

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: P1197204

Luminaire Tested: AWPS75S-BZ-MID-5000K-POSITION 30

Issue Date: 10/29/2025

Test Information

Test Method: LM-79-2019
Report Number: P1197204
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-5000K-POSITION 30
Description: AWP Architectural
Light Source: 80 CRI, 5000K
Ballast/Driver: -

Summary

Lumens per Lamp: 9923 (1 lamp)
Luminaire Lumens: 9593.7 lumens
Efficiency: 96.7%
Efficacy: 144.7 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): 66.3
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

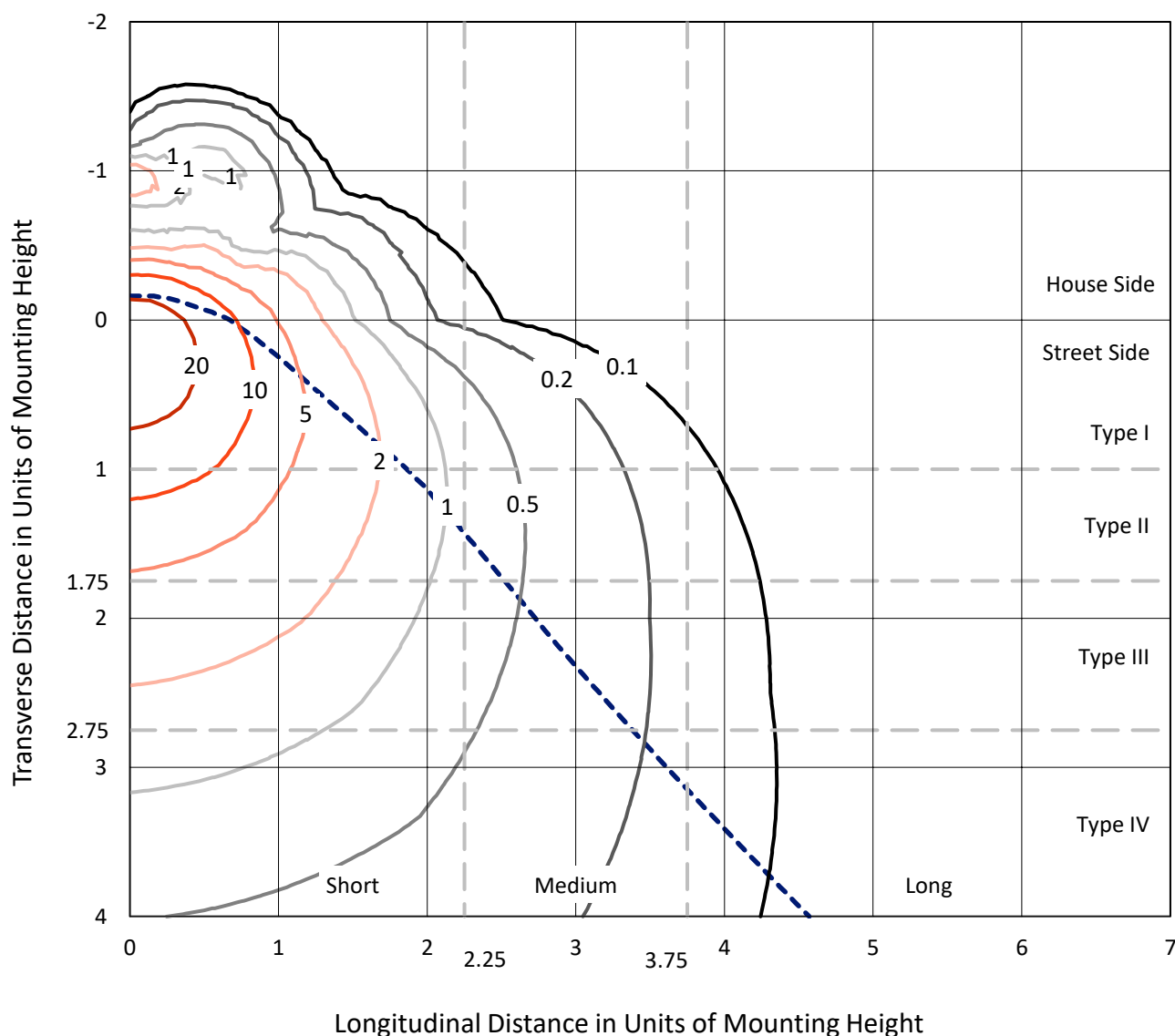
REPORT NUMBER: P1197204

CATALOG NUMBER: AWPS75S-BZ-MID-5000K-POSITION 30

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

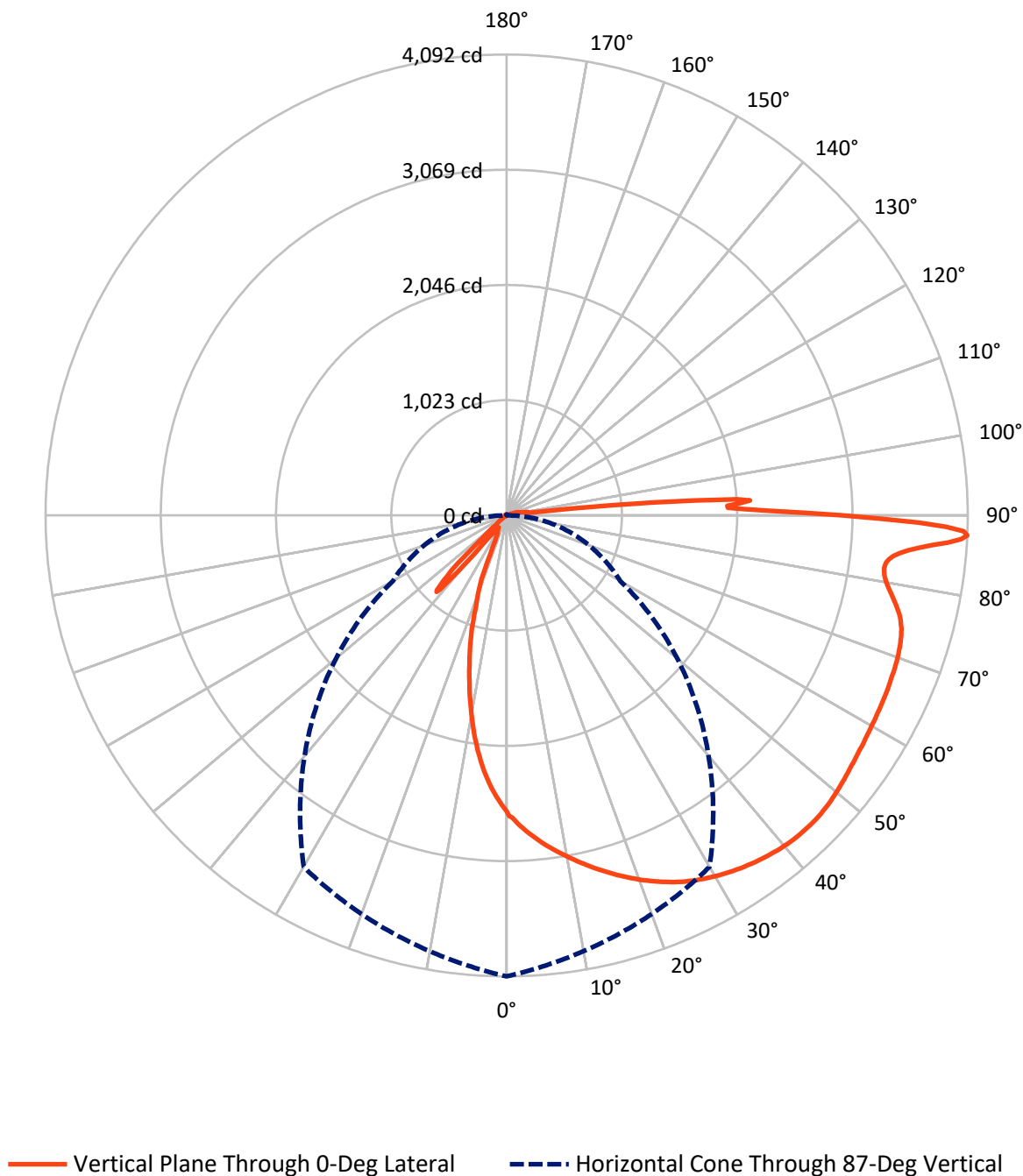


Based on 10 foot mounting height. Maximum calculated value = 29.6 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P1197204

