

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: P1197195

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

Issue Date: 10/29/2025

Test Information

Test Method: LM-79-2019
Report Number: P1197195
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 15
Description: AWP Architectural
Light Source: 80 CRI, 5000K
Ballast/Driver: -

Summary

Lumens per Lamp: 10024 (1 lamp)
Luminaire Lumens: 9686.2 lumens
Efficiency: 96.6%
Efficacy: 146.1 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: B3 - U2 - G2

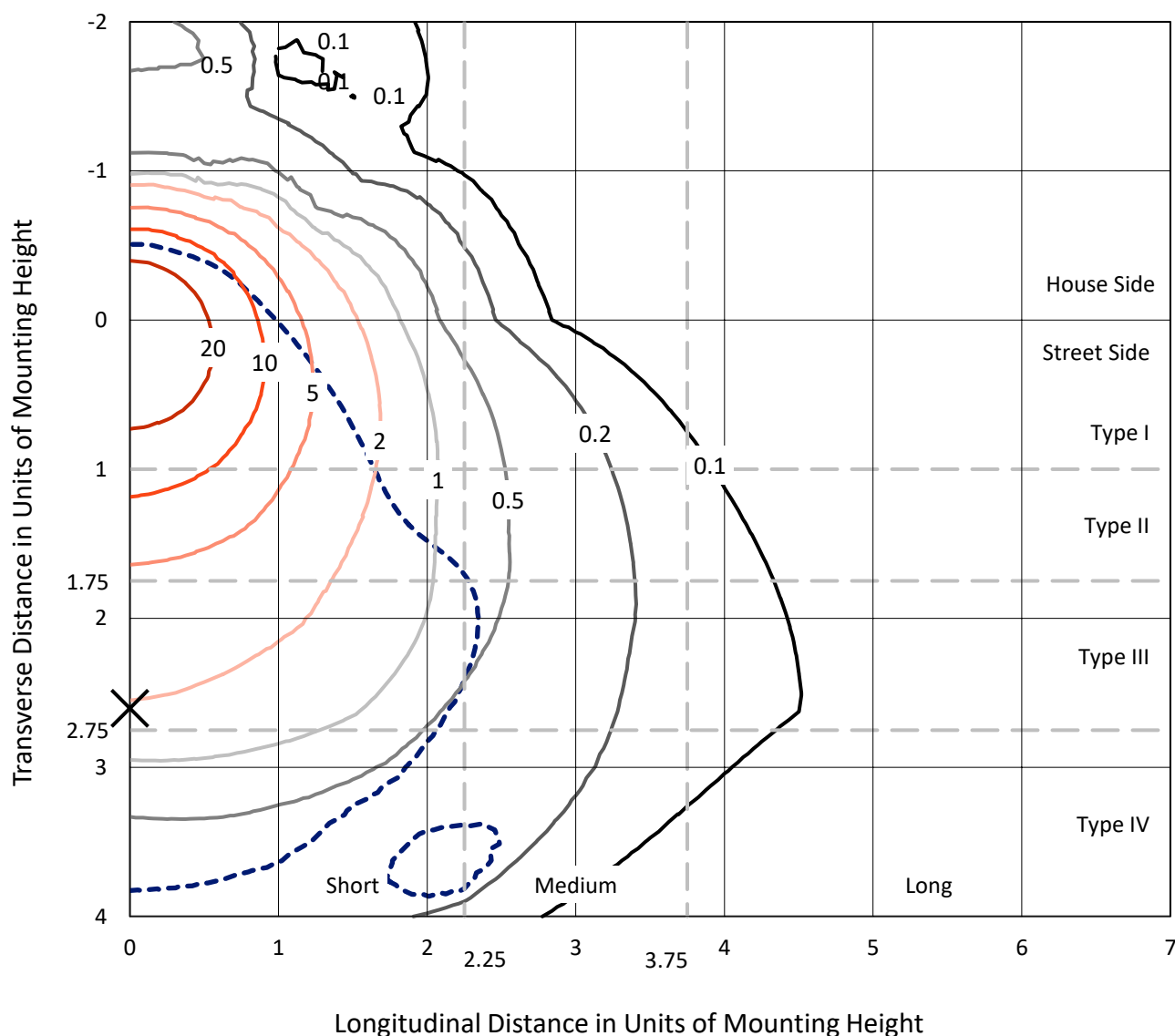
Input Watts (W): 66.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

