

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: P1197194

Luminaire Tested: AWPS75S-BZ-LOW-5000K-POSITION 15

Issue Date: 10/29/2025

Test Information

Test Method: LM-79-2019
Report Number: P1197194
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-5000K-POSITION 15
Description: AWP Architectural
Light Source: 80 CRI, 5000K
Ballast/Driver: -

Summary

Lumens per Lamp: 10024 (1 lamp)
Luminaire Lumens: 8264.5 lumens
Efficiency: 82.4%
Efficacy: 149.4 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.4' x L: 0.56' x H: 0.69')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B2 - U2 - G2

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

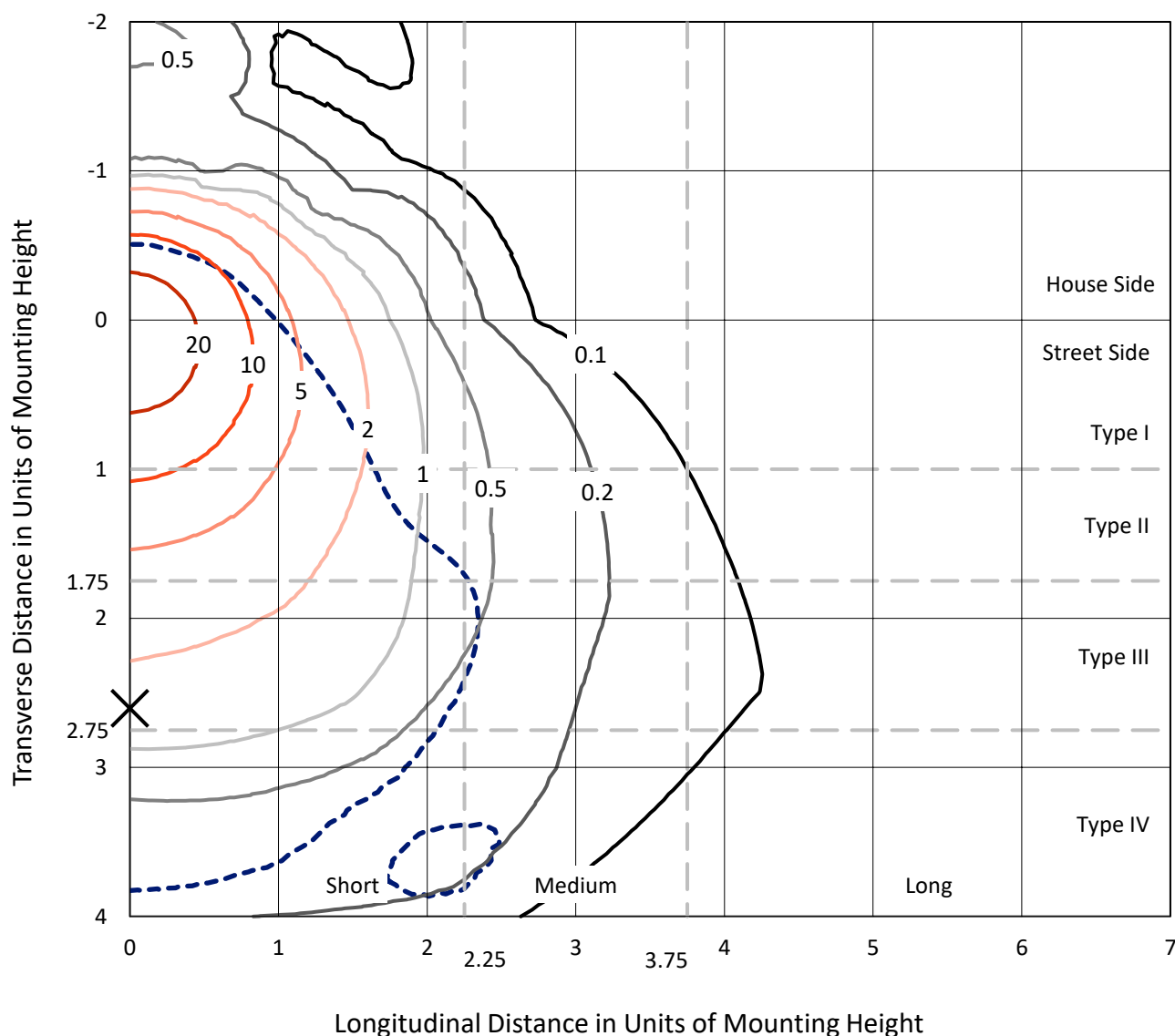
