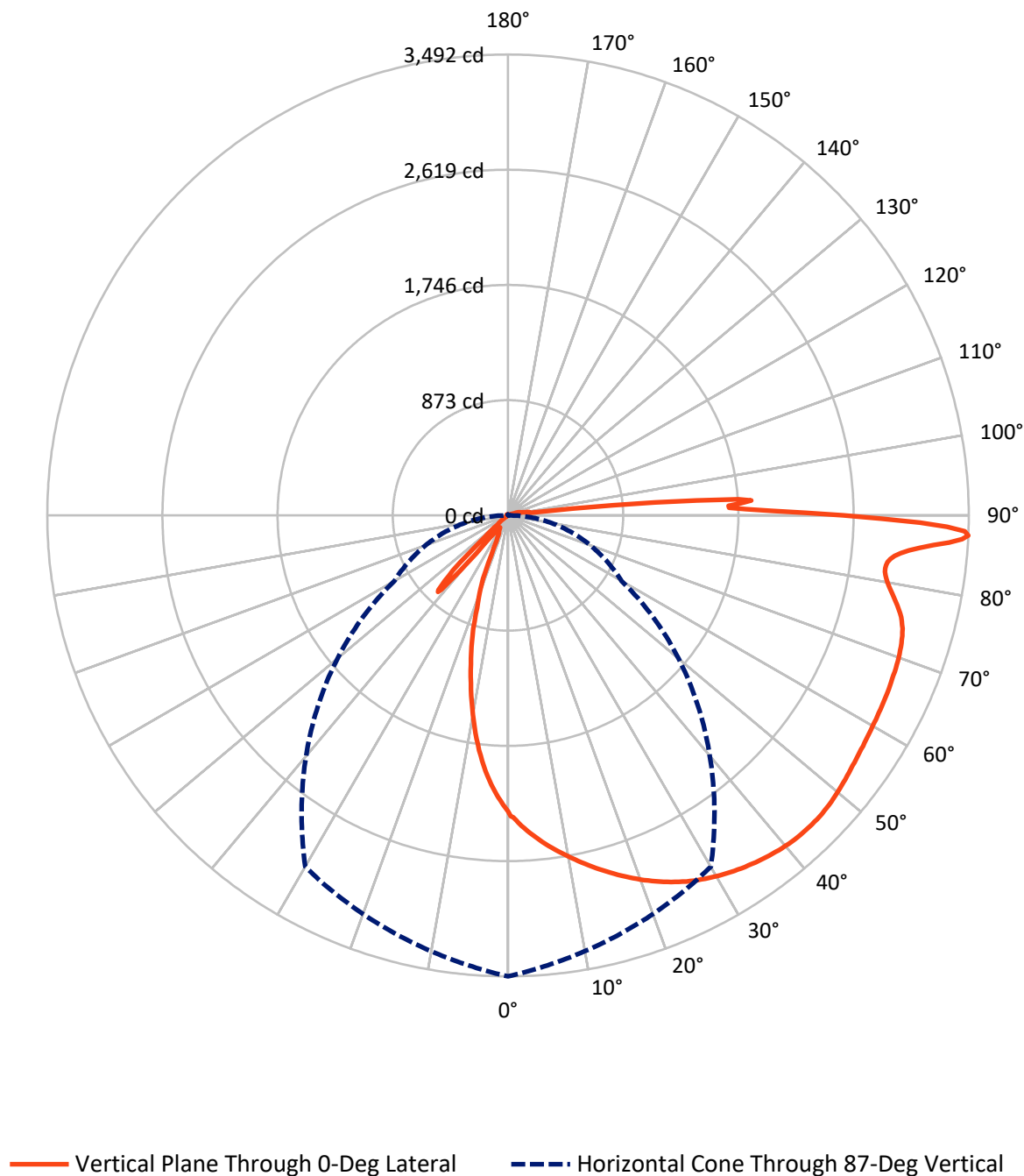
Based on 10 foot mounting height. Maximum calculated value = 25.3 fc

Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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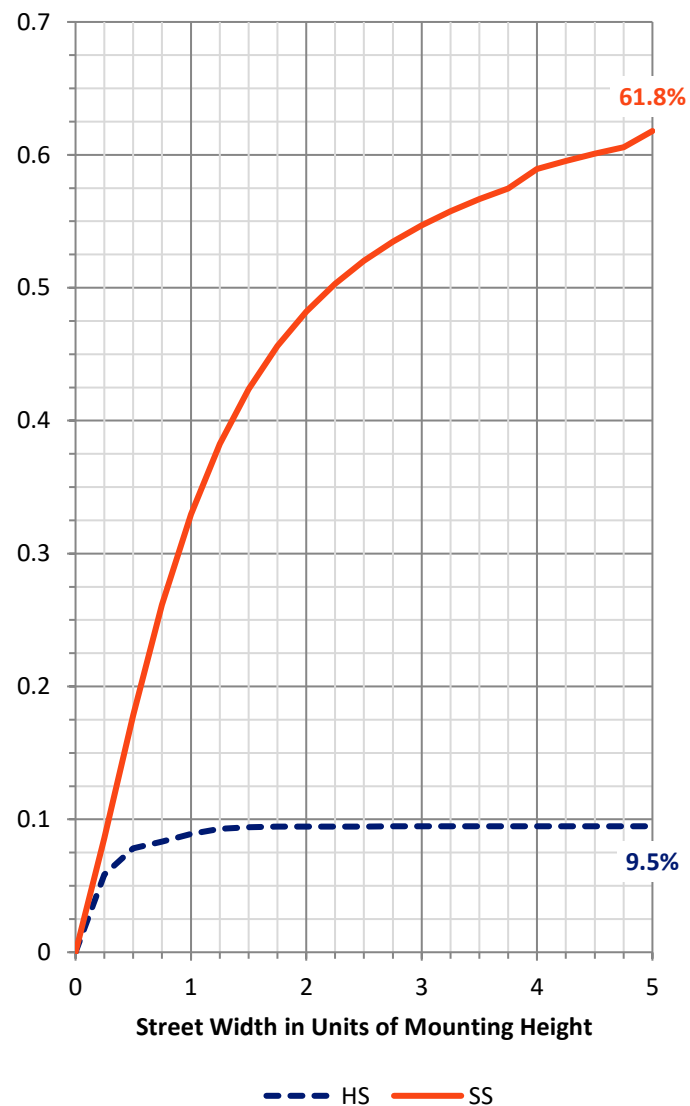
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	954.0	20.1	974.1
	% Lamp	9.6	0.2	9.8
Street Side	Lumens	6872.8	338.6	7211.5
	% Lamp	69.3	3.4	72.7
Total	Lumens	7826.9	358.7	8185.6
	% Lamp	78.9	3.6	82.5

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	212.4	2.6	2.1
10°-20°	576.5	7.0	5.8
20°-30°	811.2	9.9	8.2
30°-40°	976.9	11.9	9.8
40°-50°	1116.0	13.6	11.2
50°-60°	1124.3	13.7	11.3
60°-70°	1049.7	12.8	10.6
70°-80°	994.9	12.2	10.0
80°-90°	965.0	11.8	9.7
90°-100°	315.5	3.9	3.2
100°-110°	23.5	0.3	0.2
110°-120°	4.5	0.1	0.0
120°-130°	3.7	0.0	0.0
130°-140°	3.5	0.0	0.0
140°-150°	3.2	0.0	0.0
150°-160°	2.6	0.0	0.0
160°-170°	1.7	0.0	0.0
170°-180°	0.6	0.0	0.0
0°-90°	7826.9	95.6	78.9
0°-180°	8185.6	100.0	82.5

Coefficient of Utilization



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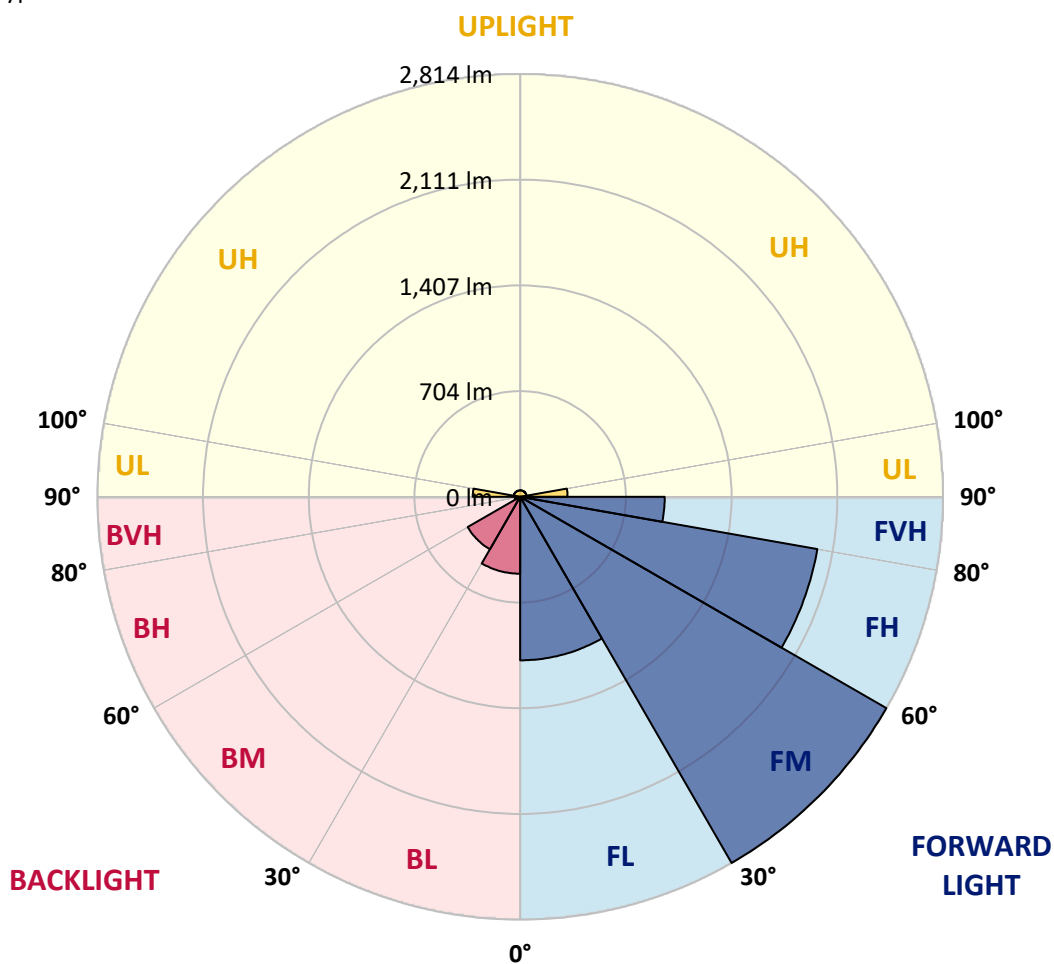
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1088.2	11.0			
FM	(30°-60°)	2814.4	28.4			
FH	(60°-80°)	2008.5	20.2			G2/5000
FVH	(80°-90°)	961.7	9.7			G5
BL	(0°-30°)	511.8	5.2	B2/1000		
BM	(30°-60°)	402.9	4.1	B1/1000		
BH	(60°-80°)	36.1	0.4	B0/110		G0/110
BVH	(80°-90°)	3.2	0.0			G0/10
UL	(90°-100°)	315.5	3.2		U3/500	
UH	(100°-180°)	43.2	0.4		U2/50	
Trapped Light		1737.4	17.5			