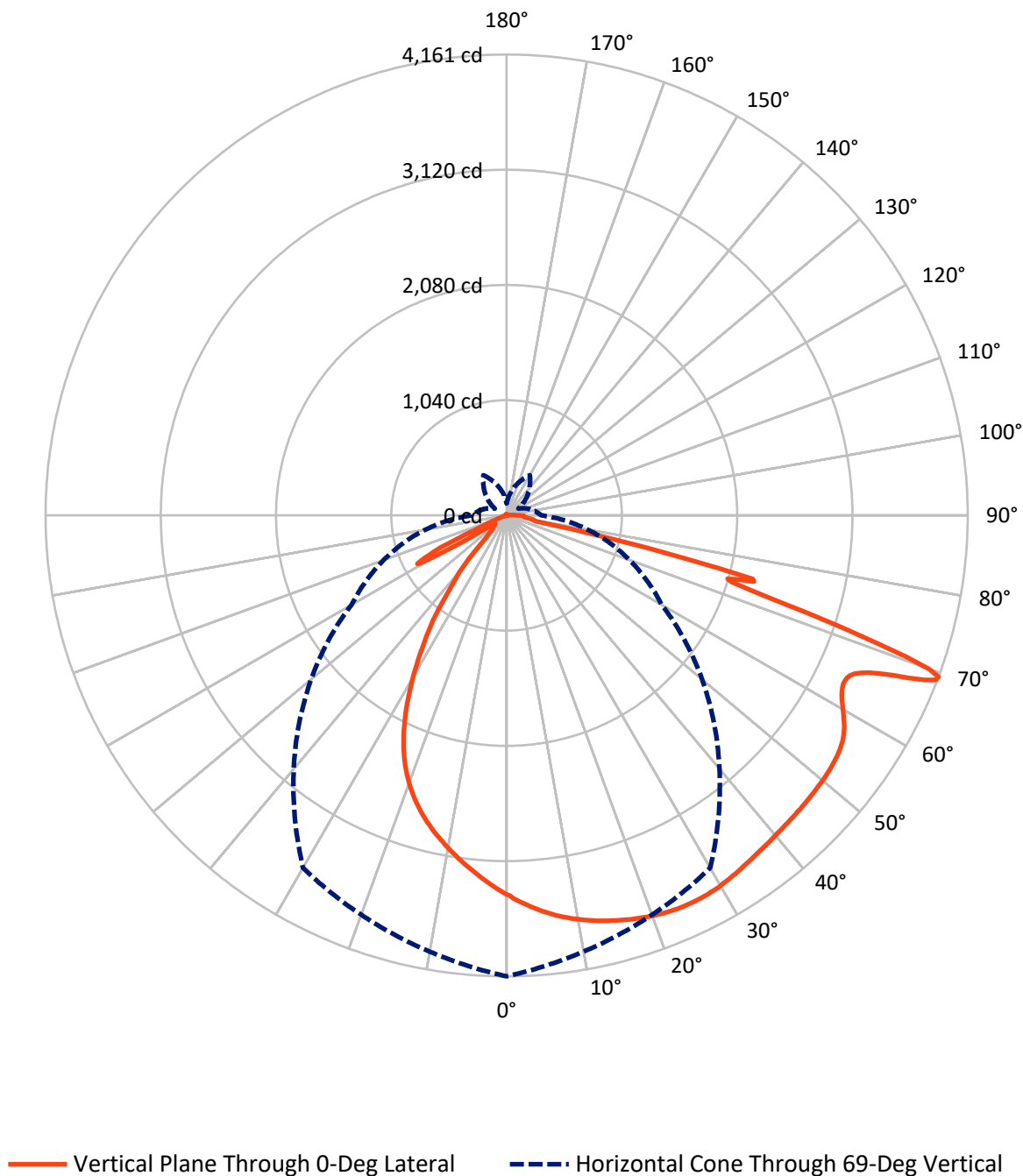


Based on 10 foot mounting height. Maximum calculated value = 35.7 fc
Type IV - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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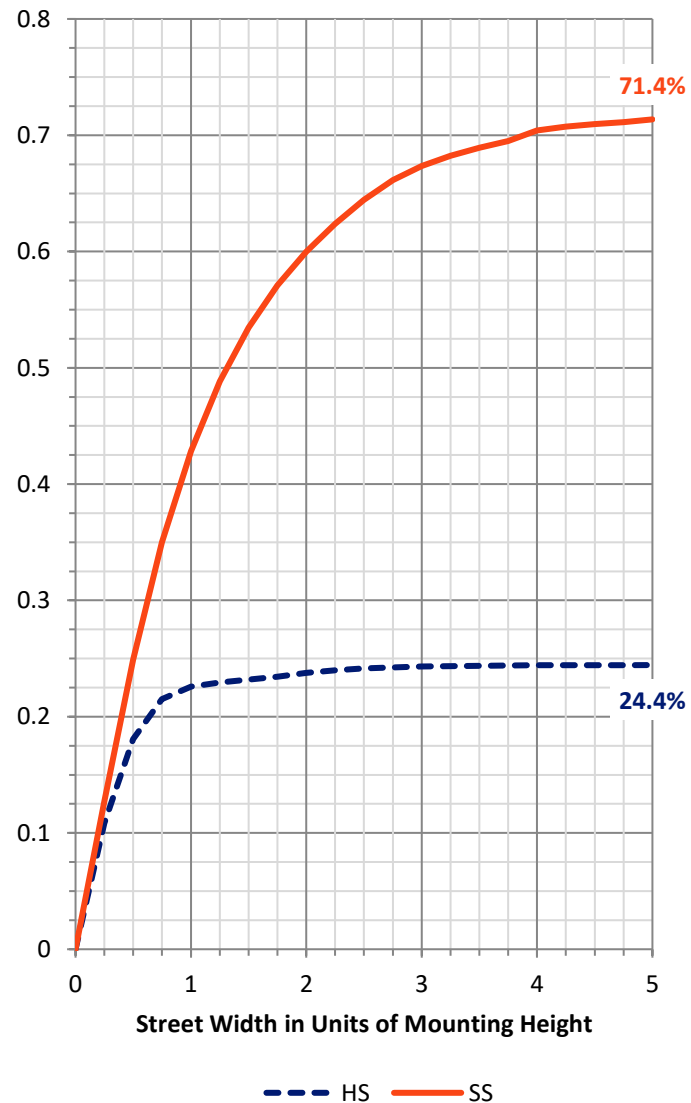
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2465.8	20.9	2486.7
	% Lamp	24.6	0.2	24.8
Street Side	Lumens	7172.4	27.0	7199.5
	% Lamp	71.6	0.3	71.8
Total	Lumens	9638.2	48.0	9686.2
	% Lamp	96.2	0.5	96.6

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	324.6	3.4	3.2
10°-20°	929.6	9.6	9.3
20°-30°	1397.5	14.4	13.9
30°-40°	1608.3	16.6	16.0
40°-50°	1552.0	16.0	15.5
50°-60°	1437.2	14.8	14.3
60°-70°	1356.1	14.0	13.5
70°-80°	867.1	9.0	8.7
80°-90°	165.9	1.7	1.7
90°-100°	20.1	0.2	0.2
100°-110°	3.0	0.0	0.0
110°-120°	3.8	0.0	0.0
120°-130°	4.5	0.0	0.0
130°-140°	4.8	0.0	0.0
140°-150°	4.5	0.0	0.0
150°-160°	3.8	0.0	0.0
160°-170°	2.6	0.0	0.0
170°-180°	0.9	0.0	0.0
0°-90°	9638.2	99.5	96.2
0°-180°	9686.2	100.0	96.6

