

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: P1197197

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

Issue Date: 10/29/2025

Test Information

Test Method: LM-79-2019
Report Number: P1197197
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-3000K-POSITION 30
Description: AWP Architectural
Light Source: 80 CRI, 3000K
Ballast/Driver: -

Summary

Lumens per Lamp: 9923 (1 lamp)
Luminaire Lumens: 7856.8 lumens
Efficiency: 79.2%
Efficacy: 140.6 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: B1 - U3 - G5

Input Watts (W): 55.9
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

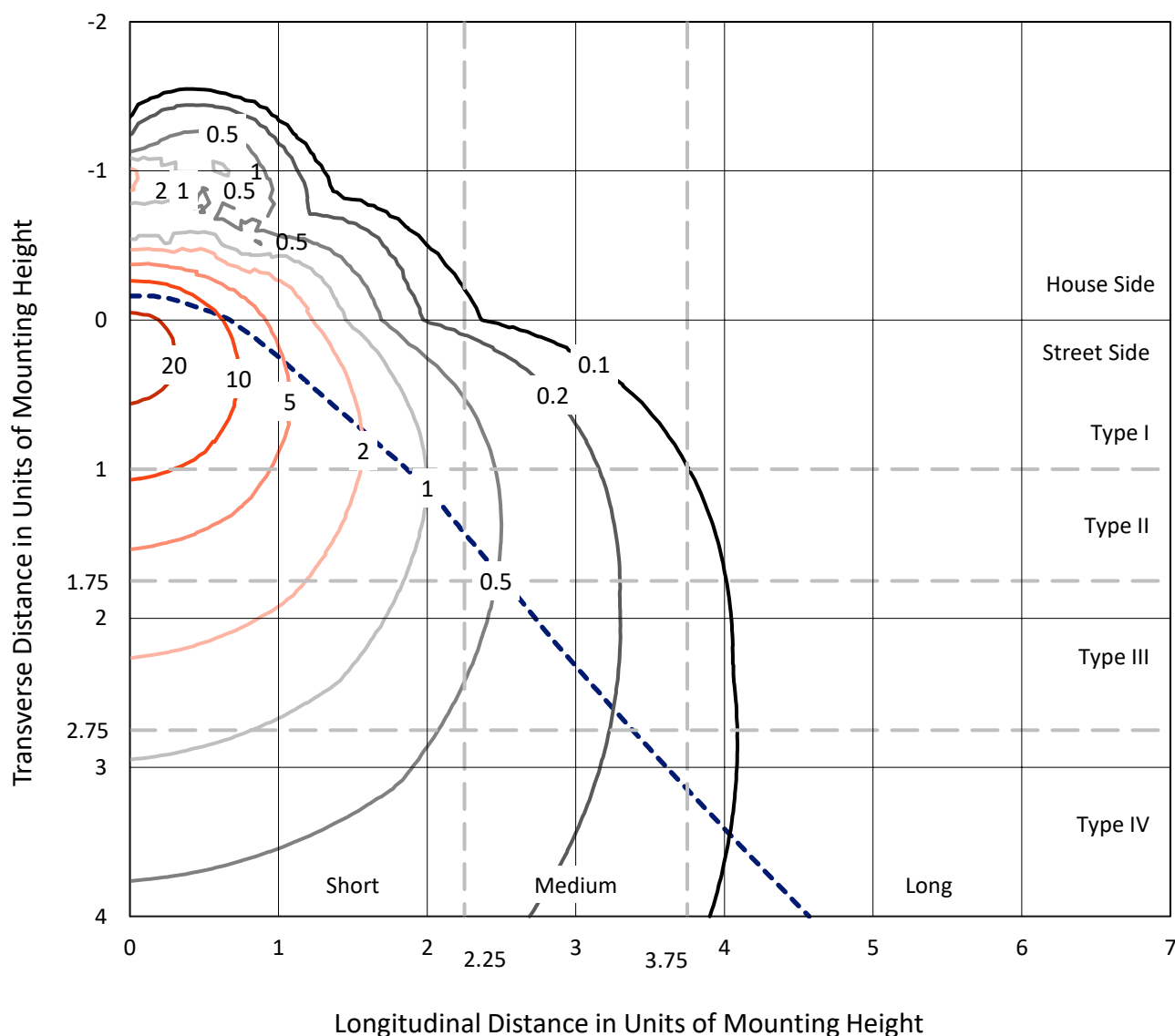
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