CATALOG NUMBER: AWPS75S-BZ-MID-5000K-POSITION 30

Luminous Intensity Polar Plot



REPORT NUMBER: P1197204

CATALOG NUMBER: AWPS75S-BZ-MID-5000K-POSITION 30

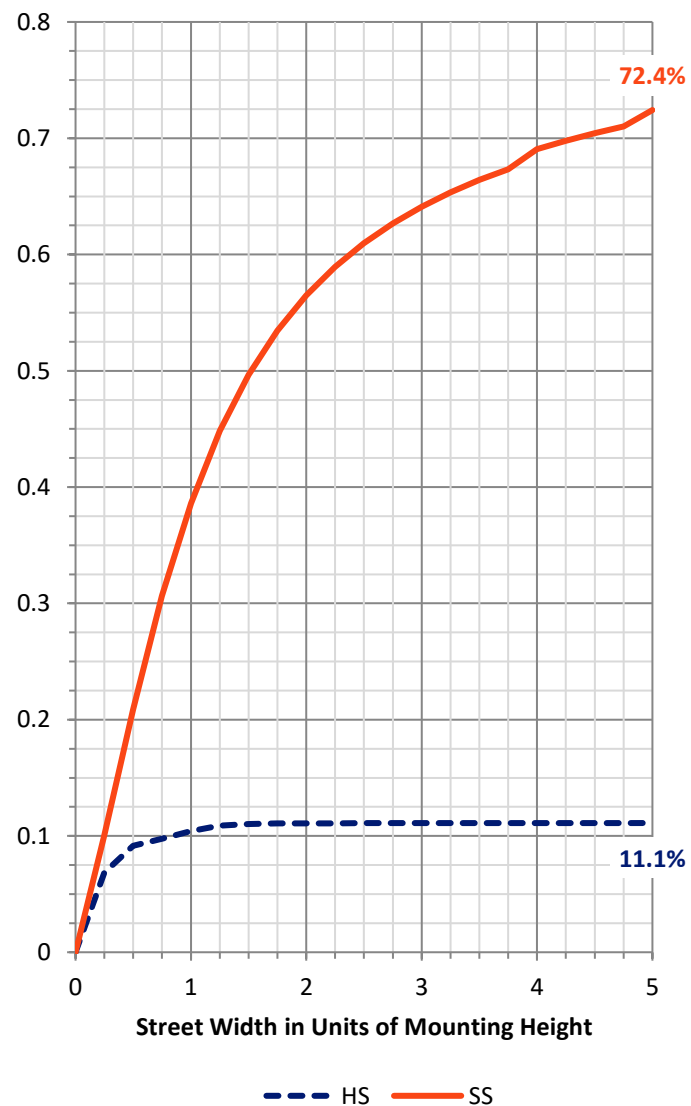
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1118.1	23.5	1141.7
	% Lamp	11.3	0.2	11.5
Street Side	Lumens	8055.2	396.9	8452.1
	% Lamp	81.2	4.0	85.2
Total	Lumens	9173.3	420.4	9593.7
	% Lamp	92.4	4.2	96.7

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	248.9	2.6	2.5
10°-20°	675.6	7.0	6.8
20°-30°	950.8	9.9	9.6
30°-40°	1145.0	11.9	11.5
40°-50°	1308.0	13.6	13.2
50°-60°	1317.7	13.7	13.3
60°-70°	1230.3	12.8	12.4
70°-80°	1166.1	12.2	11.8
80°-90°	1131.0	11.8	11.4
90°-100°	369.8	3.9	3.7
100°-110°	27.5	0.3	0.3
110°-120°	5.2	0.1	0.1
120°-130°	4.3	0.0	0.0
130°-140°	4.1	0.0	0.0
140°-150°	3.7	0.0	0.0
150°-160°	3.0	0.0	0.0
160°-170°	2.0	0.0	0.0
170°-180°	0.7	0.0	0.0
0°-90°	9173.3	95.6	92.4
0°-180°	9593.7	100.0	96.7