Coefficient of Utilization



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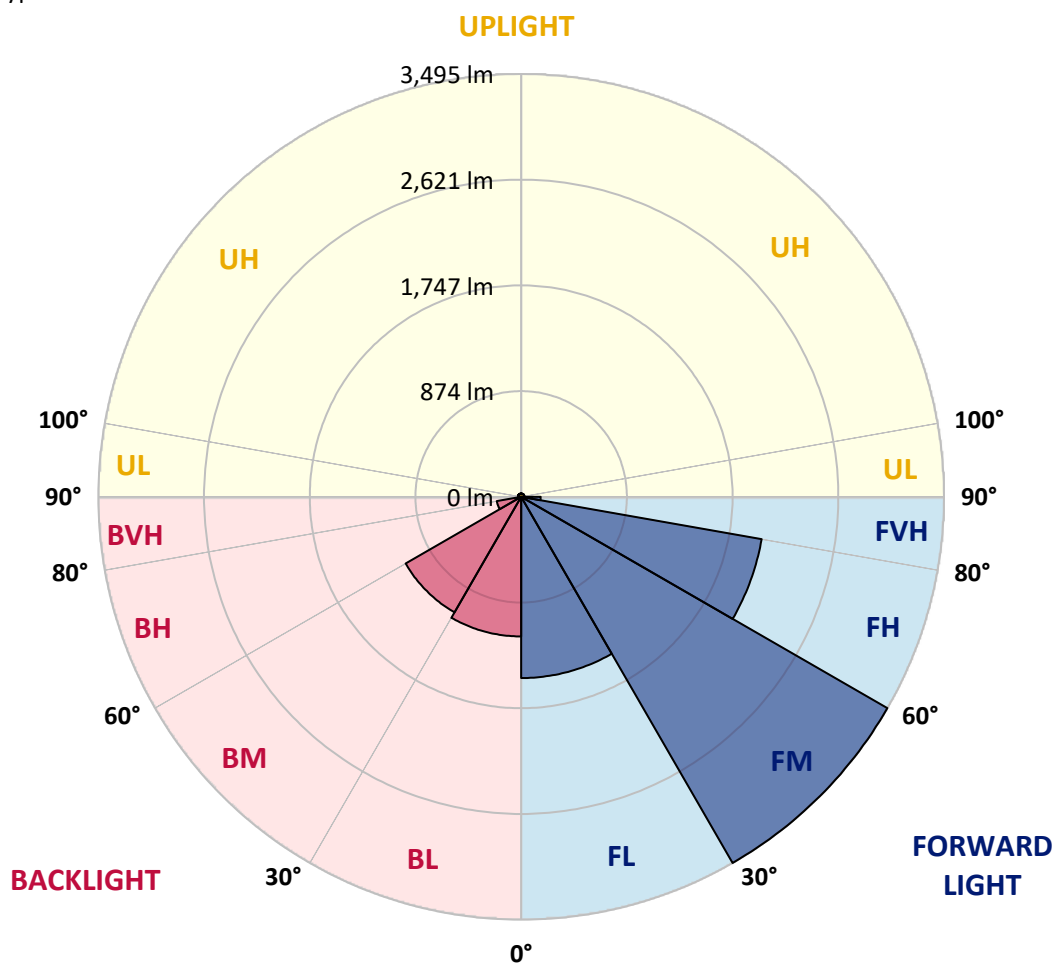
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1497.6	14.9			
FM	(30°-60°)	3494.9	34.9			
FH	(60°-80°)	2018.5	20.1			G2/5000
FVH	(80°-90°)	161.4	1.6			G2/225
BL	(0°-30°)	1154.1	11.5	B3/2500		
BM	(30°-60°)	1102.5	11.0	B2/2500		
BH	(60°-80°)	204.7	2.0	B1/500		G1/500
BVH	(80°-90°)	4.4	0.0			G0/10
UL	(90°-100°)	20.1	0.2		U2/50	
UH	(100°-180°)	27.9	0.3		U2/50	
Trapped Light		337.8	3.4			