REPORT NUMBER: P1197194

CATALOG NUMBER: AWPS75S-BZ-LOW-5000K-POSITION 15

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

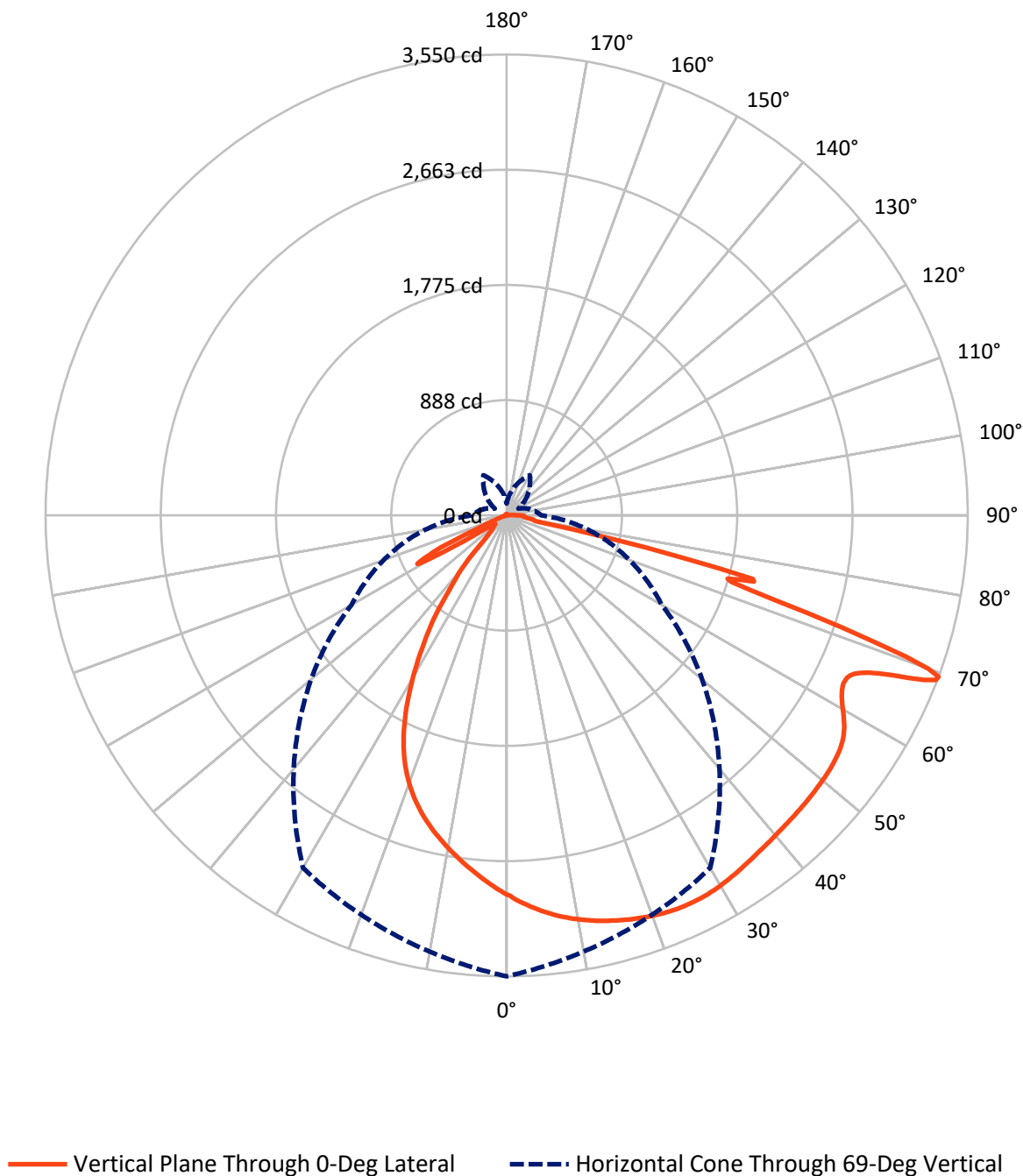


Based on 10 foot mounting height. Maximum calculated value = 30.4 fc
Type IV - Short - Semi-Cutoff

REPORT NUMBER: P1197194

CATALOG NUMBER: AWPS75S-BZ-LOW-5000K-POSITION 15

Luminous Intensity Polar Plot



REPORT NUMBER: P1197194

CATALOG NUMBER: AWPS75S-BZ-LOW-5000K-POSITION 15

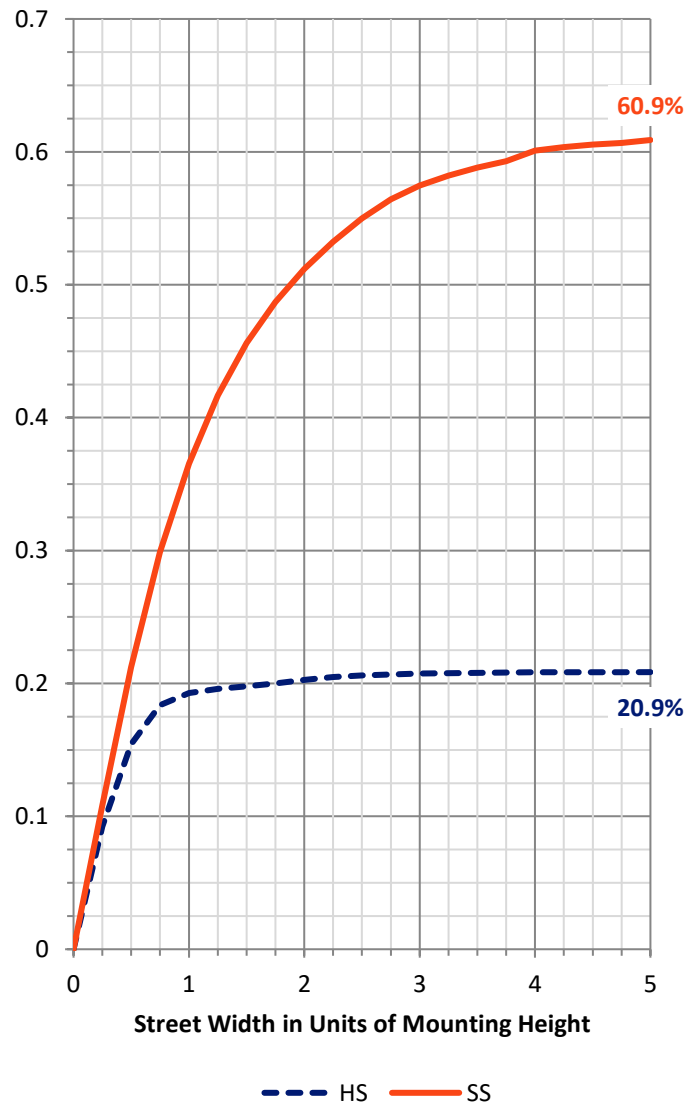
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2103.9	17.9	2121.7
	% Lamp	21.0	0.2	21.2
Street Side	Lumens	6119.7	23.1	6142.8
	% Lamp	61.1	0.2	61.3
Total	Lumens	8223.5	40.9	8264.5
	% Lamp	82.0	0.4	82.4