Coefficient of Utilization



REPORT NUMBER: P1197204

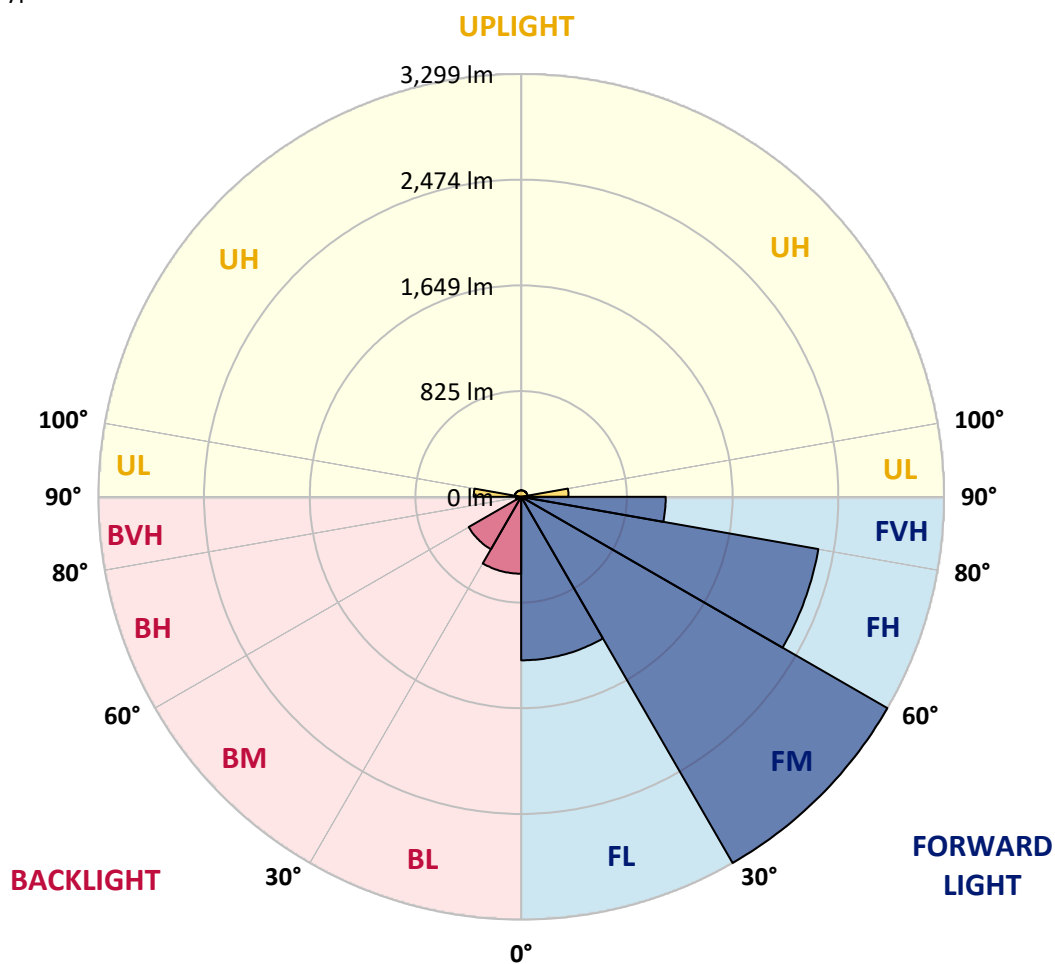
CATALOG NUMBER: AWPS75S-BZ-MID-5000K-POSITION 30

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1275.4	12.9			
FM	(30°-60°)	3298.5	33.2			
FH	(60°-80°)	2354.1	23.7			G2/5000
FVH	(80°-90°)	1127.2	11.4			G5
BL	(0°-30°)	599.9	6.0	B2/1000		
BM	(30°-60°)	472.2	4.8	B1/1000		
BH	(60°-80°)	42.3	0.4	B0/110		G0/110
BVH	(80°-90°)	3.8	0.0			G0/10
UL	(90°-100°)	369.8	3.7		U3/500	
UH	(100°-180°)	50.6	0.5		U3/500	
Trapped Light		329.3	3.3			