BUG Rating: B3-U2-G2

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°
0°	3431.2	3431.2	3431.2	3431.2	3431.2	3431.2	3431.2
0.5°	3456.4	3456.0	3443.7	3429.9	3416.0	3400.8	3422.0
1°	3473.1	3470.1	3451.6	3429.3	3406.8	3385.6	3403.6
1.5°	3489.1	3483.9	3458.9	3428.1	3397.5	3369.6	3386.6
2°	3505.2	3497.1	3465.9	3426.8	3387.7	3354.3	3369.0
2.5°	3520.7	3510.3	3473.1	3425.1	3378.2	3338.2	3350.9
3°	3536.0	3524.0	3479.6	3422.9	3368.1	3322.3	3332.9
3.5°	3552.1	3536.1	3485.6	3420.8	3357.8	3306.2	3314.3
4°	3566.9	3548.3	3491.6	3418.4	3347.2	3289.5	3295.7
4.5°	3581.5	3560.4	3497.2	3415.7	3336.6	3272.8	3276.8
5°	3595.8	3572.4	3503.3	3412.4	3324.5	3255.6	3258.2
5.5°	3609.7	3583.7	3508.3	3408.7	3312.7	3239.5	3239.0
6°	3623.0	3594.6	3512.1	3404.4	3300.8	3222.8	3219.5
6.5°	3635.3	3604.8	3516.5	3399.5	3288.0	3204.4	3200.9
7°	3647.4	3614.7	3520.9	3394.6	3274.2	3187.5	3182.9
7.5°	3659.2	3624.2	3524.4	3388.9	3261.1	3169.6	3163.2
8°	3670.4	3633.2	3527.2	3382.8	3247.0	3152.5	3144.1
8.5°	3681.1	3641.1	3529.8	3376.8	3233.9	3134.6	3124.3
9°	3691.4	3649.6	3532.1	3370.3	3219.5	3116.5	3104.3
9.5°	3701.7	3658.2	3534.5	3363.1	3204.6	3098.1	3085.4
10°	3710.9	3665.4	3536.3	3355.6	3189.8	3079.9	3065.9
10.5°	3720.9	3672.9	3538.3	3348.1	3174.8	3061.7	3046.0
11°	3730.0	3679.4	3539.7	3339.8	3158.5	3041.8	3026.1
11.5°	3739.1	3685.4	3540.6	3332.3	3143.0	3022.5	3006.2
12°	3747.8	3691.7	3541.9	3324.0	3127.8	3003.8	2986.5
12.5°	3756.1	3697.2	3541.8	3315.2	3111.7	2985.0	2966.0
13°	3762.8	3702.6	3542.1	3306.8	3095.6	2964.5	2945.1
13.5°	3770.9	3708.0	3542.3	3297.9	3079.7	2944.3	2923.8
14°	3778.2	3712.8	3541.1	3289.1	3062.2	2924.3	2902.6
14.5°	3784.9	3716.7	3539.5	3279.0	3045.6	2903.6	2880.0
15°	3792.9	3721.4	3538.0	3269.6	3028.5	2882.7	2858.4
15.5°	3799.8	3725.7	3535.9	3259.3	3011.1	2861.8	2835.2
16°	3806.5	3729.7	3534.0	3248.1	2992.8	2839.5	2812.5
16.5°	3813.3	3732.9	3532.4	3237.4	2974.4	2817.1	2789.0
17°	3819.3	3736.3	3529.9	3226.0	2956.9	2795.1	2764.2
17.5°	3825.0	3740.2	3526.8	3214.1	2938.3	2771.6	2739.2
18°	3830.8	3743.0	3524.4	3202.1	2918.8	2749.2	2714.3
18.5°	3836.2	3745.7	3520.9	3190.0	2900.4	2725.7	2687.1
19°	3842.1	3748.3	3516.1	3177.3	2880.5	2701.2	2660.5
19.5°	3846.7	3750.7	3512.3	3164.2	2860.9	2675.9	2631.9
20°	3851.2	3752.6	3508.2	3150.7	2842.3	2650.2	2602.0
20.5°	3855.3	3754.6	3503.3	3136.8	2821.9	2625.0	2571.8
21°	3859.0	3756.2	3499.1	3123.0	2801.4	2597.7	2539.7
21.5°	3863.4	3757.1	3494.4	3108.5	2781.0	2569.8	2507.7
22°	3866.5	3758.6	3488.5	3094.3	2760.0	2540.3	2473.3

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
22.5°	3868.9	3759.8	3482.7	3079.8	2738.7	2510.4	2438.7
23°	3870.8	3760.8	3477.4	3064.7	2717.1	2479.7	2402.6
23.5°	3872.4	3760.8	3471.4	3049.0	2696.1	2447.2	2363.6
24°	3873.4	3760.6	3465.1	3033.0	2673.4	2414.0	2324.1
24.5°	3874.2	3760.6	3458.8	3016.3	2650.9	2379.6	2283.1
25°	3875.0	3759.1	3452.0	2999.9	2628.6	2344.7	2240.2
25.5°	3875.7	3758.0	3444.7	2983.2	2604.8	2308.5	2196.8
26°	3875.1	3756.0	3437.3	2965.8	2580.8	2269.6	2151.9
26.5°	3874.0	3753.7	3429.2	2948.0	2557.5	2229.9	2103.6
27°	3872.9	3750.9	3421.4	2930.0	2532.3	2190.1	2056.3
27.5°	3871.1	3748.1	3412.9	2912.1	2507.1	2148.4	2007.4
28°	3868.8	3744.0	3403.7	2893.4	2482.1	2106.0	1956.7
28.5°	3866.1	3740.5	3395.0	2874.0	2455.4	2060.5	1905.2
29°	3863.0	3735.9	3385.8	2855.2	2428.8	2014.1	1853.7
29.5°	3859.3	3730.9	3376.6	2835.1	2401.6	1967.9	1799.2
30°	3855.0	3725.3	3367.0	2814.8	2373.5	1921.1	1745.5
30.5°	3851.3	3720.7	3356.7	2795.2	2345.5	1871.2	1690.6
31°	3846.9	3715.2	3346.4	2774.0	2317.0	1821.9	1636.2
31.5°	3841.9	3708.0	3335.7	2752.0	2286.6	1771.6	1579.9
32°	3836.7	3701.6	3324.8	2730.0	2256.1	1718.6	1525.8
32.5°	3831.9	3693.8	3312.7	2707.9	2225.2	1665.5	1471.5
33°	3827.0	3686.3	3299.9	2684.7	2192.4	1613.3	1416.3
33.5°	3821.6	3679.1	3287.5	2662.3	2158.8	1560.2	1363.0
34°	3816.8	3670.5	3275.1	2639.0	2126.2	1507.0	1310.5
34.5°	3811.7	3662.1	3261.5	2615.3	2091.0	1454.5	1258.8
35°	3806.9	3654.1	3247.7	2591.1	2054.7	1400.7	1206.4
35.5°	3802.4	3644.9	3233.7	2567.0	2018.6	1347.0	1155.7
36°	3797.7	3636.1	3219.4	2541.7	1981.8	1295.0	1105.5
36.5°	3793.5	3627.9	3204.2	2516.7	1942.2	1243.6	1042.8
37°	3790.2	3619.2	3189.5	2490.7	1903.0	1191.8	971.7
37.5°	3786.4	3611.0	3174.7	2465.0	1863.5	1143.4	908.5
38°	3782.9	3602.2	3159.1	2438.5	1821.1	1094.2	853.5
38.5°	3779.2	3593.3	3142.8	2412.2	1779.0	1045.6	803.8
39°	3775.6	3584.5	3126.9	2384.2	1736.4	998.5	760.9
39.5°	3771.8	3576.1	3110.6	2357.9	1691.8	954.5	722.6
40°	3769.0	3568.0	3093.6	2329.4	1645.3	906.0	686.3
40.5°	3766.9	3559.5	3077.1	2301.3	1601.2	849.3	643.8
41°	3763.2	3551.8	3059.8	2273.4	1555.1	788.7	587.0
41.5°	3760.5	3543.3	3042.3	2244.7	1507.0	733.3	516.3
42°	3758.6	3535.9	3024.6	2214.5	1459.5	686.1	434.6
42.5°	3755.9	3527.7	3006.5	2185.1	1412.4	646.3	359.6
43°	3753.5	3519.6	2988.3	2154.7	1365.2	609.2	300.3
43.5°	3751.3	3511.8	2969.7	2125.6	1320.6	568.1	259.2
44°	3748.4	3504.4	2950.6	2094.7	1274.3	519.6	241.7
44.5°	3746.3	3497.1	2931.7	2064.5	1228.0	458.2	225.3