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	276.9	3.4	2.8
10°-20°	793.1	9.6	7.9
20°-30°	1192.4	14.4	11.9
30°-40°	1372.2	16.6	13.7
40°-50°	1324.2	16.0	13.2
50°-60°	1226.2	14.8	12.2
60°-70°	1157.1	14.0	11.5
70°-80°	739.8	9.0	7.4
80°-90°	141.5	1.7	1.4
90°-100°	17.1	0.2	0.2
100°-110°	2.6	0.0	0.0
110°-120°	3.2	0.0	0.0
120°-130°	3.9	0.0	0.0
130°-140°	4.1	0.0	0.0
140°-150°	3.9	0.0	0.0
150°-160°	3.2	0.0	0.0
160°-170°	2.2	0.0	0.0
170°-180°	0.8	0.0	0.0
0°-90°	8223.5	99.5	82.0
0°-180°	8264.5	100.0	82.4

Coefficient of Utilization



REPORT NUMBER: P1197194

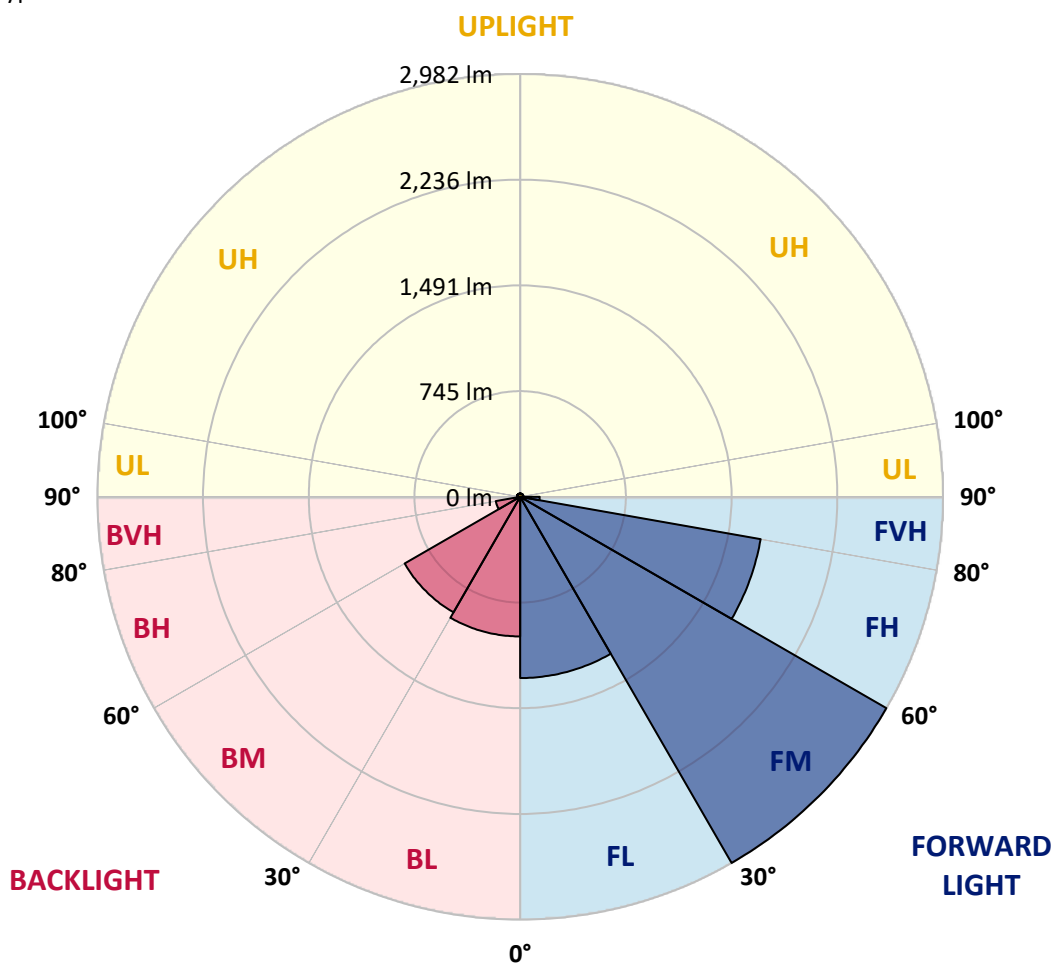
CATALOG NUMBER: AWPS75S-BZ-LOW-5000K-POSITION 15

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1277.8	12.7			
FM	(30°-60°)	2981.9	29.7			
FH	(60°-80°)	1722.2	17.2			G1/1800
FVH	(80°-90°)	137.7	1.4			G2/225
BL	(0°-30°)	984.7	9.8	B2/1000		
BM	(30°-60°)	940.7	9.4	B1/1000		
BH	(60°-80°)	174.7	1.7	B1/500		G1/500
BVH	(80°-90°)	3.8	0.0			G0/10
UL	(90°-100°)	17.1	0.2		U2/50	
UH	(100°-180°)	23.8	0.2		U2/50	
Trapped Light		1759.5	17.6			