BUG Rating: B2-U3-G5

Type IV Short



REPORT NUMBER: P1197204

CATALOG NUMBER: AWPS75S-BZ-MID-5000K-POSITION 30

CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°
0°	2671.5	2671.5	2671.5	2671.5	2671.5	2671.5	2671.5
0.5°	2681.3	2697.6	2694.1	2684.2	2663.5	2634.9	2625.1
1°	2707.3	2719.6	2706.5	2684.0	2650.1	2609.9	2596.5
1.5°	2732.2	2742.0	2718.2	2682.9	2635.3	2584.6	2566.5
2°	2757.4	2763.0	2731.0	2682.7	2620.6	2557.9	2534.5
2.5°	2781.6	2783.4	2742.8	2680.7	2605.2	2529.5	2502.4
3°	2804.9	2803.1	2753.2	2677.7	2588.7	2500.7	2468.4
3.5°	2827.7	2822.4	2764.1	2675.9	2571.6	2470.8	2433.9
4°	2849.7	2841.1	2774.5	2673.5	2554.7	2439.2	2397.0
4.5°	2871.4	2859.3	2783.0	2669.9	2536.6	2408.3	2358.2
5°	2893.7	2877.4	2792.1	2667.0	2517.5	2375.2	2320.1
5.5°	2914.6	2894.9	2801.0	2663.3	2499.0	2339.1	2278.3
6°	2935.1	2912.2	2808.8	2659.0	2479.1	2304.9	2235.8
6.5°	2955.6	2928.6	2817.1	2654.7	2458.6	2268.5	2192.7
7°	2975.9	2945.4	2825.0	2649.6	2438.0	2229.9	2147.9
7.5°	2995.5	2961.2	2831.1	2644.4	2417.0	2190.6	2100.2
8°	3015.4	2977.3	2838.1	2639.3	2394.2	2151.2	2052.1
8.5°	3034.7	2993.3	2844.8	2633.4	2371.8	2109.1	2003.2
9°	3053.9	3008.5	2850.7	2627.4	2349.1	2066.0	1953.9
9.5°	3074.4	3023.3	2856.1	2621.0	2325.2	2022.8	1902.3
10°	3093.2	3039.1	2861.7	2613.9	2298.9	1978.1	1849.8
10.5°	3112.2	3054.6	2866.4	2607.4	2274.7	1932.2	1796.0
11°	3131.6	3069.0	2871.3	2600.1	2247.6	1886.6	1741.2
11.5°	3150.2	3082.7	2876.0	2592.2	2221.3	1839.9	1688.6
12°	3169.5	3097.1	2880.7	2584.8	2194.5	1792.1	1635.0
12.5°	3187.7	3112.5	2884.3	2576.3	2166.4	1743.1	1578.4
13°	3206.8	3125.9	2888.5	2567.7	2137.0	1694.2	1524.3
13.5°	3226.0	3139.8	2891.6	2559.6	2109.5	1643.4	1471.3
14°	3244.5	3154.3	2894.8	2549.9	2078.1	1594.8	1416.2
14.5°	3263.2	3167.3	2898.2	2540.3	2046.1	1543.8	1362.1
15°	3281.2	3181.5	2900.6	2531.2	2016.3	1495.7	1311.0
15.5°	3299.4	3194.5	2903.0	2520.4	1983.6	1445.0	1259.0
16°	3317.9	3208.5	2905.5	2510.6	1949.5	1395.4	1208.7
16.5°	3335.8	3221.7	2907.8	2501.0	1917.5	1347.6	1157.6
17°	3353.2	3234.9	2909.8	2488.8	1884.1	1299.9	1109.3
17.5°	3371.3	3248.1	2911.5	2476.9	1848.8	1251.5	1054.5
18°	3388.6	3261.0	2913.4	2466.8	1814.3	1206.3	989.0
18.5°	3406.1	3273.1	2914.7	2454.6	1779.2	1159.1	924.5
19°	3423.3	3286.1	2915.6	2441.5	1741.6	1113.1	867.5
19.5°	3440.6	3298.4	2916.4	2430.5	1705.4	1068.5	817.0
20°	3456.6	3310.2	2917.2	2417.3	1669.5	1023.4	773.4
20.5°	3472.5	3322.5	2917.3	2404.1	1630.6	971.6	733.3
21°	3487.9	3334.2	2918.3	2390.8	1591.3	911.7	698.2
21.5°	3503.7	3345.6	2918.9	2376.5	1553.9	854.7	657.1
22°	3518.6	3356.9	2918.2	2361.9	1514.6	803.3	604.3

REPORT NUMBER: P1197204

CATALOG NUMBER: AWPS75S-BZ-MID-5000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
22.5°	3533.9	3367.8	2918.2	2347.8	1475.4	759.0	535.4
23°	3548.6	3377.5	2917.2	2332.6	1438.2	719.4	457.8
23.5°	3563.0	3388.8	2916.4	2317.4	1398.2	683.8	379.7
24°	3576.6	3398.5	2915.7	2302.4	1358.8	649.3	316.7
24.5°	3590.8	3408.3	2915.5	2286.2	1321.7	612.4	269.3
25°	3603.1	3418.2	2914.0	2270.3	1282.4	563.5	250.1
25.5°	3615.6	3427.3	2912.3	2253.7	1241.9	503.7	231.8
26°	3627.8	3436.7	2910.5	2236.5	1203.2	434.0	213.4
26.5°	3639.0	3446.0	2908.5	2220.3	1165.5	363.8	195.1
27°	3649.9	3453.8	2906.3	2202.9	1126.3	304.1	185.7
27.5°	3660.5	3462.3	2904.6	2184.3	1089.3	258.0	178.9
28°	3670.7	3469.8	2902.2	2166.6	1053.3	238.4	174.3
28.5°	3680.0	3476.8	2898.9	2148.1	1016.6	219.9	171.0
29°	3690.0	3484.6	2895.6	2128.9	982.5	201.5	168.5
29.5°	3699.4	3490.3	2892.5	2109.7	948.4	183.0	166.4
30°	3708.9	3496.8	2889.5	2090.6	914.2	175.2	164.5
30.5°	3717.5	3502.6	2885.5	2070.0	880.1	169.3	162.1
31°	3725.9	3508.2	2881.8	2049.9	848.1	165.3	158.1
31.5°	3733.8	3513.3	2878.0	2030.1	816.5	163.1	152.3
32°	3741.4	3517.9	2873.5	2008.3	784.9	162.3	145.6
32.5°	3749.4	3522.1	2868.7	1988.1	755.9	162.4	140.0
33°	3756.7	3526.4	2864.1	1965.9	726.7	163.2	134.9
33.5°	3763.8	3530.6	2859.2	1944.0	693.1	163.9	129.9
34°	3770.4	3534.2	2853.4	1921.7	660.8	164.8	128.9
34.5°	3777.7	3537.8	2848.0	1898.3	628.3	165.8	129.7
35°	3783.9	3541.3	2842.2	1875.1	595.3	167.0	131.0
35.5°	3790.2	3544.0	2835.3	1852.0	559.3	168.0	133.3
36°	3796.2	3546.1	2829.1	1827.9	523.2	168.7	137.8
36.5°	3802.1	3549.2	2822.5	1803.9	487.1	168.6	147.0
37°	3807.8	3551.7	2815.4	1779.2	451.0	167.1	165.2
37.5°	3812.8	3554.0	2808.5	1753.9	414.2	161.2	185.6
38°	3818.0	3556.2	2801.3	1729.4	365.8	155.0	197.9
38.5°	3823.0	3558.1	2793.6	1703.6	320.3	148.4	207.6
39°	3828.0	3559.9	2785.6	1677.9	283.4	141.3	226.3
39.5°	3831.2	3561.0	2777.5	1653.1	252.9	134.9	265.1
40°	3835.5	3562.2	2768.9	1626.9	231.6	129.0	329.3
40.5°	3838.5	3562.0	2759.9	1601.0	217.1	124.1	440.2
41°	3841.5	3562.4	2751.9	1576.1	207.1	120.4	551.5
41.5°	3844.3	3561.7	2742.8	1549.8	199.5	119.2	662.8
42°	3845.8	3561.7	2733.2	1524.2	193.6	119.3	774.1
42.5°	3846.9	3561.1	2724.4	1498.9	188.4	120.5	885.5
43°	3848.2	3560.0	2714.7	1471.6	183.7	121.1	920.2
43.5°	3849.0	3558.6	2704.0	1443.9	179.5	122.2	905.0
44°	3849.1	3557.0	2694.4	1414.0	175.5	124.9	855.4
44.5°	3849.2	3554.5	2683.8	1383.3	172.0	132.2	805.5