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
45°	3744.5	3490.0	2912.7	2033.9	1182.1	389.0	208.9
45.5°	3742.9	3482.7	2893.1	2002.9	1137.0	323.3	192.6
46°	3740.4	3475.5	2873.5	1972.1	1090.1	267.6	183.8
46.5°	3738.2	3468.7	2854.4	1941.0	1045.7	248.8	177.8
47°	3735.5	3460.8	2835.1	1907.4	1000.5	230.3	173.8
47.5°	3732.1	3453.4	2814.6	1875.9	949.6	211.7	171.1
48°	3729.2	3446.1	2794.6	1844.0	901.6	193.2	169.1
48.5°	3726.6	3439.1	2773.4	1810.4	855.9	186.9	167.4
49°	3723.9	3432.1	2752.2	1777.0	812.0	182.4	165.6
49.5°	3721.8	3426.5	2731.4	1743.8	771.9	178.9	162.6
50°	3718.6	3420.0	2710.3	1708.9	734.1	175.9	157.8
50.5°	3716.0	3414.6	2689.1	1676.1	696.5	173.5	151.3
51°	3711.7	3408.9	2666.4	1643.0	658.8	171.4	144.6
51.5°	3708.1	3402.9	2643.6	1608.8	623.7	170.1	139.2
52°	3703.7	3396.6	2620.8	1573.2	576.6	169.4	132.4
52.5°	3699.2	3391.2	2598.0	1538.8	529.5	168.8	129.2
53°	3693.7	3385.1	2574.0	1501.8	482.4	168.3	128.8
53.5°	3687.4	3379.4	2550.2	1466.5	435.3	167.6	129.3
54°	3680.9	3374.8	2525.4	1429.4	388.4	166.4	130.5
54.5°	3672.9	3369.9	2499.7	1392.9	347.3	164.4	132.8
55°	3664.8	3365.1	2472.8	1356.2	313.6	162.6	137.7
55.5°	3654.1	3361.7	2445.5	1318.6	287.3	160.9	149.2
56°	3642.5	3356.4	2417.6	1281.7	265.9	156.6	167.0
56.5°	3628.5	3350.6	2391.7	1245.7	246.2	154.5	179.1
57°	3611.3	3345.0	2361.4	1208.6	228.6	153.2	185.2
57.5°	3592.4	3339.5	2331.3	1171.5	216.1	151.7	194.0
58°	3571.4	3332.3	2301.1	1133.6	207.7	149.2	215.6
58.5°	3550.1	3325.5	2270.7	1095.6	201.1	144.8	257.6
59°	3527.7	3317.7	2237.1	1054.2	196.1	138.0	327.0
59.5°	3504.3	3308.3	2206.8	1014.9	192.0	132.2	438.9
60°	3482.2	3299.0	2175.9	976.0	187.9	126.0	552.6
60.5°	3460.5	3288.5	2145.0	934.6	183.4	118.5	666.3
61°	3441.7	3278.6	2115.3	893.6	178.6	111.5	780.0
61.5°	3425.8	3267.8	2083.9	852.8	173.8	105.8	893.7
62°	3411.9	3258.1	2048.7	811.3	169.3	101.0	917.5
62.5°	3402.4	3247.4	2014.1	767.9	165.2	96.5	887.6
63°	3397.7	3237.2	1978.8	727.3	161.3	94.2	834.2
63.5°	3397.8	3227.2	1944.2	685.5	157.3	94.2	782.2
64°	3403.9	3216.8	1911.6	641.4	153.6	96.7	729.5
64.5°	3420.1	3206.2	1880.3	597.6	150.1	102.6	659.3
65°	3447.7	3200.5	1849.4	554.6	146.6	114.4	548.4
65.5°	3493.5	3205.8	1819.4	511.1	143.3	142.0	420.3
66°	3562.1	3225.6	1789.5	472.2	140.6	188.0	314.4
66.5°	3651.8	3257.6	1760.4	439.2	137.9	242.1	234.8
67°	3770.1	3310.7	1731.7	413.1	135.2	297.7	203.9