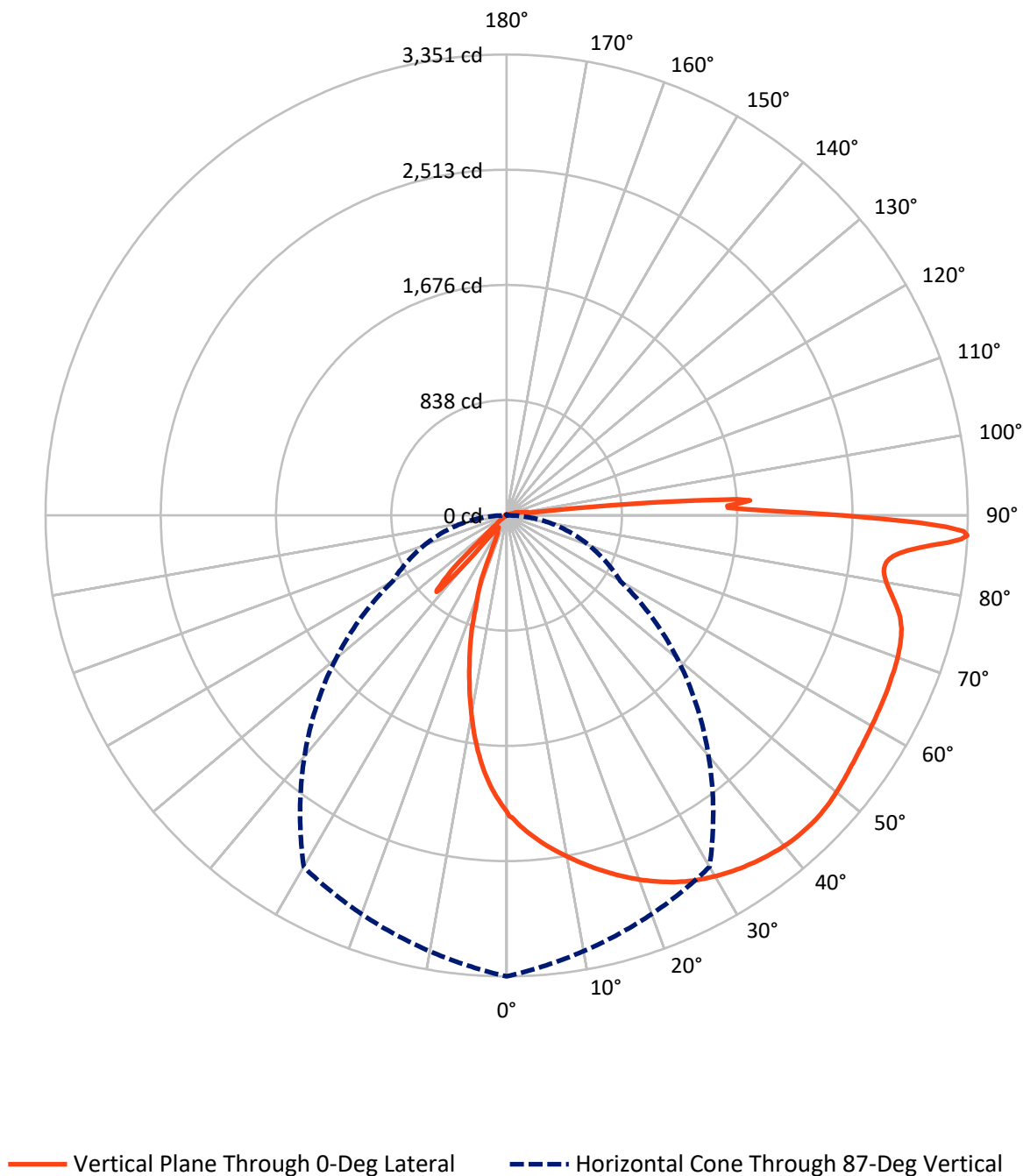


Based on 10 foot mounting height. Maximum calculated value = 24.3 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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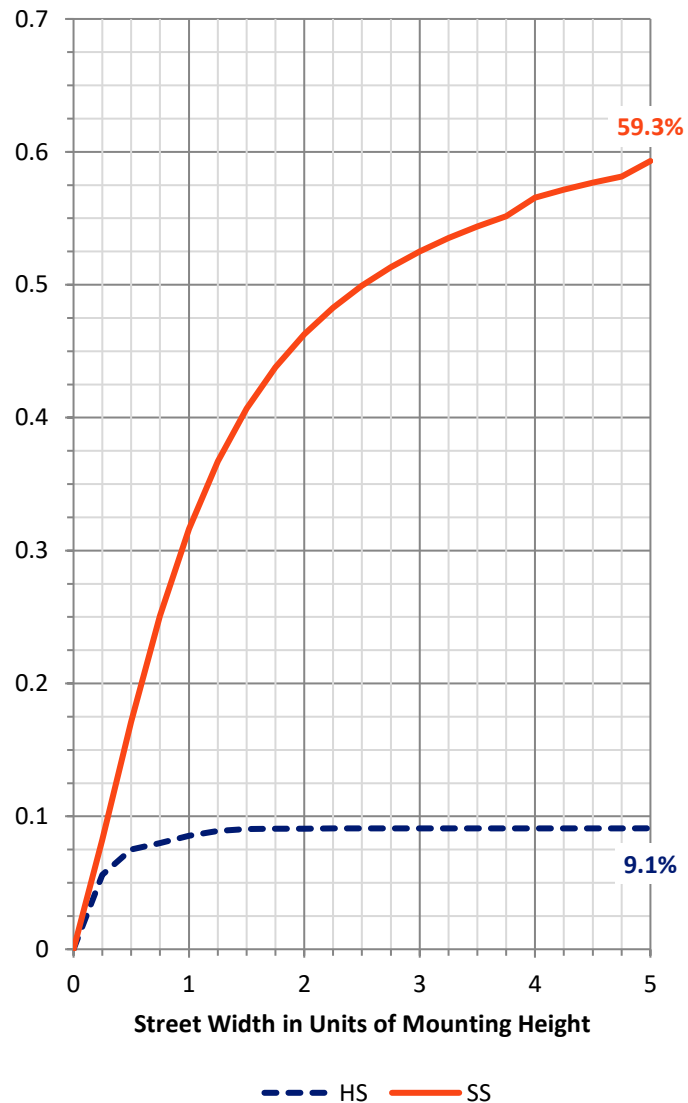
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	915.7	19.3	935.0
	% Lamp	9.2	0.2	9.4
Street Side	Lumens	6596.8	325.0	6921.8
	% Lamp	66.5	3.3	69.8
Total	Lumens	7512.5	344.3	7856.8
	% Lamp	75.7	3.5	79.2

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	203.8	2.6	2.1
10°-20°	553.3	7.0	5.6
20°-30°	778.7	9.9	7.8
30°-40°	937.7	11.9	9.4
40°-50°	1071.2	13.6	10.8
50°-60°	1079.1	13.7	10.9
60°-70°	1007.5	12.8	10.2
70°-80°	955.0	12.2	9.6
80°-90°	926.2	11.8	9.3
90°-100°	302.8	3.9	3.1
100°-110°	22.6	0.3	0.2
110°-120°	4.3	0.1	0.0
120°-130°	3.5	0.0	0.0
130°-140°	3.4	0.0	0.0
140°-150°	3.0	0.0	0.0
150°-160°	2.5	0.0	0.0
160°-170°	1.6	0.0	0.0
170°-180°	0.6	0.0	0.0
0°-90°	7512.5	95.6	75.7
0°-180°	7856.8	100.0	79.2