REPORT NUMBER: P1197204

CATALOG NUMBER: AWPS75S-BZ-MID-5000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
45°	3848.3	3551.6	2672.5	1351.2	168.7	146.5	751.4
45.5°	3847.6	3547.4	2661.0	1318.0	165.7	174.6	693.9
46°	3845.8	3544.0	2649.8	1284.7	163.0	210.6	596.4
46.5°	3843.5	3540.7	2637.4	1251.7	160.2	240.7	476.2
47°	3840.8	3536.0	2624.8	1217.8	157.4	276.8	361.5
47.5°	3837.2	3531.4	2612.3	1183.8	155.0	326.0	273.1
48°	3834.0	3526.6	2598.9	1151.6	152.9	386.7	236.6
48.5°	3830.2	3521.8	2585.3	1117.4	150.4	423.2	201.4
49°	3826.2	3516.2	2571.4	1083.8	147.7	458.5	166.1
49.5°	3821.9	3510.0	2557.2	1051.5	145.2	493.8	130.4
50°	3817.3	3504.2	2542.7	1018.1	142.5	529.5	116.7
50.5°	3812.4	3497.6	2527.9	983.6	139.7	565.2	106.4
51°	3807.6	3491.0	2512.3	949.8	136.2	540.9	96.8
51.5°	3802.7	3483.2	2496.6	916.1	132.7	510.0	87.5
52°	3797.5	3475.3	2480.9	880.5	129.4	484.4	79.2
52.5°	3792.3	3468.2	2465.3	846.0	126.1	453.4	71.8
53°	3787.5	3460.4	2449.4	812.1	122.7	424.2	65.2
53.5°	3782.7	3452.2	2433.4	777.7	119.1	397.4	59.2
54°	3778.4	3443.3	2415.6	745.1	114.5	369.2	53.4
54.5°	3773.9	3434.9	2398.3	713.0	110.2	340.2	48.1
55°	3769.8	3425.8	2380.2	681.5	106.0	310.1	42.6
55.5°	3765.7	3417.3	2361.3	652.2	101.9	277.8	37.1
56°	3762.3	3409.4	2343.0	623.8	98.0	249.6	32.3
56.5°	3759.4	3401.2	2325.2	597.8	94.0	221.5	27.6
57°	3755.8	3392.6	2307.0	573.8	90.1	193.3	23.2
57.5°	3752.4	3384.5	2289.1	551.1	86.4	165.2	19.3
58°	3748.9	3375.7	2271.5	529.8	82.0	137.1	15.8
58.5°	3746.2	3367.7	2254.3	508.9	77.4	117.1	13.9
59°	3743.8	3359.7	2236.0	485.2	73.2	98.5	12.6
59.5°	3740.3	3352.2	2218.8	457.4	69.2	78.8	11.3
60°	3737.6	3343.5	2202.1	426.4	64.8	60.2	10.1
60.5°	3735.9	3335.8	2184.2	389.2	61.3	47.5	9.1
61°	3733.0	3327.9	2166.3	351.5	57.9	36.7	8.1
61.5°	3730.9	3320.8	2148.9	317.0	53.9	20.2	7.3
62°	3728.7	3313.2	2131.1	291.7	50.7	9.3	6.4
62.5°	3726.5	3305.2	2113.6	273.7	48.2	7.0	5.8
63°	3724.1	3297.4	2096.1	263.2	46.0	6.7	5.3
63.5°	3722.3	3290.1	2077.9	253.0	43.9	6.7	4.9
64°	3721.2	3282.7	2058.9	242.8	41.9	6.7	4.5
64.5°	3719.1	3276.2	2039.6	232.5	39.8	6.5	4.2
65°	3716.5	3270.0	2019.4	227.3	37.7	6.4	4.0
65.5°	3714.3	3263.9	1998.4	222.2	35.6	6.1	3.9
66°	3711.4	3258.0	1975.9	217.4	33.5	5.8	3.8
66.5°	3708.3	3252.8	1953.3	212.4	31.5	5.7	3.8
67°	3706.0	3247.7	1929.4	207.5	29.3	5.5	3.7