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
67.5°	3914.2	3384.3	1704.1	392.5	132.3	353.2	175.5
68°	4051.5	3474.3	1675.1	368.6	129.5	402.3	147.0
68.5°	4147.3	3567.9	1645.5	337.7	126.1	424.4	118.1
69°	4160.6	3674.1	1616.4	312.5	121.9	418.6	106.2
69.5°	4054.9	3767.9	1585.2	293.8	116.5	403.8	96.8
70°	3822.8	3814.5	1555.5	282.5	110.7	384.1	87.8
70.5°	3517.7	3789.1	1527.4	273.7	105.0	364.3	79.2
71°	3191.0	3684.6	1499.6	264.6	99.3	342.0	71.5
71.5°	2851.5	3493.8	1472.9	255.5	93.9	318.1	64.8
72°	2536.3	3228.4	1448.9	246.4	89.2	294.4	58.6
72.5°	2297.6	2928.3	1426.3	237.3	84.1	270.4	52.9
73°	2113.1	2644.1	1404.5	227.6	77.7	247.3	47.5
73.5°	2074.7	2382.9	1384.9	217.8	71.2	223.6	42.2
74°	2169.8	2165.5	1367.8	208.3	66.1	200.5	37.3
74.5°	2310.5	1986.6	1353.8	198.7	61.4	175.8	32.7
75°	2294.4	1919.4	1342.9	188.6	56.5	150.1	28.3
75.5°	1966.5	1975.9	1335.3	177.9	52.4	123.1	23.8
76°	1630.1	2121.8	1336.7	166.2	48.9	97.6	19.8
76.5°	1293.1	2237.8	1351.3	152.9	45.9	76.8	16.0
77°	953.8	2208.5	1379.2	138.4	42.9	61.3	13.3
77.5°	610.7	1969.0	1415.0	123.6	39.1	39.7	12.1
78°	268.3	1550.9	1453.2	109.0	34.6	15.3	10.9
78.5°	254.4	1073.3	1487.4	96.1	30.5	6.0	9.8
79°	249.2	669.7	1502.3	84.1	27.2	4.3	8.8
79.5°	249.1	409.5	1501.9	74.2	23.4	4.1	7.9
80°	246.5	271.8	1485.0	66.0	19.5	4.1	7.2
80.5°	243.0	249.3	1447.5	59.3	16.0	4.3	6.7
81°	229.8	231.9	1385.7	53.3	13.5	4.5	6.2
81.5°	211.4	214.1	1305.2	47.9	11.3	4.7	5.8
82°	194.1	196.0	1200.3	42.9	9.4	4.8	5.4
82.5°	185.3	190.4	1074.3	38.5	7.6	4.7	5.0
83°	177.9	182.7	942.1	34.4	5.9	4.7	4.6
83.5°	167.6	169.3	809.0	30.6	4.4	4.7	4.4
84°	160.5	153.3	714.5	27.2	3.3	4.7	4.2
84.5°	159.2	140.0	620.0	24.0	2.5	4.7	4.1
85°	160.1	128.5	525.4	21.0	2.4	4.7	4.0
85.5°	160.6	117.5	430.9	18.3	2.4	4.6	4.0
86°	160.0	107.0	337.5	15.8	2.3	4.5	3.9
86.5°	159.0	99.2	278.2	13.6	2.2	4.4	3.9
87°	157.8	94.4	230.5	11.5	2.1	4.2	3.9
87.5°	155.8	92.1	195.4	9.7	2.1	4.1	3.8
88°	152.0	91.8	172.6	7.9	2.0	3.9	3.8
88.5°	144.8	93.0	159.3	6.3	2.0	3.7	3.8
89°	133.0	94.7	149.1	4.9	1.9	3.5	3.8
89.5°	117.3	96.6	138.4	3.7	1.9	3.4	3.8

REPORT NUMBER: P1197195

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

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
90°	100.6	97.5	126.3	2.8	1.9	3.2	3.8
90.5°	85.1	97.0	114.8	2.5	1.9	3.1	3.9
91°	72.4	94.8	100.9	2.4	1.9	2.9	4.0
91.5°	62.9	91.0	87.0	2.3	1.9	2.8	4.1
92°	56.7	85.9	78.4	2.2	1.9	2.8	4.2
92.5°	52.9	79.9	70.9	2.1	1.9	2.8	4.3
93°	49.9	73.2	60.3	2.0	1.9	2.7	4.3
93.5°	47.6	64.7	46.8	2.0	1.9	2.7	4.4
94°	46.3	54.5	35.3	1.9	1.9	2.8	4.5
94.5°	45.2	44.3	23.7	1.9	1.9	2.8	4.6
95°	43.1	34.5	18.1	1.8	2.0	2.8	4.6
95.5°	39.9	26.0	13.9	1.8	2.0	2.8	4.7
96°	35.6	18.3	10.5	1.8	2.0	2.8	4.8
96.5°	31.1	11.7	9.6	1.8	2.1	2.9	4.9
97°	26.5	6.8	8.7	1.8	2.1	2.9	5.0
97.5°	20.4	3.4	7.9	1.8	2.2	3.0	5.1
98°	13.7	2.2	7.2	1.8	2.2	3.1	5.3
98.5°	6.8	1.6	6.4	1.8	2.3	3.2	5.4
99°	2.4	1.4	5.7	1.8	2.4	3.3	5.5
99.5°	1.9	1.2	5.0	1.8	2.5	3.4	5.6
100°	1.5	1.1	4.4	1.8	2.5	3.5	5.7
100.5°	1.3	1.1	3.9	1.8	2.6	3.6	5.8
101°	1.3	1.0	3.5	1.8	2.7	3.7	5.9
101.5°	1.3	1.0	3.1	1.9	2.8	3.8	6.0
102°	1.2	0.9	2.8	1.9	2.9	3.9	6.2
102.5°	1.2	0.9	2.6	2.0	3.0	4.0	6.3
103°	1.1	0.9	2.3	2.0	3.1	4.1	6.4
103.5°	1.0	0.9	2.1	2.1	3.2	4.2	6.5
104°	1.0	0.9	1.9	2.1	3.3	4.3	6.7
104.5°	0.9	0.9	1.7	2.2	3.4	4.4	6.8
105°	0.9	0.9	1.6	2.3	3.5	4.6	6.9
105.5°	0.8	0.9	1.5	2.3	3.6	4.7	7.0
106°	0.8	0.8	1.4	2.4	3.7	4.8	7.1
106.5°	0.8	0.8	1.3	2.5	3.8	4.9	7.2
107°	0.7	0.8	1.2	2.5	3.9	5.0	7.3
107.5°	0.7	0.8	1.2	2.6	4.0	5.1	7.4
108°	0.6	0.7	1.1	2.6	4.1	5.2	7.5
108.5°	0.6	0.7	1.1	2.7	4.2	5.4	7.7
109°	0.6	0.7	1.1	2.8	4.3	5.5	7.8
109.5°	0.6	0.7	1.1	2.8	4.4	5.6	7.9
110°	0.6	0.6	1.1	2.9	4.5	5.7	8.0
110.5°	0.6	0.6	1.1	3.0	4.6	5.8	8.1
111°	0.6	0.6	1.1	3.0	4.8	5.9	8.1
111.5°	0.6	0.6	1.1	3.1	4.9	6.0	8.2
112°	0.6	0.6	1.2	3.2	5.0	6.1	8.3