Coefficient of Utilization



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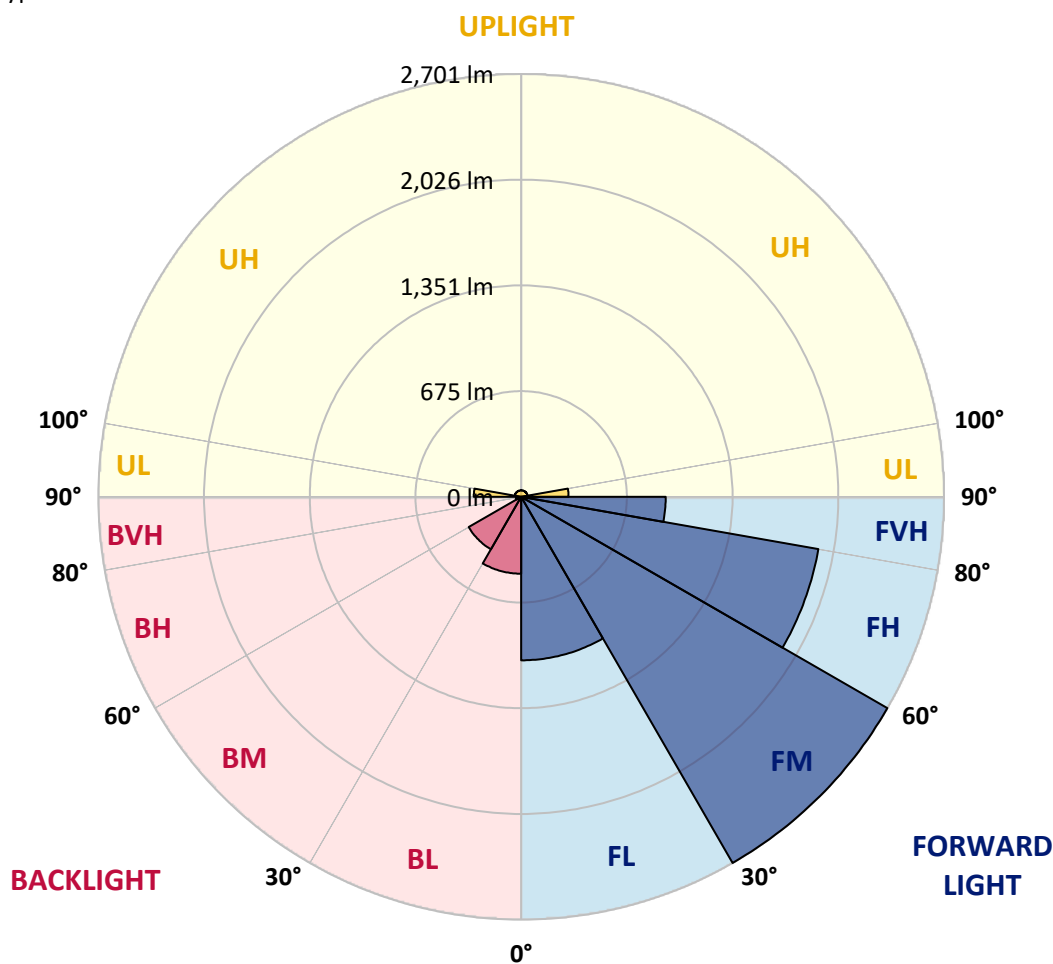
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1044.5	10.5			
FM	(30°-60°)	2701.3	27.2			
FH	(60°-80°)	1927.9	19.4			G2/5000
FVH	(80°-90°)	923.1	9.3			G5
BL	(0°-30°)	491.3	5.0	B1/500		
BM	(30°-60°)	386.7	3.9	B1/1000		
BH	(60°-80°)	34.6	0.3	B0/110		G0/110
BVH	(80°-90°)	3.1	0.0			G0/10
UL	(90°-100°)	302.8	3.1		U3/500	
UH	(100°-180°)	41.5	0.4		U2/50	
Trapped Light		2066.2	20.8			