REPORT NUMBER: P1197204

CATALOG NUMBER: AWPS75S-BZ-MID-5000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
67.5°	3703.9	3243.3	1905.3	203.0	26.4	5.3	3.7
68°	3701.8	3238.9	1881.3	198.9	23.7	5.1	3.7
68.5°	3698.8	3234.1	1856.7	195.1	21.6	4.9	3.7
69°	3696.3	3229.9	1832.6	191.6	19.9	4.7	3.6
69.5°	3692.7	3225.1	1807.8	188.3	18.4	4.4	3.6
70°	3688.3	3220.9	1782.7	185.0	16.9	4.2	3.6
70.5°	3684.4	3217.5	1757.4	181.7	15.2	4.0	3.6
71°	3679.9	3214.8	1731.6	178.1	13.4	3.8	3.6
71.5°	3674.4	3212.0	1705.8	174.4	11.5	3.6	3.7
72°	3668.0	3210.0	1678.8	170.4	9.4	3.4	3.7
72.5°	3661.8	3206.9	1651.1	166.2	7.4	3.3	3.8
73°	3653.6	3202.6	1620.7	161.8	5.5	3.2	3.9
73.5°	3645.0	3198.0	1590.2	156.9	4.2	3.1	4.0
74°	3633.1	3193.4	1558.4	151.0	3.2	3.0	4.1
74.5°	3620.3	3188.9	1528.2	144.1	2.8	2.9	4.2
75°	3606.2	3185.2	1499.2	136.4	2.7	2.8	4.2
75.5°	3588.5	3181.1	1471.3	127.8	2.7	2.8	4.3
76°	3569.5	3175.0	1444.4	118.8	2.6	2.8	4.4
76.5°	3549.3	3169.1	1415.3	109.9	2.5	2.8	4.5
77°	3527.4	3162.9	1387.9	101.4	2.4	2.8	4.6
77.5°	3505.4	3157.3	1361.5	93.1	2.4	2.8	4.6
78°	3482.6	3152.3	1334.0	85.2	2.4	2.8	4.7
78.5°	3461.4	3147.5	1308.8	77.7	2.4	2.8	4.8
79°	3440.9	3143.0	1284.3	70.3	2.4	2.9	4.9
79.5°	3423.4	3136.3	1260.0	63.6	2.4	3.0	5.0
80°	3407.7	3131.7	1236.4	57.0	2.4	3.1	5.2
80.5°	3394.7	3128.1	1214.2	50.8	2.4	3.2	5.3
81°	3386.6	3129.3	1192.8	45.3	2.4	3.3	5.4
81.5°	3383.9	3144.0	1173.5	40.4	2.4	3.4	5.5
82°	3387.3	3168.5	1155.8	36.2	2.5	3.5	5.7
82.5°	3396.8	3203.8	1139.5	32.5	2.5	3.6	5.8
83°	3418.2	3254.6	1127.7	29.2	2.5	3.7	5.9
83.5°	3452.4	3325.2	1115.2	26.1	2.6	3.8	6.0
84°	3504.8	3409.0	1105.2	23.2	2.6	3.9	6.1
84.5°	3576.8	3492.9	1098.9	20.6	2.7	4.0	6.2
85°	3667.1	3595.2	1097.7	18.3	2.7	4.1	6.3
85.5°	3787.7	3682.2	1099.1	16.1	2.8	4.2	6.5
86°	3925.6	3723.1	1109.0	14.1	2.8	4.3	6.6
86.5°	4037.3	3702.6	1132.2	12.3	2.9	4.4	6.7
87°	4092.2	3602.4	1164.9	10.5	2.9	4.5	6.8
87.5°	4060.7	3420.2	1208.6	8.9	3.0	4.6	6.9
88°	3902.9	3161.3	1250.2	7.5	3.1	4.7	7.0
88.5°	3658.7	2866.6	1288.8	6.1	3.1	4.8	7.1
89°	3318.6	2567.6	1313.1	4.9	3.2	4.9	7.2
89.5°	2977.4	2304.3	1324.1	4.0	3.3	5.1	7.4

REPORT NUMBER: P1197204

CATALOG NUMBER: AWPS75S-BZ-MID-5000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
90°	2643.2	2080.2	1312.5	3.2	3.4	5.2	7.5
90.5°	2341.3	1901.9	1278.7	2.8	3.4	5.3	7.6
91°	2112.8	1831.1	1220.4	2.7	3.5	5.4	7.7
91.5°	1964.2	1873.4	1125.3	2.7	3.6	5.5	7.8
92°	1961.4	1999.5	993.5	2.6	3.7	5.6	7.9
92.5°	2070.2	2085.1	874.1	2.6	3.8	5.7	8.0
93°	2165.0	2037.3	754.6	2.5	3.9	5.9	8.1
93.5°	2050.3	1786.5	635.1	2.5	4.0	6.0	8.2
94°	1680.0	1373.6	515.6	2.4	4.1	6.1	8.3
94.5°	1309.1	933.5	396.2	2.4	4.2	6.2	8.4
95°	939.2	545.6	280.0	2.3	4.3	6.3	8.4
95.5°	571.8	307.8	218.7	2.3	4.3	6.4	8.5
96°	223.3	264.4	176.6	2.3	4.4	6.5	8.6
96.5°	193.5	222.8	152.3	2.3	4.5	6.6	8.7
97°	186.9	181.6	142.6	2.2	4.6	6.7	8.8
97.5°	186.1	140.4	138.8	2.2	4.7	6.8	8.9
98°	188.7	138.4	131.3	2.2	4.7	6.9	8.9
98.5°	188.0	134.7	116.5	2.2	4.8	7.0	9.0
99°	184.2	128.0	104.5	2.2	4.9	7.1	9.1
99.5°	173.4	117.2	96.9	2.2	5.0	7.1	9.2
100°	158.9	106.8	91.5	2.2	5.0	7.2	9.2
100.5°	146.3	98.5	84.6	2.2	5.1	7.3	9.3
101°	140.2	90.6	67.3	2.2	5.2	7.4	9.3
101.5°	133.1	82.7	54.1	2.2	5.2	7.4	9.4
102°	123.0	75.9	43.8	2.2	5.3	7.5	9.5
102.5°	116.8	71.0	32.7	2.2	5.4	7.6	9.5
103°	115.1	67.9	28.2	2.2	5.4	7.7	9.6
103.5°	114.8	66.0	24.2	2.3	5.5	7.8	9.7
104°	113.2	65.2	20.8	2.3	5.6	7.9	9.7
104.5°	110.2	64.5	17.5	2.3	5.6	8.0	9.8
105°	106.4	63.4	14.2	2.3	5.7	8.1	9.8
105.5°	102.0	61.6	11.4	2.4	5.8	8.1	9.9
106°	97.3	59.6	9.4	2.4	5.8	8.2	9.9
106.5°	92.2	56.7	8.1	2.4	5.9	8.2	9.9
107°	86.7	52.9	7.3	2.5	5.9	8.3	10.0
107.5°	79.5	48.1	6.5	2.5	6.0	8.4	10.0
108°	69.5	41.7	5.8	2.5	6.0	8.4	10.0
108.5°	56.3	34.0	5.1	2.6	6.1	8.5	10.0
109°	44.7	27.0	4.4	2.6	6.1	8.5	10.1
109.5°	35.3	19.3	3.9	2.7	6.2	8.6	10.1
110°	28.8	12.6	3.5	2.7	6.2	8.6	10.1
110.5°	25.3	8.1	3.1	2.7	6.3	8.7	10.1
111°	22.4	6.1	2.7	2.8	6.3	8.7	10.2
111.5°	18.9	4.8	2.4	2.8	6.4	8.8	10.2
112°	15.8	3.5	2.1	2.9	6.4	8.8	10.2