REPORT NUMBER: P1197195

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

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
112.5°	0.6	0.6	1.2	3.2	5.1	6.3	8.4
113°	0.6	0.6	1.2	3.3	5.2	6.4	8.5
113.5°	0.6	0.6	1.3	3.4	5.3	6.5	8.6
114°	0.6	0.6	1.3	3.5	5.4	6.6	8.7
114.5°	0.6	0.6	1.4	3.5	5.5	6.7	8.7
115°	0.6	0.6	1.4	3.6	5.6	6.8	8.8
115.5°	0.6	0.6	1.5	3.7	5.8	6.9	8.9
116°	0.6	0.6	1.5	3.7	5.9	7.0	9.0
116.5°	0.6	0.7	1.6	3.8	6.0	7.1	9.1
117°	0.7	0.7	1.7	3.8	6.1	7.2	9.1
117.5°	0.7	0.7	1.7	3.9	6.2	7.3	9.2
118°	0.7	0.8	1.8	3.9	6.3	7.4	9.3
118.5°	0.7	0.8	1.8	4.0	6.4	7.5	9.3
119°	0.7	0.8	1.9	4.1	6.5	7.6	9.4
119.5°	0.8	0.9	2.0	4.1	6.6	7.8	9.4
120°	0.8	0.9	2.0	4.2	6.6	7.8	9.5
120.5°	0.8	1.0	2.1	4.2	6.7	7.9	9.6
121°	0.9	1.0	2.1	4.3	6.8	8.0	9.6
121.5°	0.9	1.1	2.2	4.4	6.9	8.0	9.7
122°	0.9	1.1	2.3	4.4	7.0	8.1	9.8
122.5°	0.9	1.1	2.3	4.5	7.1	8.2	9.8
123°	1.0	1.2	2.4	4.5	7.1	8.3	9.8
123.5°	1.0	1.2	2.5	4.6	7.2	8.3	9.9
124°	1.0	1.3	2.5	4.6	7.3	8.4	9.9
124.5°	1.1	1.3	2.6	4.7	7.4	8.5	9.9
125°	1.1	1.4	2.7	4.8	7.5	8.5	9.9
125.5°	1.1	1.4	2.7	4.8	7.5	8.6	9.9
126°	1.2	1.5	2.8	4.9	7.6	8.7	9.9
126.5°	1.2	1.5	2.8	5.0	7.7	8.7	9.9
127°	1.3	1.6	2.9	5.0	7.7	8.8	10.0
127.5°	1.3	1.7	3.0	5.1	7.8	8.8	10.0
128°	1.4	1.7	3.1	5.2	7.9	8.9	10.0
128.5°	1.4	1.8	3.1	5.2	7.9	8.9	10.0
129°	1.4	1.9	3.2	5.3	8.0	9.0	10.0
129.5°	1.5	1.9	3.3	5.4	8.0	9.1	10.0
130°	1.5	2.0	3.3	5.4	8.1	9.1	10.0
130.5°	1.6	2.0	3.4	5.5	8.1	9.2	10.1
131°	1.6	2.1	3.5	5.6	8.2	9.2	10.1
131.5°	1.7	2.1	3.5	5.6	8.2	9.3	10.1
132°	1.7	2.2	3.6	5.7	8.3	9.3	10.1
132.5°	1.8	2.3	3.7	5.8	8.3	9.4	10.2
133°	1.8	2.3	3.8	5.8	8.4	9.4	10.2
133.5°	1.9	2.4	3.8	5.9	8.4	9.5	10.2
134°	1.9	2.5	3.9	6.0	8.5	9.6	10.3
134.5°	2.0	2.5	4.0	6.0	8.5	9.6	10.4