BUG Rating: B1-U3-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°
0°	2187.9	2187.9	2187.9	2187.9	2187.9	2187.9	2187.9
0.5°	2195.8	2209.2	2206.4	2198.2	2181.3	2157.9	2149.9
1°	2217.1	2227.2	2216.5	2198.1	2170.3	2137.3	2126.4
1.5°	2237.5	2245.5	2226.0	2197.1	2158.2	2116.7	2101.8
2°	2258.2	2262.8	2236.5	2197.0	2146.1	2094.8	2075.6
2.5°	2278.0	2279.5	2246.2	2195.3	2133.5	2071.5	2049.4
3°	2297.1	2295.6	2254.7	2192.9	2120.0	2047.9	2021.5
3.5°	2315.7	2311.4	2263.7	2191.4	2106.0	2023.5	1993.2
4°	2333.7	2326.7	2272.2	2189.4	2092.2	1997.6	1963.0
4.5°	2351.5	2341.6	2279.2	2186.5	2077.3	1972.3	1931.2
5°	2369.8	2356.5	2286.6	2184.1	2061.7	1945.2	1900.0
5.5°	2386.9	2370.8	2293.8	2181.1	2046.6	1915.6	1865.8
6°	2403.7	2385.0	2300.3	2177.6	2030.2	1887.6	1831.0
6.5°	2420.5	2398.4	2307.1	2174.0	2013.5	1857.8	1795.7
7°	2437.1	2412.1	2313.5	2169.9	1996.6	1826.2	1759.1
7.5°	2453.2	2425.1	2318.6	2165.7	1979.4	1794.0	1720.0
8°	2469.5	2438.3	2324.2	2161.5	1960.8	1761.7	1680.6
8.5°	2485.3	2451.4	2329.8	2156.6	1942.4	1727.3	1640.5
9°	2501.0	2463.8	2334.6	2151.7	1923.8	1691.9	1600.1
9.5°	2517.8	2475.9	2339.0	2146.5	1904.2	1656.6	1557.9
10°	2533.2	2488.9	2343.6	2140.7	1882.7	1620.0	1514.9
10.5°	2548.7	2501.5	2347.5	2135.3	1862.9	1582.4	1470.8
11°	2564.7	2513.4	2351.5	2129.4	1840.7	1545.0	1425.9
11.5°	2579.9	2524.5	2355.3	2122.9	1819.2	1506.8	1382.9
12°	2595.7	2536.4	2359.2	2116.8	1797.2	1467.6	1339.0
12.5°	2610.6	2549.0	2362.1	2109.9	1774.2	1427.5	1292.6
13°	2626.2	2560.0	2365.6	2102.9	1750.1	1387.5	1248.3
13.5°	2642.0	2571.4	2368.1	2096.1	1727.6	1345.8	1204.9
14°	2657.1	2583.2	2370.7	2088.3	1701.9	1306.0	1159.8
14.5°	2672.4	2593.9	2373.5	2080.4	1675.7	1264.3	1115.5
15°	2687.2	2605.5	2375.4	2072.9	1651.2	1224.9	1073.6
15.5°	2702.0	2616.2	2377.4	2064.1	1624.5	1183.4	1031.0
16°	2717.2	2627.6	2379.4	2056.0	1596.6	1142.8	989.9
16.5°	2731.9	2638.4	2381.3	2048.2	1570.4	1103.6	948.0
17°	2746.1	2649.2	2382.9	2038.2	1543.0	1064.6	908.5
17.5°	2760.9	2660.0	2384.3	2028.4	1514.0	1024.9	863.6
18°	2775.1	2670.6	2385.9	2020.2	1485.8	987.9	809.9
18.5°	2789.4	2680.5	2387.0	2010.2	1457.0	949.2	757.1
19°	2803.5	2691.2	2387.8	1999.5	1426.3	911.5	710.4
19.5°	2817.7	2701.2	2388.4	1990.4	1396.6	875.1	669.1
20°	2830.8	2710.9	2389.1	1979.7	1367.2	838.1	633.4
20.5°	2843.8	2721.0	2389.1	1968.8	1335.4	795.7	600.5
21°	2856.4	2730.5	2389.9	1957.9	1303.2	746.6	571.8
21.5°	2869.4	2739.8	2390.4	1946.3	1272.6	700.0	538.1
22°	2881.5	2749.2	2389.8	1934.2	1240.4	657.8	494.9

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
22.5°	2894.1	2758.0	2389.9	1922.8	1208.3	621.5	438.5
23°	2906.1	2766.0	2389.1	1910.3	1177.8	589.2	374.9
23.5°	2917.9	2775.2	2388.4	1897.9	1145.1	560.0	311.0
24°	2929.1	2783.2	2387.8	1885.5	1112.8	531.8	259.3
24.5°	2940.7	2791.2	2387.6	1872.3	1082.4	501.5	220.6
25°	2950.7	2799.4	2386.5	1859.2	1050.3	461.5	204.8
25.5°	2961.0	2806.8	2385.0	1845.6	1017.1	412.5	189.8
26°	2971.0	2814.5	2383.5	1831.6	985.3	355.4	174.8
26.5°	2980.2	2822.1	2381.9	1818.3	954.5	297.9	159.8
27°	2989.1	2828.5	2380.1	1804.1	922.4	249.0	152.1
27.5°	2997.8	2835.5	2378.7	1788.8	892.0	211.3	146.5
28°	3006.2	2841.6	2376.7	1774.4	862.6	195.2	142.7
28.5°	3013.8	2847.3	2374.0	1759.2	832.6	180.1	140.0
29°	3021.9	2853.7	2371.4	1743.4	804.6	165.0	138.0
29.5°	3029.6	2858.4	2368.8	1727.8	776.7	149.9	136.3
30°	3037.4	2863.7	2366.4	1712.1	748.7	143.4	134.7
30.5°	3044.5	2868.5	2363.0	1695.2	720.8	138.7	132.7
31°	3051.3	2873.0	2360.0	1678.7	694.5	135.4	129.5
31.5°	3057.8	2877.2	2356.9	1662.6	668.7	133.6	124.8
32°	3064.0	2881.0	2353.3	1644.7	642.8	132.9	119.3
32.5°	3070.5	2884.4	2349.3	1628.1	619.0	133.0	114.7
33°	3076.6	2887.9	2345.5	1610.0	595.2	133.6	110.5
33.5°	3082.4	2891.4	2341.5	1592.1	567.6	134.2	106.4
34°	3087.8	2894.4	2336.8	1573.8	541.1	134.9	105.5
34.5°	3093.7	2897.3	2332.3	1554.6	514.6	135.8	106.2
35°	3098.8	2900.2	2327.6	1535.6	487.5	136.7	107.3
35.5°	3104.0	2902.3	2321.9	1516.7	458.0	137.6	109.2
36°	3108.9	2904.1	2316.9	1497.0	428.5	138.2	112.9
36.5°	3113.7	2906.6	2311.5	1477.3	398.9	138.1	120.4
37°	3118.4	2908.7	2305.7	1457.1	369.4	136.8	135.3
37.5°	3122.5	2910.6	2300.0	1436.4	339.2	132.0	152.0
38°	3126.8	2912.3	2294.1	1416.3	299.6	126.9	162.1
38.5°	3130.8	2913.9	2287.8	1395.2	262.3	121.5	170.0
39°	3135.0	2915.4	2281.3	1374.1	232.1	115.7	185.3
39.5°	3137.6	2916.3	2274.6	1353.8	207.1	110.5	217.1
40°	3141.1	2917.3	2267.6	1332.3	189.7	105.7	269.7
40.5°	3143.6	2917.1	2260.2	1311.1	177.8	101.6	360.5
41°	3146.0	2917.4	2253.6	1290.8	169.6	98.6	451.6
41.5°	3148.3	2916.8	2246.2	1269.2	163.4	97.6	542.8
42°	3149.5	2916.9	2238.3	1248.3	158.6	97.7	634.0
42.5°	3150.4	2916.4	2231.2	1227.5	154.3	98.6	725.2
43°	3151.5	2915.4	2223.2	1205.2	150.5	99.2	753.6
43.5°	3152.2	2914.3	2214.4	1182.5	147.0	100.0	741.1
44°	3152.2	2913.0	2206.6	1158.0	143.7	102.3	700.6
44.5°	3152.3	2911.0	2197.9	1132.9	140.8	108.3	659.7