BUG Rating: B2-U2-G2

Type IV Short



REPORT NUMBER: P1197194

CATALOG NUMBER: AWPS75S-BZ-LOW-5000K-POSITION 15

CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°
0°	2927.5	2927.5	2927.5	2927.5	2927.5	2927.5	2927.5
0.5°	2949.0	2948.7	2938.2	2926.5	2914.6	2901.7	2919.7
1°	2963.3	2960.8	2945.0	2926.0	2906.7	2888.7	2904.0
1.5°	2977.0	2972.6	2951.2	2924.9	2898.8	2875.0	2889.5
2°	2990.7	2983.8	2957.2	2923.8	2890.4	2862.0	2874.5
2.5°	3003.9	2995.1	2963.3	2922.4	2882.4	2848.2	2859.0
3°	3017.0	3006.8	2968.9	2920.5	2873.7	2834.6	2843.7
3.5°	3030.7	3017.1	2974.0	2918.7	2865.0	2820.9	2827.9
4°	3043.3	3027.4	2979.1	2916.6	2855.9	2806.7	2812.0
4.5°	3055.8	3037.8	2983.9	2914.4	2846.8	2792.4	2795.8
5°	3068.0	3048.1	2989.1	2911.5	2836.6	2777.8	2780.0
5.5°	3079.8	3057.7	2993.4	2908.4	2826.5	2764.0	2763.6
6°	3091.2	3067.0	2996.6	2904.7	2816.3	2749.8	2746.9
6.5°	3101.7	3075.7	3000.3	2900.5	2805.4	2734.0	2731.1
7°	3112.1	3084.2	3004.1	2896.3	2793.6	2719.6	2715.7
7.5°	3122.1	3092.2	3007.1	2891.5	2782.4	2704.3	2698.9
8°	3131.7	3100.0	3009.5	2886.3	2770.4	2689.8	2682.6
8.5°	3140.8	3106.7	3011.7	2881.1	2759.2	2674.5	2665.7
9°	3149.6	3113.9	3013.7	2875.6	2746.9	2659.0	2648.7
9.5°	3158.4	3121.3	3015.7	2869.5	2734.2	2643.4	2632.6
10°	3166.2	3127.4	3017.2	2863.1	2721.6	2627.9	2615.9
10.5°	3174.7	3133.8	3019.0	2856.7	2708.8	2612.3	2598.9
11°	3182.5	3139.3	3020.1	2849.6	2694.9	2595.3	2581.9
11.5°	3190.3	3144.5	3020.9	2843.2	2681.7	2578.9	2565.0
12°	3197.7	3149.9	3022.1	2836.1	2668.7	2562.9	2548.1
12.5°	3204.8	3154.5	3021.9	2828.6	2654.9	2546.8	2530.7
13°	3210.5	3159.1	3022.2	2821.4	2641.2	2529.4	2512.8
13.5°	3217.4	3163.8	3022.4	2813.8	2627.6	2512.1	2494.7
14°	3223.6	3167.8	3021.3	2806.3	2612.7	2495.1	2476.6
14.5°	3229.4	3171.2	3020.0	2797.7	2598.6	2477.4	2457.3
15°	3236.2	3175.2	3018.7	2789.7	2584.0	2459.6	2438.8
15.5°	3242.1	3178.9	3016.9	2780.9	2569.2	2441.7	2419.0
16°	3247.8	3182.3	3015.2	2771.4	2553.5	2422.7	2399.7
16.5°	3253.5	3185.0	3013.9	2762.2	2537.8	2403.6	2379.6
17°	3258.7	3187.9	3011.7	2752.5	2522.9	2384.8	2358.5
17.5°	3263.6	3191.2	3009.2	2742.3	2507.0	2364.8	2337.2
18°	3268.5	3193.6	3007.1	2732.1	2490.4	2345.7	2315.9
18.5°	3273.1	3195.9	3004.1	2721.8	2474.7	2325.6	2292.7
19°	3278.2	3198.1	3000.0	2710.9	2457.7	2304.7	2270.0
19.5°	3282.1	3200.2	2996.7	2699.8	2441.0	2283.1	2245.6
20°	3285.9	3201.8	2993.3	2688.3	2425.1	2261.2	2220.1
20.5°	3289.4	3203.5	2989.1	2676.4	2407.7	2239.7	2194.3
21°	3292.6	3204.9	2985.5	2664.6	2390.2	2216.5	2166.9
21.5°	3296.4	3205.7	2981.5	2652.2	2372.8	2192.6	2139.6
22°	3298.9	3206.9	2976.5	2640.1	2354.9	2167.5	2110.3