REPORT NUMBER: P1197195

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

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
135°	2.0	2.6	4.0	6.1	8.6	9.7	10.4
135.5°	2.1	2.6	4.1	6.2	8.6	9.7	10.4
136°	2.2	2.7	4.2	6.3	8.6	9.8	10.5
136.5°	2.2	2.8	4.3	6.3	8.7	9.8	10.5
137°	2.3	2.8	4.3	6.4	8.7	9.9	10.6
137.5°	2.3	2.9	4.4	6.5	8.8	9.9	10.6
138°	2.4	3.0	4.5	6.5	8.8	10.0	10.7
138.5°	2.5	3.1	4.6	6.6	8.8	10.0	10.7
139°	2.5	3.2	4.6	6.6	8.9	10.1	10.7
139.5°	2.6	3.2	4.7	6.7	8.9	10.1	10.8
140°	2.7	3.3	4.8	6.8	8.9	10.1	10.8
140.5°	2.7	3.4	4.9	6.8	9.0	10.1	10.8
141°	2.8	3.5	4.9	6.9	9.0	10.1	10.8
141.5°	2.9	3.6	5.0	7.0	9.0	10.2	10.8
142°	2.9	3.7	5.1	7.0	9.1	10.2	10.8
142.5°	3.0	3.8	5.2	7.1	9.1	10.2	10.8
143°	3.1	3.8	5.3	7.1	9.1	10.2	10.8
143.5°	3.2	3.9	5.3	7.2	9.2	10.2	10.8
144°	3.2	4.0	5.4	7.2	9.2	10.2	10.8
144.5°	3.3	4.1	5.5	7.3	9.2	10.2	10.8
145°	3.4	4.1	5.6	7.3	9.2	10.2	10.8
145.5°	3.5	4.2	5.6	7.4	9.3	10.2	10.8
146°	3.5	4.3	5.7	7.5	9.3	10.2	10.8
146.5°	3.6	4.4	5.8	7.5	9.3	10.2	10.8
147°	3.7	4.4	5.8	7.6	9.4	10.2	10.8
147.5°	3.7	4.5	5.9	7.6	9.4	10.2	10.8
148°	3.8	4.6	6.0	7.7	9.4	10.2	10.8
148.5°	3.9	4.6	6.1	7.7	9.5	10.2	10.8
149°	4.0	4.7	6.1	7.8	9.5	10.2	10.8
149.5°	4.0	4.8	6.2	7.8	9.5	10.3	10.8
150°	4.1	4.9	6.3	7.9	9.5	10.3	10.8
150.5°	4.2	4.9	6.3	8.0	9.6	10.3	10.8
151°	4.2	5.0	6.4	8.0	9.6	10.3	10.8
151.5°	4.3	5.1	6.5	8.1	9.7	10.4	10.8
152°	4.4	5.2	6.6	8.2	9.7	10.4	10.8
152.5°	4.5	5.2	6.6	8.2	9.7	10.4	10.8
153°	4.5	5.3	6.7	8.3	9.8	10.4	10.7
153.5°	4.6	5.4	6.8	8.4	9.8	10.4	10.7
154°	4.7	5.5	6.9	8.4	9.9	10.5	10.7
154.5°	4.8	5.6	7.0	8.5	9.9	10.5	10.7
155°	4.9	5.6	7.0	8.5	10.0	10.5	10.7
155.5°	4.9	5.7	7.1	8.6	10.0	10.5	10.7
156°	5.0	5.8	7.2	8.6	10.0	10.5	10.7
156.5°	5.1	5.9	7.2	8.7	10.0	10.5	10.7
157°	5.2	6.0	7.3	8.7	10.1	10.5	10.7

REPORT NUMBER: P1197195

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

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
157.5°	5.3	6.0	7.4	8.8	10.1	10.5	10.7
158°	5.4	6.1	7.5	8.9	10.1	10.5	10.7
158.5°	5.4	6.2	7.5	8.9	10.1	10.5	10.7
159°	5.5	6.3	7.6	9.0	10.1	10.5	10.6
159.5°	5.6	6.3	7.7	9.0	10.2	10.5	10.6
160°	5.7	6.4	7.7	9.1	10.2	10.6	10.6
160.5°	5.8	6.5	7.8	9.1	10.2	10.6	10.6
161°	5.9	6.6	7.9	9.1	10.2	10.6	10.6
161.5°	6.0	6.7	7.9	9.2	10.3	10.6	10.6
162°	6.0	6.7	8.0	9.2	10.3	10.6	10.6
162.5°	6.1	6.8	8.1	9.3	10.3	10.6	10.6
163°	6.2	6.9	8.2	9.3	10.3	10.6	10.5
163.5°	6.3	7.0	8.2	9.3	10.3	10.6	10.5
164°	6.4	7.1	8.3	9.4	10.3	10.6	10.5
164.5°	6.5	7.2	8.4	9.4	10.4	10.6	10.4
165°	6.6	7.2	8.4	9.5	10.4	10.6	10.4
165.5°	6.7	7.3	8.5	9.5	10.4	10.6	10.4
166°	6.8	7.4	8.6	9.6	10.4	10.6	10.4
166.5°	6.9	7.5	8.7	9.6	10.4	10.6	10.4
167°	7.0	7.6	8.7	9.7	10.5	10.6	10.4
167.5°	7.1	7.7	8.8	9.7	10.5	10.6	10.4
168°	7.2	7.8	8.9	9.7	10.5	10.6	10.3
168.5°	7.3	7.9	9.0	9.8	10.5	10.6	10.3
169°	7.4	8.0	9.0	9.8	10.5	10.6	10.3
169.5°	7.6	8.1	9.1	9.9	10.5	10.6	10.3
170°	7.7	8.2	9.2	9.9	10.5	10.6	10.3
170.5°	7.8	8.3	9.2	9.9	10.5	10.6	10.2
171°	7.8	8.4	9.3	10.0	10.5	10.6	10.2
171.5°	7.9	8.4	9.3	10.0	10.5	10.6	10.2
172°	8.0	8.5	9.4	10.0	10.5	10.6	10.1
172.5°	8.1	8.6	9.4	10.0	10.5	10.6	10.1
173°	8.2	8.7	9.5	10.0	10.5	10.6	10.0
173.5°	8.3	8.7	9.5	10.1	10.5	10.6	10.0
174°	8.3	8.8	9.6	10.1	10.4	10.6	9.9
174.5°	8.4	8.9	9.6	10.1	10.4	10.5	9.9
175°	8.5	9.0	9.7	10.1	10.4	10.5	9.8
175.5°	8.6	9.0	9.7	10.1	10.4	10.5	9.7
176°	8.6	9.1	9.8	10.1	10.4	10.5	9.7
176.5°	8.7	9.2	9.8	10.1	10.4	10.4	9.7
177°	8.8	9.3	9.9	10.2	10.4	10.4	9.6
177.5°	8.9	9.3	9.9	10.2	10.4	10.4	9.5
178°	9.0	9.4	10.0	10.2	10.4	10.3	9.5
178.5°	9.0	9.4	10.0	10.2	10.4	10.3	9.4
179°	9.1	9.5	10.0	10.2	10.4	10.3	9.4
179.5°	9.1	9.6	10.1	10.3	10.4	10.2	9.3



REPORT NUMBER: P1197195
CATALOG NUMBER: AWPS75S-BZ-MID-5000K-POSITION 15

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
180°	9.2	9.2	9.2	9.2	9.2	9.2	9.2

(END OF REPORT)