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
45°	3151.6	2908.6	2188.7	1106.6	138.1	119.9	615.4
45.5°	3151.0	2905.2	2179.2	1079.3	135.7	143.0	568.3
46°	3149.5	2902.3	2170.1	1052.1	133.5	172.4	488.4
46.5°	3147.6	2899.6	2159.9	1025.1	131.2	197.1	390.0
47°	3145.4	2895.8	2149.6	997.3	128.9	226.7	296.1
47.5°	3142.5	2892.0	2139.3	969.4	126.9	267.0	223.7
48°	3139.8	2888.1	2128.4	943.1	125.2	316.7	193.8
48.5°	3136.7	2884.2	2117.2	915.1	123.1	346.6	165.0
49°	3133.5	2879.6	2105.8	887.6	120.9	375.5	136.0
49.5°	3129.9	2874.5	2094.3	861.1	118.9	404.4	106.8
50°	3126.2	2869.8	2082.3	833.8	116.7	433.6	95.6
50.5°	3122.1	2864.4	2070.2	805.5	114.4	462.9	87.1
51°	3118.3	2858.9	2057.4	777.9	111.6	443.0	79.3
51.5°	3114.2	2852.5	2044.6	750.3	108.7	417.7	71.7
52°	3110.0	2846.1	2031.7	721.1	106.0	396.7	64.9
52.5°	3105.7	2840.3	2019.0	692.8	103.2	371.3	58.8
53°	3101.7	2833.9	2005.9	665.1	100.5	347.4	53.4
53.5°	3097.8	2827.2	1992.8	636.9	97.5	325.5	48.5
54°	3094.3	2819.9	1978.3	610.2	93.7	302.4	43.7
54.5°	3090.7	2813.0	1964.1	583.9	90.3	278.6	39.4
55°	3087.3	2805.6	1949.2	558.1	86.8	254.0	34.9
55.5°	3084.0	2798.6	1933.8	534.1	83.5	227.5	30.4
56°	3081.2	2792.1	1918.8	510.9	80.3	204.4	26.4
56.5°	3078.7	2785.4	1904.2	489.5	77.0	181.4	22.6
57°	3075.8	2778.4	1889.3	469.9	73.8	158.3	19.0
57.5°	3073.0	2771.8	1874.7	451.3	70.7	135.3	15.8
58°	3070.1	2764.5	1860.2	433.9	67.1	112.3	12.9
58.5°	3067.9	2758.0	1846.1	416.8	63.4	95.9	11.4
59°	3066.0	2751.5	1831.1	397.3	60.0	80.7	10.3
59.5°	3063.1	2745.3	1817.1	374.6	56.7	64.6	9.3
60°	3060.9	2738.2	1803.4	349.2	53.1	49.3	8.3
60.5°	3059.5	2731.8	1788.7	318.7	50.2	38.9	7.4
61°	3057.1	2725.4	1774.1	287.9	47.4	30.1	6.6
61.5°	3055.4	2719.6	1759.9	259.6	44.1	16.6	6.0
62°	3053.6	2713.4	1745.3	238.9	41.5	7.6	5.3
62.5°	3051.8	2706.8	1730.9	224.1	39.5	5.7	4.7
63°	3049.9	2700.4	1716.6	215.6	37.7	5.5	4.4
63.5°	3048.3	2694.5	1701.7	207.2	36.0	5.5	4.0
64°	3047.5	2688.4	1686.2	198.8	34.3	5.5	3.7
64.5°	3045.8	2683.0	1670.3	190.4	32.6	5.4	3.5
65°	3043.6	2678.0	1653.8	186.1	30.9	5.2	3.3
65.5°	3041.8	2672.9	1636.6	182.0	29.1	5.0	3.2
66°	3039.4	2668.2	1618.1	178.0	27.5	4.8	3.1
66.5°	3036.9	2663.9	1599.7	173.9	25.8	4.6	3.1
67°	3035.0	2659.7	1580.1	169.9	24.0	4.5	3.0