REPORT NUMBER: P1197204

CATALOG NUMBER: AWPS75S-BZ-MID-5000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
112.5°	13.0	2.5	1.9	2.9	6.5	8.9	10.2
113°	9.1	1.8	1.7	2.9	6.5	9.0	10.2
113.5°	4.8	1.4	1.6	3.0	6.6	9.0	10.2
114°	3.0	1.1	1.5	3.0	6.6	9.0	10.3
114.5°	2.4	1.0	1.4	3.1	6.6	9.1	10.3
115°	2.0	0.9	1.3	3.1	6.7	9.1	10.3
115.5°	1.5	0.8	1.2	3.2	6.7	9.1	10.3
116°	1.0	0.8	1.2	3.2	6.8	9.2	10.3
116.5°	1.0	0.7	1.2	3.3	6.8	9.3	10.4
117°	0.9	0.7	1.1	3.3	6.9	9.3	10.4
117.5°	0.9	0.7	1.1	3.4	6.9	9.3	10.4
118°	0.9	0.7	1.1	3.4	7.0	9.4	10.4
118.5°	0.8	0.6	1.1	3.5	7.0	9.4	10.5
119°	0.8	0.6	1.1	3.5	7.1	9.5	10.5
119.5°	0.8	0.6	1.1	3.6	7.1	9.5	10.5
120°	0.8	0.6	1.1	3.6	7.1	9.5	10.5
120.5°	0.8	0.6	1.2	3.7	7.2	9.6	10.5
121°	0.7	0.6	1.2	3.7	7.2	9.6	10.5
121.5°	0.7	0.6	1.2	3.7	7.2	9.6	10.6
122°	0.6	0.6	1.2	3.8	7.3	9.7	10.6
122.5°	0.6	0.5	1.3	3.9	7.3	9.7	10.6
123°	0.5	0.5	1.3	3.9	7.3	9.7	10.6
123.5°	0.5	0.5	1.4	4.0	7.4	9.7	10.6
124°	0.5	0.5	1.4	4.0	7.4	9.8	10.6
124.5°	0.5	0.5	1.5	4.1	7.5	9.8	10.6
125°	0.5	0.5	1.5	4.1	7.5	9.8	10.6
125.5°	0.5	0.5	1.6	4.2	7.5	9.8	10.6
126°	0.5	0.5	1.6	4.2	7.5	9.8	10.6
126.5°	0.4	0.5	1.7	4.2	7.6	9.8	10.6
127°	0.4	0.5	1.7	4.3	7.6	9.8	10.7
127.5°	0.4	0.5	1.7	4.4	7.6	9.8	10.7
128°	0.4	0.5	1.8	4.4	7.6	9.8	10.7
128.5°	0.4	0.5	1.9	4.5	7.7	9.9	10.7
129°	0.4	0.5	1.9	4.5	7.7	9.9	10.7
129.5°	0.4	0.5	2.0	4.5	7.7	9.9	10.6
130°	0.4	0.5	2.0	4.6	7.7	9.9	10.6
130.5°	0.5	0.5	2.1	4.6	7.8	9.9	10.6
131°	0.5	0.6	2.1	4.7	7.8	9.9	10.6
131.5°	0.5	0.6	2.2	4.8	7.8	9.9	10.6
132°	0.5	0.6	2.2	4.8	7.8	9.9	10.6
132.5°	0.5	0.7	2.3	4.8	7.9	9.9	10.6
133°	0.5	0.7	2.4	4.9	7.9	9.9	10.6
133.5°	0.6	0.7	2.4	4.9	7.9	9.9	10.6
134°	0.6	0.8	2.5	5.0	7.9	9.9	10.6
134.5°	0.6	0.8	2.5	5.0	8.0	9.9	10.6