BUG Rating: B2-U3-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°
0°	2279.4	2279.4	2279.4	2279.4	2279.4	2279.4	2279.4
0.5°	2287.7	2301.6	2298.7	2290.2	2272.5	2248.2	2239.8
1°	2309.9	2320.5	2309.3	2290.1	2261.1	2226.8	2215.4
1.5°	2331.1	2339.5	2319.2	2289.1	2248.5	2205.2	2189.8
2°	2352.7	2357.5	2330.1	2289.0	2236.0	2182.4	2162.5
2.5°	2373.3	2374.9	2340.2	2287.2	2222.8	2158.2	2135.1
3°	2393.2	2391.6	2349.1	2284.7	2208.7	2133.6	2106.1
3.5°	2412.7	2408.1	2358.4	2283.1	2194.1	2108.1	2076.6
4°	2431.4	2424.1	2367.3	2281.0	2179.8	2081.2	2045.2
4.5°	2449.9	2439.6	2374.5	2278.0	2164.3	2054.8	2012.1
5°	2469.0	2455.1	2382.3	2275.6	2147.9	2026.6	1979.5
5.5°	2486.8	2470.0	2389.8	2272.4	2132.2	1995.8	1943.9
6°	2504.3	2484.8	2396.5	2268.7	2115.2	1966.6	1907.7
6.5°	2521.8	2498.7	2403.6	2265.0	2097.7	1935.5	1870.9
7°	2539.1	2513.0	2410.3	2260.7	2080.1	1902.6	1832.7
7.5°	2555.8	2526.6	2415.6	2256.3	2062.2	1869.0	1792.0
8°	2572.8	2540.3	2421.5	2251.9	2042.8	1835.4	1750.9
8.5°	2589.3	2553.9	2427.3	2246.9	2023.7	1799.5	1709.1
9°	2605.6	2566.9	2432.3	2241.7	2004.3	1762.7	1667.1
9.5°	2623.2	2579.5	2436.9	2236.3	1983.9	1725.9	1623.0
10°	2639.2	2593.0	2441.7	2230.2	1961.5	1687.8	1578.3
10.5°	2655.4	2606.2	2445.7	2224.7	1940.9	1648.6	1532.4
11°	2672.0	2618.6	2449.9	2218.5	1917.7	1609.7	1485.6
11.5°	2687.9	2630.2	2453.9	2211.8	1895.3	1569.9	1440.8
12°	2704.3	2642.5	2457.9	2205.4	1872.4	1529.0	1395.0
12.5°	2719.8	2655.6	2461.0	2198.2	1848.4	1487.2	1346.7
13°	2736.1	2667.1	2464.6	2190.9	1823.3	1445.5	1300.5
13.5°	2752.5	2679.0	2467.2	2183.9	1799.9	1402.1	1255.3
14°	2768.3	2691.3	2469.9	2175.7	1773.1	1360.7	1208.3
14.5°	2784.2	2702.4	2472.8	2167.4	1745.8	1317.2	1162.2
15°	2799.6	2714.5	2474.9	2159.6	1720.3	1276.2	1118.5
15.5°	2815.1	2725.6	2476.9	2150.5	1692.4	1232.9	1074.2
16°	2830.9	2737.6	2479.0	2142.1	1663.4	1190.6	1031.3
16.5°	2846.2	2748.8	2481.0	2133.9	1636.1	1149.8	987.7
17°	2861.0	2760.1	2482.7	2123.5	1607.5	1109.1	946.5
17.5°	2876.5	2771.4	2484.1	2113.3	1577.4	1067.8	899.8
18°	2891.2	2782.3	2485.8	2104.7	1548.0	1029.2	843.8
18.5°	2906.2	2792.7	2486.9	2094.3	1518.0	988.9	788.8
19°	2920.8	2803.8	2487.7	2083.2	1486.0	949.7	740.2
19.5°	2935.6	2814.2	2488.3	2073.7	1455.1	911.7	697.1
20°	2949.3	2824.3	2489.1	2062.5	1424.5	873.2	659.9
20.5°	2962.8	2834.8	2489.1	2051.2	1391.3	829.0	625.7
21°	2975.9	2844.8	2489.9	2039.9	1357.7	777.9	595.7
21.5°	2989.4	2854.5	2490.4	2027.7	1325.8	729.3	560.6
22°	3002.1	2864.2	2489.8	2015.2	1292.3	685.4	515.6