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
67.5°	3033.3	2656.1	1560.3	166.2	21.7	4.3	3.0
68°	3031.6	2652.5	1540.7	162.9	19.4	4.2	3.0
68.5°	3029.1	2648.5	1520.6	159.8	17.7	4.0	3.0
69°	3027.1	2645.2	1500.8	156.9	16.3	3.8	3.0
69.5°	3024.2	2641.2	1480.5	154.2	15.1	3.6	3.0
70°	3020.5	2637.8	1459.9	151.5	13.8	3.4	3.0
70.5°	3017.4	2634.9	1439.2	148.8	12.4	3.3	3.0
71°	3013.7	2632.7	1418.1	145.8	11.0	3.1	3.0
71.5°	3009.2	2630.4	1396.9	142.8	9.4	3.0	3.0
72°	3003.9	2628.9	1374.8	139.5	7.7	2.8	3.1
72.5°	2998.8	2626.3	1352.2	136.1	6.0	2.7	3.1
73°	2992.2	2622.8	1327.3	132.5	4.5	2.6	3.2
73.5°	2985.1	2619.0	1302.3	128.5	3.5	2.5	3.3
74°	2975.3	2615.3	1276.2	123.7	2.7	2.4	3.3
74.5°	2964.9	2611.6	1251.5	118.0	2.3	2.4	3.4
75°	2953.3	2608.5	1227.7	111.7	2.3	2.3	3.5
75.5°	2938.8	2605.1	1205.0	104.7	2.2	2.3	3.5
76°	2923.2	2600.2	1182.9	97.3	2.1	2.3	3.6
76.5°	2906.7	2595.3	1159.1	90.0	2.0	2.3	3.7
77°	2888.8	2590.3	1136.6	83.0	2.0	2.3	3.7
77.5°	2870.8	2585.6	1115.0	76.2	2.0	2.3	3.8
78°	2852.1	2581.6	1092.5	69.8	2.0	2.3	3.9
78.5°	2834.7	2577.6	1071.8	63.6	2.0	2.3	3.9
79°	2818.0	2573.9	1051.8	57.6	2.0	2.4	4.0
79.5°	2803.6	2568.4	1031.9	52.1	2.0	2.5	4.1
80°	2790.8	2564.7	1012.6	46.6	2.0	2.5	4.2
80.5°	2780.1	2561.8	994.4	41.6	2.0	2.6	4.3
81°	2773.4	2562.7	976.9	37.1	2.0	2.7	4.4
81.5°	2771.3	2574.8	961.1	33.1	2.0	2.8	4.5
82°	2774.0	2594.9	946.5	29.6	2.0	2.8	4.6
82.5°	2781.8	2623.8	933.2	26.6	2.1	2.9	4.7
83°	2799.4	2665.4	923.5	23.9	2.1	3.0	4.8
83.5°	2827.3	2723.2	913.3	21.4	2.1	3.1	4.9
84°	2870.3	2791.8	905.1	19.0	2.1	3.2	5.0
84.5°	2929.2	2860.5	900.0	16.9	2.2	3.3	5.1
85°	3003.2	2944.3	899.0	14.9	2.2	3.3	5.2
85.5°	3101.9	3015.6	900.1	13.2	2.3	3.4	5.3
86°	3214.9	3049.0	908.2	11.5	2.3	3.5	5.4
86.5°	3306.4	3032.2	927.2	10.1	2.4	3.6	5.5
87°	3351.3	2950.2	954.0	8.6	2.4	3.7	5.6
87.5°	3325.5	2801.0	989.8	7.3	2.5	3.8	5.7
88°	3196.3	2589.0	1023.9	6.1	2.5	3.9	5.8
88.5°	2996.3	2347.6	1055.5	5.0	2.6	4.0	5.8
89°	2717.8	2102.8	1075.4	4.0	2.6	4.0	5.9
89.5°	2438.3	1887.1	1084.4	3.3	2.7	4.1	6.0

REPORT NUMBER: P1197197

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

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
90°	2164.7	1703.6	1074.9	2.6	2.7	4.2	6.1
90.5°	1917.4	1557.5	1047.2	2.3	2.8	4.3	6.2
91°	1730.3	1499.6	999.5	2.2	2.9	4.4	6.3
91.5°	1608.6	1534.2	921.6	2.2	3.0	4.5	6.4
92°	1606.3	1637.5	813.6	2.2	3.0	4.6	6.5
92.5°	1695.4	1707.6	715.8	2.1	3.1	4.7	6.6
93°	1773.1	1668.5	618.0	2.1	3.2	4.8	6.6
93.5°	1679.1	1463.0	520.1	2.0	3.3	4.9	6.7
94°	1375.8	1124.9	422.3	2.0	3.3	5.0	6.8
94.5°	1072.1	764.5	324.4	1.9	3.4	5.1	6.8
95°	769.2	446.8	229.3	1.9	3.5	5.1	6.9
95.5°	468.2	252.1	179.1	1.9	3.6	5.2	7.0
96°	182.8	216.5	144.6	1.9	3.6	5.3	7.1
96.5°	158.5	182.5	124.7	1.8	3.7	5.4	7.1
97°	153.1	148.7	116.8	1.8	3.8	5.5	7.2
97.5°	152.4	115.0	113.7	1.8	3.8	5.6	7.3
98°	154.5	113.4	107.5	1.8	3.9	5.6	7.3
98.5°	154.0	110.3	95.4	1.8	4.0	5.7	7.4
99°	150.8	104.8	85.6	1.8	4.0	5.8	7.4
99.5°	142.0	96.0	79.3	1.8	4.1	5.8	7.5
100°	130.1	87.5	75.0	1.8	4.1	5.9	7.5
100.5°	119.8	80.7	69.2	1.8	4.2	6.0	7.6
101°	114.8	74.2	55.1	1.8	4.2	6.0	7.6
101.5°	109.0	67.7	44.3	1.8	4.3	6.1	7.7
102°	100.7	62.1	35.9	1.8	4.3	6.2	7.7
102.5°	95.7	58.2	26.8	1.8	4.4	6.3	7.8
103°	94.3	55.6	23.1	1.8	4.5	6.3	7.8
103.5°	94.1	54.1	19.8	1.9	4.5	6.4	7.9
104°	92.7	53.4	17.1	1.9	4.6	6.5	8.0
104.5°	90.2	52.8	14.3	1.9	4.6	6.5	8.0
105°	87.1	51.9	11.6	1.9	4.7	6.6	8.1
105.5°	83.5	50.5	9.4	1.9	4.7	6.7	8.1
106°	79.7	48.8	7.7	2.0	4.8	6.7	8.1
106.5°	75.5	46.4	6.7	2.0	4.8	6.8	8.1
107°	71.0	43.3	6.0	2.0	4.8	6.8	8.2
107.5°	65.1	39.4	5.3	2.0	4.9	6.9	8.2
108°	56.9	34.1	4.7	2.1	4.9	6.9	8.2
108.5°	46.1	27.9	4.2	2.1	5.0	6.9	8.2
109°	36.6	22.1	3.6	2.1	5.0	7.0	8.2
109.5°	28.9	15.8	3.2	2.2	5.0	7.0	8.3
110°	23.6	10.3	2.8	2.2	5.1	7.1	8.3
110.5°	20.7	6.6	2.5	2.2	5.1	7.1	8.3
111°	18.4	5.0	2.2	2.3	5.2	7.2	8.3
111.5°	15.5	3.9	2.0	2.3	5.2	7.2	8.3
112°	12.9	2.8	1.7	2.3	5.2	7.2	8.4