REPORT NUMBER: P1197194

CATALOG NUMBER: AWPS75S-BZ-LOW-5000K-POSITION 15

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
22.5°	3301.1	3208.0	2971.5	2627.8	2336.7	2141.9	2080.7
23°	3302.6	3208.8	2967.0	2614.9	2318.3	2115.7	2050.0
23.5°	3304.0	3208.8	2961.8	2601.5	2300.4	2088.0	2016.6
24°	3304.9	3208.6	2956.5	2587.8	2281.0	2059.7	1983.0
24.5°	3305.6	3208.7	2951.1	2573.6	2261.8	2030.3	1948.0
25°	3306.3	3207.3	2945.4	2559.5	2242.8	2000.6	1911.4
25.5°	3306.9	3206.4	2939.1	2545.4	2222.5	1969.6	1874.3
26°	3306.3	3204.7	2932.7	2530.5	2202.0	1936.5	1836.0
26.5°	3305.4	3202.7	2925.9	2515.3	2182.1	1902.6	1794.8
27°	3304.4	3200.4	2919.2	2500.0	2160.6	1868.6	1754.4
27.5°	3302.9	3197.9	2911.9	2484.7	2139.1	1833.1	1712.7
28°	3300.9	3194.4	2904.1	2468.7	2117.8	1796.9	1669.5
28.5°	3298.6	3191.5	2896.7	2452.2	2095.0	1758.1	1625.5
29°	3296.0	3187.5	2888.8	2436.1	2072.3	1718.5	1581.7
29.5°	3292.8	3183.3	2881.0	2419.0	2049.1	1679.1	1535.1
30°	3289.2	3178.5	2872.8	2401.6	2025.1	1639.1	1489.3
30.5°	3286.0	3174.6	2864.0	2384.9	2001.2	1596.5	1442.4
31°	3282.3	3169.9	2855.3	2366.8	1976.9	1554.5	1396.0
31.5°	3278.0	3163.7	2846.1	2348.1	1951.0	1511.5	1348.0
32°	3273.6	3158.3	2836.8	2329.3	1924.9	1466.4	1301.9
32.5°	3269.4	3151.7	2826.5	2310.5	1898.6	1421.1	1255.5
33°	3265.3	3145.2	2815.5	2290.7	1870.6	1376.5	1208.4
33.5°	3260.7	3139.1	2804.9	2271.5	1841.9	1331.2	1163.0
34°	3256.6	3131.8	2794.4	2251.6	1814.1	1285.8	1118.1
34.5°	3252.2	3124.6	2782.7	2231.5	1784.1	1241.0	1074.0
35°	3248.1	3117.7	2771.0	2210.8	1753.1	1195.1	1029.3
35.5°	3244.3	3109.9	2759.0	2190.2	1722.3	1149.3	986.0
36°	3240.2	3102.4	2746.9	2168.6	1690.9	1104.9	943.2
36.5°	3236.7	3095.4	2733.9	2147.3	1657.1	1061.0	889.7
37°	3233.9	3088.0	2721.4	2125.1	1623.7	1016.9	829.0
37.5°	3230.6	3081.0	2708.7	2103.2	1589.9	975.5	775.1
38°	3227.6	3073.5	2695.4	2080.6	1553.8	933.6	728.2
38.5°	3224.5	3065.9	2681.5	2058.1	1517.9	892.1	685.8
39°	3221.4	3058.3	2667.9	2034.3	1481.5	851.9	649.3
39.5°	3218.2	3051.2	2654.0	2011.8	1443.4	814.4	616.5
40°	3215.8	3044.3	2639.6	1987.5	1403.8	773.0	585.6
40.5°	3214.0	3037.0	2625.5	1963.5	1366.1	724.7	549.3
41°	3210.9	3030.5	2610.7	1939.7	1326.9	672.9	500.9
41.5°	3208.6	3023.3	2595.8	1915.2	1285.8	625.6	440.5
42°	3206.9	3016.9	2580.7	1889.4	1245.3	585.4	370.8
42.5°	3204.6	3009.9	2565.2	1864.4	1205.1	551.5	306.8
43°	3202.6	3003.0	2549.7	1838.5	1164.8	519.8	256.2
43.5°	3200.7	2996.3	2533.8	1813.6	1126.8	484.7	221.2
44°	3198.2	2990.0	2517.6	1787.3	1087.2	443.3	206.2
44.5°	3196.4	2983.8	2501.3	1761.5	1047.8	391.0	192.2

REPORT NUMBER: P1197194

CATALOG NUMBER: AWPS75S-BZ-LOW-5000K-POSITION 15

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
45°	3194.9	2977.7	2485.2	1735.4	1008.6	331.9	178.3
45.5°	3193.5	2971.5	2468.5	1708.9	970.1	275.8	164.3
46°	3191.4	2965.4	2451.8	1682.6	930.1	228.3	156.8
46.5°	3189.5	2959.6	2435.5	1656.1	892.2	212.3	151.7
47°	3187.2	2952.9	2419.0	1627.4	853.6	196.5	148.3
47.5°	3184.3	2946.5	2401.5	1600.6	810.2	180.7	146.0
48°	3181.9	2940.3	2384.4	1573.3	769.3	164.9	144.3
48.5°	3179.6	2934.3	2366.3	1544.7	730.2	159.5	142.9
49°	3177.3	2928.4	2348.3	1516.2	692.8	155.7	141.3
49.5°	3175.5	2923.6	2330.5	1487.9	658.6	152.6	138.7
50°	3172.8	2918.0	2312.5	1458.1	626.4	150.1	134.6
50.5°	3170.6	2913.4	2294.4	1430.0	594.2	148.0	129.1
51°	3166.9	2908.6	2275.0	1401.8	562.1	146.3	123.3
51.5°	3163.8	2903.4	2255.6	1372.6	532.2	145.2	118.7
52°	3160.0	2898.1	2236.1	1342.3	492.0	144.5	112.9
52.5°	3156.2	2893.5	2216.6	1313.0	451.8	144.0	110.3
53°	3151.6	2888.2	2196.2	1281.4	411.6	143.6	109.9
53.5°	3146.1	2883.4	2175.9	1251.2	371.4	143.0	110.3
54°	3140.6	2879.5	2154.8	1219.6	331.4	141.9	111.3
54.5°	3133.8	2875.3	2132.8	1188.4	296.3	140.3	113.3
55°	3126.9	2871.2	2109.9	1157.2	267.6	138.8	117.5
55.5°	3117.8	2868.3	2086.6	1125.1	245.1	137.3	127.3
56°	3107.9	2863.7	2062.8	1093.6	226.9	133.6	142.5
56.5°	3095.9	2858.8	2040.7	1062.8	210.1	131.8	152.8
57°	3081.2	2854.0	2014.8	1031.2	195.1	130.7	158.0
57.5°	3065.1	2849.4	1989.1	999.5	184.4	129.4	165.5
58°	3047.2	2843.2	1963.3	967.2	177.2	127.3	183.9
58.5°	3029.1	2837.4	1937.4	934.8	171.6	123.5	219.8
59°	3009.9	2830.7	1908.7	899.5	167.3	117.7	279.0
59.5°	2989.9	2822.7	1882.9	865.9	163.9	112.8	374.5
60°	2971.1	2814.7	1856.5	832.8	160.3	107.5	471.5
60.5°	2952.6	2805.8	1830.2	797.4	156.5	101.1	568.5
61°	2936.5	2797.3	1804.8	762.4	152.4	95.1	665.5
61.5°	2922.9	2788.2	1778.0	727.6	148.3	90.2	762.6
62°	2911.1	2779.9	1748.0	692.2	144.5	86.2	782.8
62.5°	2903.0	2770.7	1718.5	655.2	141.0	82.4	757.3
63°	2899.0	2762.0	1688.3	620.5	137.6	80.4	711.8
63.5°	2899.1	2753.6	1658.8	584.9	134.2	80.4	667.4
64°	2904.3	2744.6	1631.0	547.3	131.1	82.5	622.4
64.5°	2918.1	2735.6	1604.3	509.9	128.1	87.5	562.6
65°	2941.7	2730.8	1578.0	473.2	125.1	97.6	467.9
65.5°	2980.7	2735.2	1552.4	436.0	122.3	121.1	358.6
66°	3039.2	2752.1	1526.9	402.9	120.0	160.4	268.3
66.5°	3115.8	2779.5	1502.0	374.7	117.7	206.6	200.4
67°	3216.7	2824.8	1477.5	352.5	115.3	254.0	174.0