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
22.5°	3015.2	2873.4	2489.9	2003.2	1258.9	647.6	456.8
23°	3027.7	2881.7	2489.1	1990.2	1227.1	613.8	390.6
23.5°	3040.0	2891.4	2488.4	1977.3	1193.0	583.4	324.0
24°	3051.6	2899.7	2487.7	1964.4	1159.3	554.0	270.2
24.5°	3063.7	2908.1	2487.6	1950.6	1127.7	522.5	229.8
25°	3074.2	2916.5	2486.3	1937.0	1094.2	480.8	213.4
25.5°	3084.9	2924.2	2484.8	1922.9	1059.6	429.7	197.7
26°	3095.3	2932.3	2483.3	1908.2	1026.6	370.3	182.1
26.5°	3104.9	2940.2	2481.6	1894.4	994.4	310.4	166.5
27°	3114.2	2946.8	2479.7	1879.6	960.9	259.4	158.4
27.5°	3123.2	2954.1	2478.3	1863.7	929.4	220.1	152.7
28°	3132.0	2960.5	2476.2	1848.6	898.7	203.4	148.7
28.5°	3139.9	2966.5	2473.4	1832.8	867.4	187.6	145.9
29°	3148.4	2973.1	2470.6	1816.4	838.3	171.9	143.7
29.5°	3156.4	2978.0	2467.9	1800.1	809.2	156.2	142.0
30°	3164.5	2983.5	2465.4	1783.7	780.0	149.4	140.4
30.5°	3171.9	2988.5	2461.9	1766.1	750.9	144.5	138.3
31°	3179.0	2993.3	2458.8	1749.0	723.6	141.0	134.9
31.5°	3185.8	2997.6	2455.6	1732.1	696.7	139.2	130.0
32°	3192.2	3001.5	2451.7	1713.5	669.7	138.4	124.3
32.5°	3199.0	3005.1	2447.7	1696.3	644.9	138.5	119.5
33°	3205.3	3008.8	2443.7	1677.3	620.1	139.2	115.1
33.5°	3211.3	3012.4	2439.5	1658.7	591.4	139.8	110.8
34°	3217.0	3015.5	2434.6	1639.7	563.8	140.6	110.0
34.5°	3223.2	3018.5	2429.9	1619.7	536.1	141.5	110.7
35°	3228.5	3021.6	2425.0	1599.9	507.9	142.5	111.8
35.5°	3233.9	3023.8	2419.1	1580.2	477.2	143.4	113.8
36°	3239.0	3025.6	2413.9	1559.6	446.4	144.0	117.6
36.5°	3244.0	3028.3	2408.3	1539.2	415.6	143.9	125.5
37°	3248.9	3030.4	2402.2	1518.1	384.8	142.6	141.0
37.5°	3253.2	3032.4	2396.3	1496.5	353.4	137.5	158.4
38°	3257.6	3034.2	2390.1	1475.6	312.1	132.2	168.9
38.5°	3261.8	3035.9	2383.5	1453.6	273.3	126.6	177.1
39°	3266.1	3037.4	2376.7	1431.6	241.8	120.5	193.1
39.5°	3268.9	3038.3	2369.8	1410.4	215.8	115.1	226.2
40°	3272.5	3039.3	2362.5	1388.1	197.6	110.1	281.0
40.5°	3275.1	3039.1	2354.8	1366.0	185.3	105.8	375.6
41°	3277.7	3039.5	2348.0	1344.8	176.7	102.8	470.5
41.5°	3280.1	3038.9	2340.2	1322.3	170.2	101.7	565.5
42°	3281.3	3038.9	2332.0	1300.5	165.2	101.8	660.5
42.5°	3282.2	3038.4	2324.6	1278.9	160.7	102.8	755.5
43°	3283.4	3037.4	2316.2	1255.6	156.8	103.3	785.1
43.5°	3284.1	3036.3	2307.1	1232.0	153.1	104.2	772.1
44°	3284.1	3034.9	2298.9	1206.4	149.7	106.6	729.9
44.5°	3284.2	3032.8	2289.9	1180.3	146.7	112.8	687.3