REPORT NUMBER: P1197197

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

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
112.5°	10.7	2.0	1.5	2.4	5.3	7.3	8.4
113°	7.5	1.5	1.4	2.4	5.3	7.3	8.4
113.5°	4.0	1.1	1.3	2.5	5.4	7.4	8.4
114°	2.4	0.9	1.2	2.5	5.4	7.4	8.4
114.5°	2.0	0.8	1.1	2.5	5.4	7.4	8.4
115°	1.6	0.7	1.1	2.6	5.5	7.5	8.5
115.5°	1.3	0.7	1.0	2.6	5.5	7.5	8.5
116°	0.8	0.6	1.0	2.6	5.6	7.5	8.5
116.5°	0.8	0.6	1.0	2.7	5.6	7.6	8.5
117°	0.8	0.6	0.9	2.7	5.6	7.6	8.5
117.5°	0.7	0.6	0.9	2.7	5.7	7.6	8.5
118°	0.7	0.6	0.9	2.8	5.7	7.7	8.5
118.5°	0.7	0.5	0.9	2.8	5.7	7.7	8.6
119°	0.7	0.5	0.9	2.9	5.8	7.7	8.6
119.5°	0.6	0.5	0.9	2.9	5.8	7.8	8.6
120°	0.6	0.5	0.9	2.9	5.8	7.8	8.6
120.5°	0.6	0.5	0.9	3.0	5.9	7.8	8.6
121°	0.6	0.5	1.0	3.0	5.9	7.9	8.6
121.5°	0.5	0.5	1.0	3.1	5.9	7.9	8.6
122°	0.5	0.5	1.0	3.1	6.0	7.9	8.7
122.5°	0.5	0.4	1.1	3.2	6.0	7.9	8.7
123°	0.4	0.4	1.1	3.2	6.0	8.0	8.7
123.5°	0.4	0.4	1.1	3.2	6.0	8.0	8.7
124°	0.4	0.4	1.2	3.3	6.1	8.0	8.7
124.5°	0.4	0.4	1.2	3.3	6.1	8.0	8.7
125°	0.4	0.4	1.2	3.4	6.1	8.0	8.7
125.5°	0.4	0.4	1.3	3.4	6.1	8.0	8.7
126°	0.4	0.4	1.3	3.4	6.2	8.0	8.7
126.5°	0.4	0.4	1.4	3.5	6.2	8.0	8.7
127°	0.4	0.4	1.4	3.5	6.2	8.1	8.7
127.5°	0.4	0.4	1.4	3.6	6.2	8.1	8.7
128°	0.4	0.4	1.5	3.6	6.2	8.1	8.7
128.5°	0.4	0.4	1.5	3.6	6.3	8.1	8.7
129°	0.4	0.4	1.6	3.7	6.3	8.1	8.7
129.5°	0.4	0.4	1.6	3.7	6.3	8.1	8.7
130°	0.4	0.4	1.6	3.8	6.3	8.1	8.7
130.5°	0.4	0.4	1.7	3.8	6.3	8.1	8.7
131°	0.4	0.5	1.7	3.8	6.4	8.1	8.7
131.5°	0.4	0.5	1.8	3.9	6.4	8.1	8.7
132°	0.4	0.5	1.8	3.9	6.4	8.1	8.7
132.5°	0.4	0.5	1.9	4.0	6.4	8.1	8.7
133°	0.4	0.6	1.9	4.0	6.5	8.1	8.7
133.5°	0.5	0.6	2.0	4.0	6.5	8.1	8.7
134°	0.5	0.6	2.0	4.1	6.5	8.1	8.7
134.5°	0.5	0.7	2.1	4.1	6.5	8.1	8.7