REPORT NUMBER: P1197194

CATALOG NUMBER: AWPS75S-BZ-LOW-5000K-POSITION 15

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
67.5°	3339.7	2887.6	1454.0	334.9	112.9	301.3	149.7
68°	3456.8	2964.4	1429.2	314.5	110.5	343.3	125.4
68.5°	3538.5	3044.2	1404.0	288.1	107.6	362.1	100.7
69°	3550.0	3134.8	1379.1	266.6	104.0	357.2	90.6
69.5°	3459.7	3214.9	1352.6	250.7	99.4	344.5	82.6
70°	3261.7	3254.6	1327.2	241.0	94.5	327.8	74.9
70.5°	3001.4	3232.9	1303.2	233.6	89.6	310.9	67.6
71°	2722.6	3143.8	1279.5	225.8	84.7	291.8	61.0
71.5°	2432.9	2981.0	1256.7	218.0	80.2	271.4	55.3
72°	2164.0	2754.6	1236.2	210.3	76.1	251.2	50.0
72.5°	1960.4	2498.5	1217.0	202.5	71.8	230.7	45.1
73°	1802.9	2256.0	1198.3	194.2	66.3	211.0	40.5
73.5°	1770.1	2033.1	1181.6	185.8	60.7	190.8	36.0
74°	1851.3	1847.6	1167.0	177.7	56.4	171.1	31.8
74.5°	1971.3	1695.0	1155.1	169.5	52.4	150.0	27.9
75°	1957.6	1637.7	1145.8	160.9	48.2	128.0	24.2
75.5°	1677.9	1685.9	1139.3	151.8	44.7	105.0	20.3
76°	1390.8	1810.3	1140.5	141.8	41.7	83.2	16.9
76.5°	1103.3	1909.4	1152.9	130.5	39.1	65.5	13.6
77°	813.8	1884.3	1176.7	118.1	36.6	52.3	11.4
77.5°	521.1	1680.0	1207.3	105.5	33.4	33.9	10.3
78°	228.9	1323.2	1239.9	93.0	29.5	13.0	9.3
78.5°	217.1	915.8	1269.1	82.0	26.0	5.1	8.3
79°	212.7	571.4	1281.8	71.8	23.2	3.7	7.5
79.5°	212.6	349.4	1281.5	63.3	20.0	3.5	6.7
80°	210.3	231.9	1267.0	56.3	16.6	3.5	6.1
80.5°	207.4	212.7	1235.1	50.6	13.7	3.7	5.7
81°	196.1	197.8	1182.3	45.4	11.5	3.8	5.3
81.5°	180.4	182.7	1113.6	40.9	9.6	4.0	4.9
82°	165.6	167.2	1024.1	36.6	8.0	4.1	4.6
82.5°	158.1	162.5	916.6	32.8	6.5	4.0	4.2
83°	151.8	155.9	803.8	29.4	5.0	4.0	4.0
83.5°	143.0	144.5	690.3	26.1	3.7	4.0	3.8
84°	137.0	130.8	609.6	23.2	2.8	4.0	3.6
84.5°	135.9	119.5	529.0	20.5	2.2	4.0	3.5
85°	136.6	109.6	448.3	17.9	2.1	4.0	3.4
85.5°	137.0	100.3	367.7	15.6	2.0	3.9	3.4
86°	136.5	91.3	287.9	13.5	1.9	3.8	3.3
86.5°	135.6	84.6	237.4	11.6	1.9	3.7	3.3
87°	134.6	80.6	196.7	9.8	1.8	3.6	3.3
87.5°	132.9	78.5	166.7	8.3	1.8	3.5	3.3
88°	129.7	78.3	147.3	6.8	1.7	3.3	3.3
88.5°	123.6	79.3	136.0	5.3	1.7	3.2	3.3
89°	113.5	80.8	127.2	4.2	1.6	3.0	3.3
89.5°	100.1	82.4	118.1	3.1	1.6	2.9	3.3