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
45°	3283.4	3030.3	2280.3	1152.9	143.9	125.0	641.1
45.5°	3282.8	3026.8	2270.4	1124.5	141.4	149.0	592.1
46°	3281.3	3023.8	2260.9	1096.1	139.0	179.7	508.8
46.5°	3279.3	3021.0	2250.3	1068.0	136.7	205.4	406.3
47°	3277.0	3017.0	2239.5	1039.0	134.3	236.2	308.5
47.5°	3274.0	3013.0	2228.8	1010.0	132.2	278.1	233.1
48°	3271.2	3009.0	2217.4	982.6	130.5	329.9	201.9
48.5°	3268.0	3004.9	2205.8	953.4	128.3	361.1	171.9
49°	3264.6	3000.1	2193.9	924.8	126.0	391.2	141.7
49.5°	3260.9	2994.8	2181.9	897.2	123.9	421.3	111.2
50°	3257.0	2989.9	2169.5	868.7	121.6	451.8	99.6
50.5°	3252.8	2984.2	2156.8	839.2	119.2	482.3	90.8
51°	3248.7	2978.6	2143.5	810.4	116.2	461.5	82.6
51.5°	3244.5	2971.9	2130.2	781.7	113.2	435.1	74.7
52°	3240.1	2965.2	2116.8	751.2	110.4	413.3	67.6
52.5°	3235.7	2959.1	2103.5	721.8	107.6	386.9	61.3
53°	3231.5	2952.5	2089.8	692.9	104.7	361.9	55.6
53.5°	3227.5	2945.5	2076.2	663.5	101.6	339.1	50.5
54°	3223.8	2937.9	2061.1	635.7	97.7	315.0	45.5
54.5°	3220.0	2930.7	2046.3	608.3	94.0	290.3	41.0
55°	3216.5	2923.0	2030.8	581.5	90.4	264.6	36.3
55.5°	3213.0	2915.7	2014.7	556.5	86.9	237.0	31.7
56°	3210.1	2909.0	1999.1	532.3	83.6	212.9	27.5
56.5°	3207.6	2901.9	1983.9	510.0	80.2	189.0	23.6
57°	3204.5	2894.6	1968.4	489.6	76.9	165.0	19.8
57.5°	3201.6	2887.8	1953.1	470.2	73.7	141.0	16.5
58°	3198.6	2880.2	1938.1	452.0	69.9	117.0	13.4
58.5°	3196.3	2873.4	1923.4	434.2	66.0	100.0	11.8
59°	3194.3	2866.6	1907.8	413.9	62.5	84.0	10.7
59.5°	3191.3	2860.1	1893.2	390.3	59.0	67.3	9.7
60°	3189.0	2852.8	1878.9	363.8	55.3	51.4	8.6
60.5°	3187.6	2846.1	1863.6	332.1	52.3	40.5	7.8
61°	3185.0	2839.5	1848.4	299.9	49.4	31.3	6.9
61.5°	3183.2	2833.4	1833.5	270.5	46.0	17.3	6.2
62°	3181.4	2826.9	1818.3	248.9	43.2	7.9	5.5
62.5°	3179.5	2820.1	1803.4	233.5	41.1	6.0	4.9
63°	3177.5	2813.5	1788.5	224.6	39.3	5.7	4.5
63.5°	3175.9	2807.2	1772.9	215.9	37.5	5.7	4.2
64°	3175.0	2800.9	1756.7	207.1	35.7	5.7	3.8
64.5°	3173.2	2795.3	1740.2	198.4	34.0	5.6	3.6
65°	3171.0	2790.1	1723.0	193.9	32.2	5.5	3.4
65.5°	3169.1	2784.8	1705.1	189.6	30.4	5.2	3.3
66°	3166.6	2779.8	1685.9	185.5	28.6	5.0	3.3
66.5°	3164.0	2775.4	1666.6	181.2	26.9	4.8	3.2
67°	3162.0	2771.0	1646.2	177.0	25.0	4.7	3.2

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
67.5°	3160.3	2767.2	1625.6	173.2	22.6	4.5	3.1
68°	3158.4	2763.5	1605.1	169.7	20.2	4.3	3.1
68.5°	3155.9	2759.4	1584.2	166.4	18.4	4.1	3.1
69°	3153.7	2755.8	1563.6	163.5	17.0	4.0	3.1
69.5°	3150.7	2751.8	1542.5	160.6	15.7	3.8	3.1
70°	3146.9	2748.1	1521.0	157.9	14.4	3.6	3.1
70.5°	3143.6	2745.2	1499.4	155.0	13.0	3.4	3.1
71°	3139.8	2742.9	1477.4	151.9	11.5	3.2	3.1
71.5°	3135.1	2740.5	1455.4	148.8	9.8	3.1	3.1
72°	3129.6	2738.9	1432.3	145.4	8.0	2.9	3.2
72.5°	3124.3	2736.2	1408.8	141.8	6.3	2.8	3.3
73°	3117.4	2732.5	1382.8	138.1	4.7	2.7	3.3
73.5°	3110.0	2728.6	1356.8	133.9	3.6	2.6	3.4
74°	3099.9	2724.7	1329.6	128.8	2.8	2.5	3.5
74.5°	3088.9	2720.9	1303.9	122.9	2.4	2.5	3.6
75°	3076.9	2717.6	1279.1	116.4	2.3	2.4	3.6
75.5°	3061.8	2714.1	1255.4	109.1	2.3	2.4	3.7
76°	3045.6	2709.0	1232.4	101.4	2.2	2.4	3.8
76.5°	3028.3	2703.9	1207.6	93.8	2.1	2.4	3.8
77°	3009.7	2698.7	1184.2	86.5	2.1	2.4	3.9
77.5°	2990.9	2693.8	1161.6	79.4	2.1	2.4	3.9
78°	2971.4	2689.6	1138.2	72.7	2.0	2.4	4.0
78.5°	2953.3	2685.5	1116.7	66.3	2.0	2.4	4.1
79°	2935.9	2681.6	1095.8	60.0	2.0	2.5	4.2
79.5°	2920.9	2675.9	1075.1	54.3	2.0	2.6	4.3
80°	2907.6	2672.0	1054.9	48.6	2.0	2.6	4.4
80.5°	2896.4	2669.0	1036.0	43.3	2.0	2.7	4.5
81°	2889.5	2670.0	1017.7	38.6	2.1	2.8	4.6
81.5°	2887.2	2682.5	1001.3	34.5	2.1	2.9	4.7
82°	2890.1	2703.5	986.2	30.9	2.1	3.0	4.8
82.5°	2898.2	2733.6	972.2	27.7	2.1	3.0	4.9
83°	2916.5	2776.9	962.1	24.9	2.2	3.1	5.0
83.5°	2945.6	2837.1	951.5	22.3	2.2	3.2	5.1
84°	2990.4	2908.7	943.0	19.8	2.2	3.3	5.2
84.5°	3051.8	2980.2	937.6	17.6	2.3	3.4	5.3
85°	3128.8	3067.5	936.6	15.6	2.3	3.5	5.4
85.5°	3231.7	3141.8	937.8	13.8	2.4	3.6	5.5
86°	3349.4	3176.6	946.2	12.0	2.4	3.7	5.6
86.5°	3444.7	3159.1	966.0	10.5	2.5	3.8	5.7
87°	3491.6	3073.6	993.9	9.0	2.5	3.8	5.8
87.5°	3464.7	2918.2	1031.2	7.6	2.6	3.9	5.9
88°	3330.0	2697.3	1066.7	6.4	2.6	4.0	6.0
88.5°	3121.7	2445.9	1099.6	5.2	2.7	4.1	6.1
89°	2831.5	2190.8	1120.4	4.2	2.7	4.2	6.2
89.5°	2540.4	1966.0	1129.7	3.4	2.8	4.3	6.3