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

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
135°	0.5	0.7	2.1	4.2	6.5	8.1	8.7
135.5°	0.5	0.7	2.2	4.2	6.6	8.1	8.7
136°	0.6	0.7	2.2	4.2	6.6	8.1	8.7
136.5°	0.6	0.8	2.3	4.3	6.6	8.1	8.7
137°	0.6	0.8	2.3	4.3	6.6	8.1	8.7
137.5°	0.6	0.9	2.3	4.4	6.6	8.1	8.7
138°	0.6	0.9	2.4	4.4	6.7	8.1	8.7
138.5°	0.7	0.9	2.4	4.5	6.7	8.1	8.7
139°	0.7	1.0	2.5	4.5	6.7	8.1	8.7
139.5°	0.7	1.0	2.5	4.5	6.7	8.1	8.7
140°	0.7	1.0	2.6	4.5	6.7	8.1	8.7
140.5°	0.8	1.1	2.6	4.6	6.8	8.1	8.6
141°	0.8	1.1	2.7	4.6	6.8	8.1	8.6
141.5°	0.8	1.2	2.7	4.7	6.8	8.1	8.6
142°	0.8	1.2	2.8	4.7	6.8	8.1	8.6
142.5°	0.8	1.3	2.8	4.7	6.8	8.1	8.5
143°	0.9	1.3	2.9	4.8	6.8	8.1	8.5
143.5°	0.9	1.4	2.9	4.8	6.9	8.1	8.5
144°	0.9	1.4	3.0	4.8	6.9	8.1	8.4
144.5°	0.9	1.4	3.0	4.9	6.9	8.1	8.4
145°	1.0	1.5	3.0	4.9	6.9	8.1	8.4
145.5°	1.0	1.5	3.1	4.9	6.9	8.1	8.4
146°	1.0	1.6	3.1	5.0	6.9	8.1	8.3
146.5°	1.1	1.6	3.2	5.0	6.9	8.1	8.3
147°	1.1	1.7	3.2	5.0	6.9	8.1	8.2
147.5°	1.1	1.7	3.3	5.1	6.9	8.1	8.2
148°	1.2	1.8	3.3	5.1	7.0	8.1	8.2
148.5°	1.2	1.8	3.4	5.1	7.0	8.1	8.2
149°	1.2	1.9	3.4	5.2	7.0	8.1	8.1
149.5°	1.3	1.9	3.5	5.2	7.0	8.1	8.1
150°	1.3	2.0	3.5	5.2	7.0	8.1	8.1
150.5°	1.4	2.0	3.6	5.3	7.0	8.1	8.1
151°	1.4	2.1	3.6	5.3	7.1	8.1	8.0
151.5°	1.5	2.2	3.7	5.4	7.1	8.1	8.0
152°	1.5	2.2	3.7	5.4	7.1	8.1	8.0
152.5°	1.6	2.2	3.8	5.4	7.1	8.1	7.9
153°	1.6	2.3	3.8	5.5	7.1	8.1	7.9
153.5°	1.7	2.4	3.9	5.5	7.1	8.0	7.9
154°	1.7	2.4	3.9	5.5	7.1	8.0	7.8
154.5°	1.8	2.5	4.0	5.6	7.1	8.0	7.8
155°	1.8	2.6	4.0	5.6	7.1	8.0	7.8
155.5°	1.9	2.6	4.1	5.6	7.1	8.0	7.7
156°	2.0	2.7	4.1	5.7	7.1	8.0	7.7
156.5°	2.0	2.8	4.2	5.7	7.1	8.0	7.7
157°	2.1	2.8	4.2	5.7	7.1	8.0	7.6

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

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
157.5°	2.1	2.9	4.3	5.7	7.1	8.0	7.6
158°	2.2	2.9	4.3	5.8	7.1	7.9	7.6
158.5°	2.2	3.0	4.4	5.8	7.1	7.9	7.5
159°	2.3	3.1	4.4	5.8	7.1	7.9	7.5
159.5°	2.3	3.1	4.5	5.8	7.1	7.9	7.5
160°	2.4	3.2	4.5	5.9	7.1	7.9	7.4
160.5°	2.4	3.3	4.6	5.9	7.2	7.8	7.4
161°	2.5	3.3	4.6	5.9	7.1	7.8	7.3
161.5°	2.5	3.4	4.7	5.9	7.1	7.8	7.3
162°	2.6	3.4	4.7	6.0	7.1	7.8	7.2
162.5°	2.6	3.5	4.8	6.0	7.1	7.7	7.2
163°	2.7	3.5	4.8	6.0	7.1	7.7	7.1
163.5°	2.7	3.6	4.8	6.1	7.1	7.7	7.0
164°	2.8	3.7	4.9	6.1	7.1	7.7	7.0
164.5°	2.8	3.7	4.9	6.1	7.1	7.6	6.9
165°	2.9	3.8	5.0	6.1	7.1	7.6	6.9
165.5°	3.0	3.8	5.0	6.2	7.1	7.6	6.8
166°	3.0	3.9	5.1	6.2	7.1	7.6	6.8
166.5°	3.1	3.9	5.1	6.2	7.1	7.5	6.8
167°	3.1	4.0	5.2	6.2	7.1	7.5	6.7
167.5°	3.2	4.0	5.2	6.3	7.1	7.5	6.7
168°	3.2	4.1	5.3	6.3	7.1	7.5	6.6
168.5°	3.3	4.1	5.3	6.3	7.1	7.4	6.5
169°	3.3	4.2	5.3	6.4	7.1	7.4	6.5
169.5°	3.4	4.2	5.4	6.4	7.1	7.4	6.4
170°	3.5	4.3	5.4	6.4	7.1	7.3	6.4
170.5°	3.5	4.4	5.5	6.4	7.1	7.3	6.3
171°	3.6	4.4	5.5	6.4	7.0	7.2	6.2
171.5°	3.6	4.5	5.6	6.4	7.0	7.2	6.2
172°	3.7	4.5	5.6	6.5	7.0	7.1	6.1
172.5°	3.8	4.6	5.6	6.5	7.0	7.1	6.0
173°	3.8	4.7	5.7	6.5	7.0	7.1	5.9
173.5°	3.9	4.7	5.7	6.5	6.9	7.0	5.8
174°	4.0	4.8	5.8	6.5	6.9	7.0	5.8
174.5°	4.0	4.8	5.8	6.5	6.9	6.9	5.7
175°	4.1	4.9	5.9	6.5	6.9	6.9	5.6
175.5°	4.2	4.9	5.9	6.5	6.9	6.8	5.5
176°	4.2	5.0	5.9	6.5	6.8	6.8	5.5
176.5°	4.3	5.1	6.0	6.5	6.8	6.8	5.4
177°	4.4	5.1	6.0	6.6	6.8	6.7	5.3
177.5°	4.5	5.2	6.1	6.6	6.8	6.7	5.2
178°	4.5	5.3	6.1	6.6	6.8	6.6	5.1
178.5°	4.6	5.4	6.2	6.6	6.7	6.6	5.1
179°	4.7	5.4	6.2	6.6	6.7	6.5	5.0
179.5°	4.8	5.5	6.2	6.6	6.7	6.5	4.9



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

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
180°	4.8	4.8	4.8	4.8	4.8	4.8	4.8

(END OF REPORT)