REPORT NUMBER: P1197194

CATALOG NUMBER: AWPS75S-BZ-LOW-5000K-POSITION 15

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
90°	85.9	83.2	107.8	2.4	1.6	2.7	3.3
90.5°	72.6	82.7	97.9	2.1	1.6	2.6	3.3
91°	61.8	80.9	86.1	2.0	1.6	2.5	3.4
91.5°	53.7	77.6	74.2	1.9	1.6	2.4	3.5
92°	48.3	73.3	66.9	1.9	1.6	2.3	3.6
92.5°	45.1	68.2	60.5	1.8	1.6	2.4	3.6
93°	42.6	62.4	51.5	1.7	1.6	2.3	3.7
93.5°	40.6	55.2	39.9	1.7	1.6	2.3	3.8
94°	39.5	46.5	30.1	1.6	1.6	2.4	3.8
94.5°	38.5	37.8	20.3	1.6	1.6	2.4	3.9
95°	36.8	29.5	15.4	1.6	1.7	2.4	3.9
95.5°	34.0	22.1	11.9	1.5	1.7	2.4	4.0
96°	30.4	15.6	9.0	1.5	1.7	2.4	4.1
96.5°	26.5	10.0	8.2	1.5	1.8	2.4	4.2
97°	22.6	5.8	7.5	1.5	1.8	2.5	4.3
97.5°	17.4	2.9	6.8	1.5	1.9	2.6	4.4
98°	11.7	1.9	6.1	1.5	1.9	2.6	4.5
98.5°	5.8	1.4	5.5	1.5	2.0	2.7	4.6
99°	2.1	1.2	4.9	1.5	2.0	2.8	4.7
99.5°	1.6	1.1	4.3	1.5	2.1	2.9	4.8
100°	1.3	1.0	3.8	1.5	2.2	2.9	4.9
100.5°	1.1	0.9	3.3	1.5	2.3	3.0	5.0
101°	1.1	0.9	3.0	1.6	2.3	3.1	5.1
101.5°	1.1	0.8	2.7	1.6	2.4	3.2	5.1
102°	1.1	0.8	2.4	1.6	2.5	3.3	5.3
102.5°	1.0	0.8	2.2	1.7	2.5	3.4	5.4
103°	1.0	0.8	2.0	1.7	2.6	3.5	5.5
103.5°	0.9	0.8	1.8	1.8	2.7	3.6	5.6
104°	0.8	0.8	1.6	1.8	2.8	3.7	5.7
104.5°	0.8	0.8	1.5	1.9	2.9	3.8	5.8
105°	0.7	0.7	1.4	1.9	3.0	3.9	5.9
105.5°	0.7	0.7	1.3	2.0	3.1	4.0	6.0
106°	0.7	0.7	1.2	2.1	3.2	4.1	6.1
106.5°	0.6	0.7	1.1	2.1	3.3	4.2	6.1
107°	0.6	0.7	1.1	2.2	3.3	4.3	6.2
107.5°	0.6	0.7	1.0	2.2	3.4	4.4	6.3
108°	0.5	0.6	0.9	2.2	3.5	4.5	6.4
108.5°	0.5	0.6	0.9	2.3	3.6	4.6	6.5
109°	0.5	0.6	0.9	2.4	3.7	4.7	6.6
109.5°	0.5	0.6	0.9	2.4	3.8	4.8	6.7
110°	0.5	0.5	1.0	2.5	3.9	4.9	6.8
110.5°	0.5	0.5	1.0	2.5	4.0	5.0	6.9
111°	0.5	0.5	1.0	2.6	4.1	5.1	6.9
111.5°	0.5	0.5	1.0	2.7	4.2	5.1	7.0
112°	0.5	0.5	1.0	2.7	4.3	5.2	7.1

REPORT NUMBER: P1197194

CATALOG NUMBER: AWPS75S-BZ-LOW-5000K-POSITION 15

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
112.5°	0.5	0.5	1.0	2.8	4.3	5.3	7.2
113°	0.5	0.5	1.1	2.8	4.4	5.4	7.2
113.5°	0.5	0.5	1.1	2.9	4.5	5.5	7.3
114°	0.5	0.5	1.1	2.9	4.6	5.6	7.4
114.5°	0.5	0.5	1.2	3.0	4.7	5.7	7.5
115°	0.5	0.5	1.2	3.1	4.8	5.8	7.5
115.5°	0.5	0.5	1.3	3.1	4.9	5.9	7.6
116°	0.5	0.5	1.3	3.2	5.0	6.0	7.7
116.5°	0.5	0.6	1.4	3.2	5.1	6.1	7.7
117°	0.6	0.6	1.4	3.3	5.2	6.2	7.8
117.5°	0.6	0.6	1.5	3.3	5.3	6.3	7.9
118°	0.6	0.7	1.5	3.4	5.4	6.3	7.9
118.5°	0.6	0.7	1.6	3.4	5.4	6.4	7.9
119°	0.6	0.7	1.6	3.5	5.5	6.5	8.0
119.5°	0.7	0.8	1.7	3.5	5.6	6.6	8.0
120°	0.7	0.8	1.7	3.6	5.7	6.7	8.1
120.5°	0.7	0.8	1.8	3.6	5.7	6.7	8.2
121°	0.7	0.9	1.8	3.7	5.8	6.8	8.2
121.5°	0.8	0.9	1.9	3.7	5.9	6.9	8.3
122°	0.8	0.9	1.9	3.8	6.0	6.9	8.3
122.5°	0.8	1.0	2.0	3.8	6.0	7.0	8.4
123°	0.8	1.0	2.1	3.9	6.1	7.0	8.4
123.5°	0.9	1.0	2.1	3.9	6.2	7.1	8.4
124°	0.9	1.1	2.2	4.0	6.2	7.2	8.4
124.5°	0.9	1.1	2.2	4.0	6.3	7.2	8.4
125°	0.9	1.2	2.3	4.1	6.4	7.3	8.5
125.5°	1.0	1.2	2.3	4.1	6.4	7.3	8.5
126°	1.0	1.3	2.4	4.2	6.5	7.4	8.5
126.5°	1.0	1.3	2.4	4.2	6.5	7.4	8.5
127°	1.1	1.4	2.5	4.3	6.6	7.5	8.5
127.5°	1.1	1.4	2.5	4.4	6.7	7.5	8.5
128°	1.2	1.5	2.6	4.4	6.7	7.6	8.5
128.5°	1.2	1.5	2.7	4.5	6.8	7.6	8.5
129°	1.2	1.6	2.7	4.5	6.8	7.7	8.5
129.5°	1.3	1.6	2.8	4.6	6.8	7.7	8.6
130°	1.3	1.7	2.8	4.6	6.9	7.8	8.6
130.5°	1.3	1.7	2.9	4.7	6.9	7.8	8.6
131°	1.4	1.8	3.0	4.7	7.0	7.9	8.6
131.5°	1.4	1.8	3.0	4.8	7.0	7.9	8.6
132°	1.5	1.9	3.1	4.9	7.1	8.0	8.6
132.5°	1.5	1.9	3.1	4.9	7.1	8.0	8.7
133°	1.6	2.0	3.2	5.0	7.1	8.1	8.7
133.5°	1.6	2.0	3.3	5.0	7.2	8.1	8.7
134°	1.6	2.1	3.3	5.1	7.2	8.2	8.8
134.5°	1.7	2.2	3.4	5.2	7.3	8.2	8.8