REPORT NUMBER: P1197204

CATALOG NUMBER: AWPS75S-BZ-MID-5000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
135°	0.6	0.8	2.6	5.1	8.0	9.9	10.6
135.5°	0.7	0.9	2.6	5.1	8.0	9.9	10.6
136°	0.7	0.9	2.7	5.2	8.0	9.9	10.6
136.5°	0.7	1.0	2.8	5.2	8.1	9.9	10.6
137°	0.7	1.0	2.8	5.3	8.1	9.9	10.6
137.5°	0.8	1.1	2.8	5.3	8.1	9.9	10.6
138°	0.8	1.1	2.9	5.4	8.1	9.9	10.6
138.5°	0.8	1.1	3.0	5.4	8.2	9.9	10.6
139°	0.8	1.2	3.0	5.5	8.2	9.9	10.6
139.5°	0.9	1.2	3.1	5.5	8.2	9.9	10.6
140°	0.9	1.3	3.1	5.5	8.2	9.9	10.6
140.5°	0.9	1.3	3.2	5.6	8.3	9.9	10.5
141°	0.9	1.4	3.2	5.6	8.3	9.9	10.5
141.5°	1.0	1.4	3.3	5.7	8.3	9.9	10.5
142°	1.0	1.5	3.4	5.7	8.3	9.9	10.4
142.5°	1.0	1.5	3.4	5.8	8.3	9.9	10.4
143°	1.1	1.6	3.5	5.8	8.4	9.9	10.4
143.5°	1.1	1.7	3.5	5.9	8.4	9.9	10.3
144°	1.1	1.7	3.6	5.9	8.4	9.9	10.3
144.5°	1.1	1.8	3.7	6.0	8.4	9.9	10.3
145°	1.2	1.8	3.7	6.0	8.4	9.9	10.2
145.5°	1.2	1.9	3.8	6.0	8.4	9.9	10.2
146°	1.3	1.9	3.8	6.1	8.5	9.9	10.2
146.5°	1.3	2.0	3.9	6.1	8.5	9.9	10.1
147°	1.3	2.0	4.0	6.2	8.5	9.9	10.1
147.5°	1.4	2.1	4.0	6.2	8.5	9.9	10.0
148°	1.4	2.2	4.1	6.2	8.5	9.9	10.0
148.5°	1.5	2.2	4.1	6.3	8.5	9.9	10.0
149°	1.5	2.3	4.2	6.3	8.5	9.9	10.0
149.5°	1.6	2.4	4.3	6.4	8.6	9.9	9.9
150°	1.6	2.4	4.3	6.4	8.6	9.8	9.9
150.5°	1.7	2.5	4.4	6.4	8.6	9.9	9.8
151°	1.7	2.6	4.4	6.5	8.6	9.9	9.8
151.5°	1.8	2.6	4.5	6.5	8.6	9.8	9.8
152°	1.8	2.7	4.6	6.6	8.7	9.8	9.7
152.5°	1.9	2.7	4.6	6.6	8.7	9.8	9.7
153°	2.0	2.8	4.7	6.7	8.7	9.8	9.6
153.5°	2.0	2.9	4.7	6.7	8.7	9.8	9.6
154°	2.1	3.0	4.8	6.7	8.7	9.8	9.6
154.5°	2.2	3.1	4.9	6.8	8.7	9.8	9.5
155°	2.3	3.1	4.9	6.8	8.7	9.8	9.5
155.5°	2.3	3.2	5.0	6.8	8.7	9.8	9.4
156°	2.4	3.3	5.0	6.9	8.7	9.8	9.4
156.5°	2.5	3.4	5.1	6.9	8.7	9.8	9.3
157°	2.5	3.4	5.2	7.0	8.7	9.7	9.3

REPORT NUMBER: P1197204

CATALOG NUMBER: AWPS75S-BZ-MID-5000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
157.5°	2.6	3.5	5.2	7.0	8.7	9.7	9.3
158°	2.7	3.6	5.3	7.0	8.7	9.7	9.3
158.5°	2.7	3.7	5.3	7.1	8.7	9.7	9.2
159°	2.8	3.8	5.4	7.1	8.7	9.6	9.2
159.5°	2.8	3.8	5.5	7.1	8.7	9.6	9.1
160°	2.9	3.9	5.5	7.2	8.7	9.6	9.0
160.5°	3.0	4.0	5.6	7.2	8.7	9.6	9.0
161°	3.0	4.1	5.6	7.2	8.7	9.5	8.9
161.5°	3.1	4.1	5.7	7.3	8.7	9.5	8.9
162°	3.1	4.2	5.7	7.3	8.7	9.5	8.8
162.5°	3.2	4.3	5.8	7.3	8.7	9.4	8.7
163°	3.3	4.3	5.8	7.3	8.7	9.4	8.7
163.5°	3.4	4.4	5.9	7.4	8.7	9.4	8.6
164°	3.4	4.5	6.0	7.4	8.7	9.4	8.5
164.5°	3.5	4.5	6.0	7.5	8.7	9.3	8.5
165°	3.6	4.6	6.1	7.5	8.7	9.3	8.4
165.5°	3.6	4.7	6.1	7.5	8.7	9.3	8.4
166°	3.7	4.7	6.2	7.5	8.7	9.2	8.3
166.5°	3.7	4.8	6.2	7.6	8.7	9.2	8.3
167°	3.8	4.9	6.3	7.6	8.7	9.2	8.2
167.5°	3.9	4.9	6.4	7.6	8.7	9.1	8.1
168°	3.9	5.0	6.4	7.7	8.7	9.1	8.1
168.5°	4.0	5.0	6.5	7.7	8.7	9.1	8.0
169°	4.1	5.1	6.5	7.8	8.7	9.0	7.9
169.5°	4.2	5.2	6.6	7.8	8.7	9.0	7.8
170°	4.2	5.3	6.6	7.8	8.7	9.0	7.8
170.5°	4.3	5.3	6.7	7.8	8.6	8.9	7.7
171°	4.4	5.4	6.7	7.8	8.6	8.9	7.6
171.5°	4.5	5.4	6.8	7.8	8.6	8.8	7.5
172°	4.5	5.5	6.8	7.9	8.6	8.7	7.4
172.5°	4.6	5.6	6.9	7.9	8.5	8.7	7.3
173°	4.7	5.7	6.9	7.9	8.5	8.6	7.2
173.5°	4.8	5.7	7.0	7.9	8.5	8.6	7.1
174°	4.8	5.8	7.1	7.9	8.5	8.5	7.1
174.5°	4.9	5.9	7.1	7.9	8.4	8.5	7.0
175°	5.0	6.0	7.1	7.9	8.4	8.4	6.8
175.5°	5.1	6.0	7.2	8.0	8.4	8.3	6.8
176°	5.2	6.1	7.3	8.0	8.3	8.3	6.7
176.5°	5.3	6.2	7.3	8.0	8.3	8.3	6.6
177°	5.3	6.3	7.4	8.0	8.3	8.2	6.5
177.5°	5.4	6.4	7.4	8.0	8.3	8.1	6.4
178°	5.5	6.4	7.5	8.0	8.3	8.1	6.3
178.5°	5.6	6.5	7.5	8.0	8.2	8.0	6.2
179°	5.7	6.6	7.6	8.0	8.2	8.0	6.1
179.5°	5.8	6.7	7.6	8.0	8.2	7.9	6.0



REPORT NUMBER: P1197204
CATALOG NUMBER: AWPS75S-BZ-MID-5000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
180°	5.9	5.9	5.9	5.9	5.9	5.9	5.9

(END OF REPORT)