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CATALOG NUMBER: AWP75S-BZ-LOW-5000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
90°	2255.3	1774.8	1119.9	2.7	2.9	4.4	6.4
90.5°	1997.6	1622.7	1091.0	2.4	2.9	4.5	6.5
91°	1802.7	1562.3	1041.3	2.3	3.0	4.6	6.6
91.5°	1675.9	1598.4	960.1	2.3	3.1	4.7	6.7
92°	1673.5	1706.0	847.7	2.2	3.2	4.8	6.7
92.5°	1766.3	1779.1	745.8	2.2	3.2	4.9	6.8
93°	1847.3	1738.3	643.8	2.2	3.3	5.0	6.9
93.5°	1749.4	1524.3	541.9	2.1	3.4	5.1	7.0
94°	1433.4	1172.0	439.9	2.1	3.5	5.2	7.1
94.5°	1117.0	796.5	338.0	2.0	3.6	5.3	7.1
95°	801.3	465.5	238.9	2.0	3.6	5.4	7.2
95.5°	487.8	262.6	186.6	2.0	3.7	5.5	7.3
96°	190.5	225.6	150.7	1.9	3.8	5.5	7.3
96.5°	165.1	190.1	130.0	1.9	3.8	5.6	7.4
97°	159.5	154.9	121.7	1.9	3.9	5.7	7.5
97.5°	158.8	119.8	118.4	1.9	4.0	5.8	7.6
98°	161.0	118.1	112.0	1.9	4.1	5.9	7.6
98.5°	160.4	114.9	99.4	1.9	4.1	6.0	7.7
99°	157.2	109.2	89.2	1.9	4.2	6.0	7.7
99.5°	147.9	100.0	82.7	1.9	4.2	6.1	7.8
100°	135.6	91.1	78.1	1.9	4.3	6.1	7.9
100.5°	124.8	84.1	72.1	1.9	4.3	6.2	7.9
101°	119.6	77.3	57.4	1.9	4.4	6.3	8.0
101.5°	113.6	70.6	46.2	1.9	4.5	6.4	8.0
102°	104.9	64.7	37.4	1.9	4.5	6.4	8.1
102.5°	99.7	60.6	27.9	1.9	4.6	6.5	8.1
103°	98.2	58.0	24.0	1.9	4.6	6.6	8.2
103.5°	98.0	56.3	20.6	1.9	4.7	6.7	8.2
104°	96.6	55.6	17.8	1.9	4.8	6.8	8.3
104.5°	94.0	55.0	14.9	2.0	4.8	6.8	8.3
105°	90.8	54.1	12.1	2.0	4.9	6.9	8.4
105.5°	87.0	52.6	9.7	2.0	4.9	6.9	8.4
106°	83.0	50.8	8.0	2.0	5.0	7.0	8.5
106.5°	78.7	48.3	6.9	2.1	5.0	7.0	8.5
107°	74.0	45.1	6.2	2.1	5.0	7.1	8.5
107.5°	67.8	41.0	5.6	2.1	5.1	7.1	8.5
108°	59.3	35.6	4.9	2.2	5.1	7.2	8.5
108.5°	48.0	29.0	4.3	2.2	5.2	7.2	8.6
109°	38.1	23.1	3.8	2.2	5.2	7.3	8.6
109.5°	30.1	16.4	3.3	2.3	5.3	7.3	8.6
110°	24.6	10.7	3.0	2.3	5.3	7.4	8.6
110.5°	21.6	6.9	2.6	2.3	5.3	7.4	8.6
111°	19.2	5.2	2.3	2.3	5.4	7.5	8.7
111.5°	16.1	4.1	2.1	2.4	5.4	7.5	8.7
112°	13.5	2.9	1.8	2.4	5.5	7.5	8.7