REPORT NUMBER: P1197194

CATALOG NUMBER: AWPS75S-BZ-LOW-5000K-POSITION 15

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
135°	1.7	2.2	3.5	5.2	7.3	8.3	8.8
135.5°	1.8	2.2	3.5	5.3	7.3	8.3	8.9
136°	1.8	2.3	3.6	5.3	7.4	8.4	8.9
136.5°	1.9	2.4	3.7	5.4	7.4	8.4	9.0
137°	1.9	2.4	3.7	5.4	7.4	8.4	9.0
137.5°	2.0	2.5	3.8	5.5	7.5	8.5	9.1
138°	2.1	2.6	3.8	5.6	7.5	8.5	9.1
138.5°	2.1	2.6	3.9	5.6	7.5	8.5	9.1
139°	2.2	2.7	4.0	5.7	7.6	8.6	9.2
139.5°	2.2	2.8	4.0	5.7	7.6	8.6	9.2
140°	2.3	2.8	4.1	5.8	7.6	8.6	9.2
140.5°	2.3	2.9	4.2	5.8	7.7	8.6	9.2
141°	2.4	3.0	4.2	5.9	7.7	8.7	9.2
141.5°	2.4	3.1	4.3	5.9	7.7	8.7	9.2
142°	2.5	3.1	4.3	6.0	7.7	8.7	9.2
142.5°	2.6	3.2	4.4	6.0	7.8	8.7	9.2
143°	2.6	3.3	4.5	6.1	7.8	8.7	9.2
143.5°	2.7	3.3	4.5	6.1	7.8	8.7	9.2
144°	2.8	3.4	4.6	6.2	7.8	8.7	9.2
144.5°	2.8	3.5	4.7	6.2	7.9	8.7	9.2
145°	2.9	3.5	4.7	6.3	7.9	8.7	9.2
145.5°	2.9	3.6	4.8	6.3	7.9	8.7	9.2
146°	3.0	3.7	4.9	6.4	7.9	8.7	9.2
146.5°	3.1	3.7	4.9	6.4	8.0	8.7	9.2
147°	3.1	3.8	5.0	6.4	8.0	8.7	9.2
147.5°	3.2	3.8	5.0	6.5	8.0	8.7	9.2
148°	3.3	3.9	5.1	6.5	8.0	8.7	9.2
148.5°	3.3	4.0	5.2	6.6	8.1	8.7	9.2
149°	3.4	4.0	5.2	6.6	8.1	8.7	9.2
149.5°	3.4	4.1	5.3	6.7	8.1	8.8	9.2
150°	3.5	4.2	5.3	6.7	8.1	8.8	9.2
150.5°	3.6	4.2	5.4	6.8	8.2	8.8	9.2
151°	3.6	4.3	5.5	6.9	8.2	8.8	9.2
151.5°	3.7	4.3	5.5	6.9	8.2	8.8	9.2
152°	3.8	4.4	5.6	7.0	8.3	8.8	9.2
152.5°	3.8	4.5	5.7	7.0	8.3	8.9	9.2
153°	3.9	4.5	5.7	7.1	8.4	8.9	9.2
153.5°	3.9	4.6	5.8	7.1	8.4	8.9	9.2
154°	4.0	4.7	5.9	7.2	8.4	8.9	9.2
154.5°	4.1	4.7	5.9	7.2	8.5	9.0	9.1
155°	4.1	4.8	6.0	7.3	8.5	9.0	9.1
155.5°	4.2	4.9	6.1	7.3	8.5	9.0	9.1
156°	4.3	4.9	6.1	7.4	8.5	9.0	9.1
156.5°	4.4	5.0	6.2	7.4	8.6	9.0	9.1
157°	4.4	5.1	6.2	7.5	8.6	9.0	9.1

REPORT NUMBER: P1197194

CATALOG NUMBER: AWPS75S-BZ-LOW-5000K-POSITION 15

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1197194
CATALOG NUMBER: AWPS75S-BZ-LOW-5000K-POSITION 15

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
180°	7.9	7.9	7.9	7.9	7.9	7.9	7.9

(END OF REPORT)