REPORT NUMBER: P1197059

CATALOG NUMBER: AWP75S-BZ-LOW-5000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
112.5°	11.1	2.1	1.6	2.5	5.5	7.6	8.7
113°	7.8	1.6	1.5	2.5	5.6	7.6	8.7
113.5°	4.1	1.2	1.4	2.6	5.6	7.7	8.7
114°	2.5	1.0	1.3	2.6	5.6	7.7	8.8
114.5°	2.1	0.9	1.2	2.6	5.7	7.7	8.8
115°	1.7	0.8	1.1	2.7	5.7	7.8	8.8
115.5°	1.3	0.7	1.0	2.7	5.8	7.8	8.8
116°	0.9	0.7	1.0	2.7	5.8	7.8	8.8
116.5°	0.8	0.6	1.0	2.8	5.8	7.9	8.8
117°	0.8	0.6	1.0	2.8	5.9	7.9	8.8
117.5°	0.8	0.6	1.0	2.9	5.9	8.0	8.9
118°	0.7	0.6	0.9	2.9	5.9	8.0	8.9
118.5°	0.7	0.6	0.9	3.0	6.0	8.0	8.9
119°	0.7	0.5	1.0	3.0	6.0	8.1	8.9
119.5°	0.7	0.5	1.0	3.0	6.1	8.1	8.9
120°	0.7	0.5	1.0	3.1	6.1	8.1	9.0
120.5°	0.6	0.5	1.0	3.1	6.1	8.2	9.0
121°	0.6	0.5	1.0	3.2	6.1	8.2	9.0
121.5°	0.6	0.5	1.0	3.2	6.2	8.2	9.0
122°	0.5	0.5	1.1	3.3	6.2	8.2	9.0
122.5°	0.5	0.4	1.1	3.3	6.2	8.3	9.0
123°	0.4	0.4	1.1	3.3	6.3	8.3	9.1
123.5°	0.4	0.4	1.2	3.4	6.3	8.3	9.1
124°	0.4	0.4	1.2	3.4	6.3	8.3	9.1
124.5°	0.4	0.4	1.2	3.5	6.4	8.4	9.1
125°	0.4	0.4	1.3	3.5	6.4	8.4	9.1
125.5°	0.4	0.4	1.3	3.5	6.4	8.4	9.1
126°	0.4	0.4	1.4	3.6	6.4	8.4	9.1
126.5°	0.4	0.4	1.4	3.6	6.4	8.4	9.1
127°	0.4	0.4	1.5	3.7	6.5	8.4	9.1
127.5°	0.4	0.4	1.5	3.7	6.5	8.4	9.1
128°	0.4	0.4	1.5	3.8	6.5	8.4	9.1
128.5°	0.4	0.4	1.6	3.8	6.5	8.4	9.1
129°	0.4	0.4	1.6	3.8	6.6	8.4	9.1
129.5°	0.4	0.4	1.7	3.9	6.6	8.4	9.1
130°	0.4	0.4	1.7	3.9	6.6	8.4	9.1
130.5°	0.4	0.5	1.8	4.0	6.6	8.4	9.1
131°	0.4	0.5	1.8	4.0	6.6	8.4	9.1
131.5°	0.4	0.5	1.9	4.1	6.7	8.4	9.1
132°	0.4	0.5	1.9	4.1	6.7	8.4	9.1
132.5°	0.4	0.6	2.0	4.1	6.7	8.4	9.1
133°	0.5	0.6	2.0	4.2	6.7	8.4	9.1
133.5°	0.5	0.6	2.1	4.2	6.8	8.4	9.1
134°	0.5	0.7	2.1	4.3	6.8	8.4	9.1
134.5°	0.5	0.7	2.2	4.3	6.8	8.4	9.1

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CATALOG NUMBER: AWP75S-BZ-LOW-5000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
135°	0.5	0.7	2.2	4.3	6.8	8.5	9.1
135.5°	0.6	0.8	2.3	4.4	6.8	8.5	9.1
136°	0.6	0.8	2.3	4.4	6.9	8.5	9.1
136.5°	0.6	0.8	2.3	4.5	6.9	8.5	9.1
137°	0.6	0.8	2.4	4.5	6.9	8.5	9.1
137.5°	0.6	0.9	2.4	4.5	6.9	8.5	9.1
138°	0.7	0.9	2.5	4.6	7.0	8.5	9.1
138.5°	0.7	1.0	2.5	4.6	7.0	8.5	9.1
139°	0.7	1.0	2.6	4.7	7.0	8.5	9.1
139.5°	0.7	1.0	2.6	4.7	7.0	8.5	9.0
140°	0.8	1.1	2.7	4.7	7.0	8.5	9.0
140.5°	0.8	1.1	2.7	4.8	7.1	8.5	9.0
141°	0.8	1.2	2.8	4.8	7.1	8.5	9.0
141.5°	0.8	1.2	2.8	4.9	7.1	8.5	8.9
142°	0.9	1.3	2.9	4.9	7.1	8.5	8.9
142.5°	0.9	1.3	2.9	4.9	7.1	8.5	8.9
143°	0.9	1.4	3.0	5.0	7.1	8.5	8.9
143.5°	0.9	1.4	3.0	5.0	7.2	8.5	8.8
144°	0.9	1.5	3.1	5.0	7.2	8.5	8.8
144.5°	1.0	1.5	3.1	5.1	7.2	8.5	8.8
145°	1.0	1.6	3.2	5.1	7.2	8.5	8.7
145.5°	1.0	1.6	3.2	5.2	7.2	8.5	8.7
146°	1.1	1.7	3.3	5.2	7.2	8.4	8.7
146.5°	1.1	1.7	3.3	5.2	7.2	8.4	8.6
147°	1.1	1.7	3.4	5.3	7.2	8.4	8.6
147.5°	1.2	1.8	3.4	5.3	7.2	8.4	8.6
148°	1.2	1.8	3.5	5.3	7.3	8.4	8.5
148.5°	1.2	1.9	3.5	5.4	7.3	8.4	8.5
149°	1.3	1.9	3.6	5.4	7.3	8.4	8.5
149.5°	1.3	2.0	3.6	5.4	7.3	8.4	8.5
150°	1.4	2.1	3.7	5.5	7.3	8.4	8.4
150.5°	1.4	2.1	3.7	5.5	7.3	8.4	8.4
151°	1.5	2.2	3.8	5.5	7.4	8.4	8.4
151.5°	1.5	2.2	3.8	5.6	7.4	8.4	8.3
152°	1.6	2.3	3.9	5.6	7.4	8.4	8.3
152.5°	1.6	2.3	3.9	5.6	7.4	8.4	8.3
153°	1.7	2.4	4.0	5.7	7.4	8.4	8.2
153.5°	1.7	2.5	4.0	5.7	7.4	8.4	8.2
154°	1.8	2.5	4.1	5.8	7.4	8.4	8.1
154.5°	1.9	2.6	4.2	5.8	7.4	8.4	8.1
155°	1.9	2.7	4.2	5.8	7.4	8.4	8.1
155.5°	2.0	2.8	4.3	5.8	7.4	8.4	8.0
156°	2.0	2.8	4.3	5.9	7.4	8.4	8.0
156.5°	2.1	2.9	4.4	5.9	7.4	8.3	8.0
157°	2.2	2.9	4.4	5.9	7.4	8.3	7.9

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CATALOG NUMBER: AWP75S-BZ-LOW-5000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
157.5°	2.2	3.0	4.5	6.0	7.4	8.3	7.9
158°	2.3	3.1	4.5	6.0	7.4	8.3	7.9
158.5°	2.3	3.1	4.6	6.0	7.4	8.3	7.9
159°	2.4	3.2	4.6	6.1	7.4	8.2	7.8
159.5°	2.4	3.3	4.7	6.1	7.4	8.2	7.8
160°	2.5	3.3	4.7	6.1	7.4	8.2	7.7
160.5°	2.5	3.4	4.7	6.2	7.4	8.2	7.7
161°	2.6	3.5	4.8	6.2	7.4	8.1	7.6
161.5°	2.6	3.5	4.8	6.2	7.4	8.1	7.6
162°	2.7	3.6	4.9	6.2	7.4	8.1	7.5
162.5°	2.7	3.6	5.0	6.3	7.4	8.1	7.5
163°	2.8	3.7	5.0	6.3	7.4	8.0	7.4
163.5°	2.9	3.7	5.0	6.3	7.4	8.0	7.3
164°	2.9	3.8	5.1	6.3	7.4	8.0	7.3
164.5°	3.0	3.9	5.1	6.4	7.4	8.0	7.2
165°	3.0	3.9	5.2	6.4	7.4	7.9	7.2
165.5°	3.1	4.0	5.2	6.4	7.4	7.9	7.1
166°	3.1	4.1	5.3	6.4	7.4	7.9	7.1
166.5°	3.2	4.1	5.3	6.5	7.4	7.8	7.0
167°	3.2	4.2	5.4	6.5	7.4	7.8	7.0
167.5°	3.3	4.2	5.4	6.5	7.4	7.8	6.9
168°	3.4	4.3	5.5	6.5	7.4	7.8	6.9
168.5°	3.4	4.3	5.5	6.6	7.4	7.7	6.8
169°	3.5	4.4	5.6	6.6	7.4	7.7	6.7
169.5°	3.5	4.4	5.6	6.6	7.4	7.7	6.7
170°	3.6	4.5	5.7	6.6	7.4	7.6	6.6
170.5°	3.7	4.5	5.7	6.7	7.4	7.6	6.6
171°	3.7	4.6	5.8	6.7	7.3	7.6	6.5
171.5°	3.8	4.6	5.8	6.7	7.3	7.5	6.4
172°	3.9	4.7	5.8	6.7	7.3	7.4	6.3
172.5°	3.9	4.8	5.9	6.7	7.3	7.4	6.2
173°	4.0	4.8	5.9	6.7	7.2	7.4	6.2
173.5°	4.1	4.9	6.0	6.8	7.2	7.3	6.1
174°	4.1	5.0	6.0	6.8	7.2	7.3	6.0
174.5°	4.2	5.0	6.1	6.8	7.2	7.2	5.9
175°	4.3	5.1	6.1	6.8	7.2	7.2	5.8
175.5°	4.3	5.1	6.1	6.8	7.2	7.1	5.8
176°	4.4	5.2	6.2	6.8	7.1	7.1	5.7
176.5°	4.5	5.3	6.2	6.8	7.1	7.0	5.6
177°	4.6	5.4	6.3	6.8	7.1	7.0	5.5
177.5°	4.6	5.4	6.3	6.9	7.1	6.9	5.4
178°	4.7	5.5	6.4	6.9	7.1	6.9	5.4
178.5°	4.8	5.6	6.4	6.8	7.0	6.8	5.3
179°	4.9	5.6	6.5	6.8	7.0	6.8	5.2
179.5°	5.0	5.7	6.5	6.9	7.0	6.7	5.1



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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
180°	5.0	5.0	5.0	5.0	5.0	5.0	5.0

(END OF REPORT)