

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: P1197042

Luminaire Tested: AWP75S-BZ-MID-5000K-POSITION 0

Issue Date: 10/29/2025

Test Information

Test Method: LM-79-2019
Report Number: P1197042
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-MID-5000K-POSITION 0
Description: AWP Architectural Wall Pack Series - Wall Mount Luminaire
Light Source: 80 CRI, 5000K
Ballast/Driver: -

Summary

Lumens per Lamp: 9100 (1 lamp)
Luminaire Lumens: 9737.1 lumens
Efficiency: 107.0%
Efficacy: 146.9 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.4' x L: 0.56' x H: 0.69')
IES Classification: Type III - Short - Cutoff
BUG Rating: B3 - U1 - G1

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

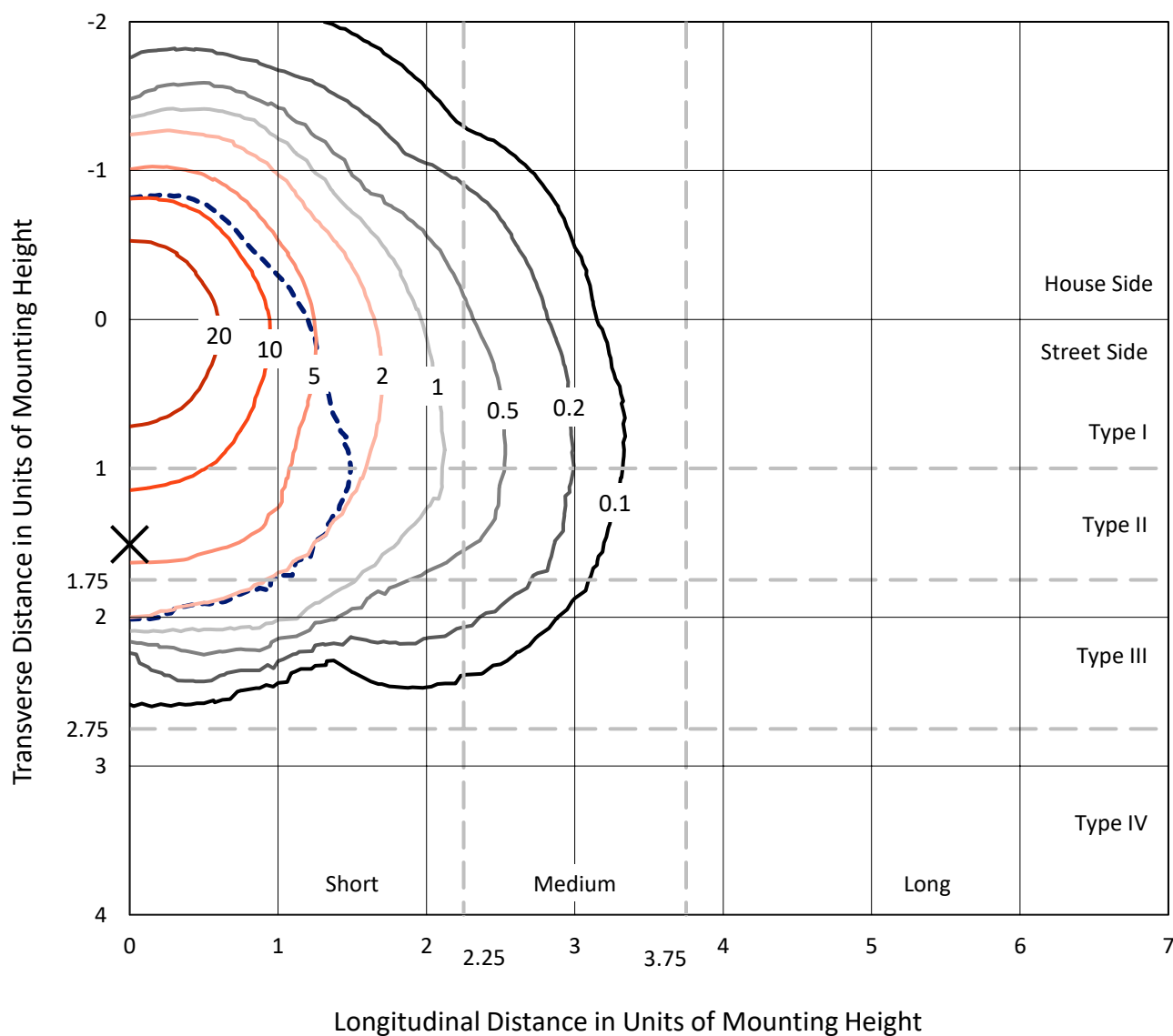
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

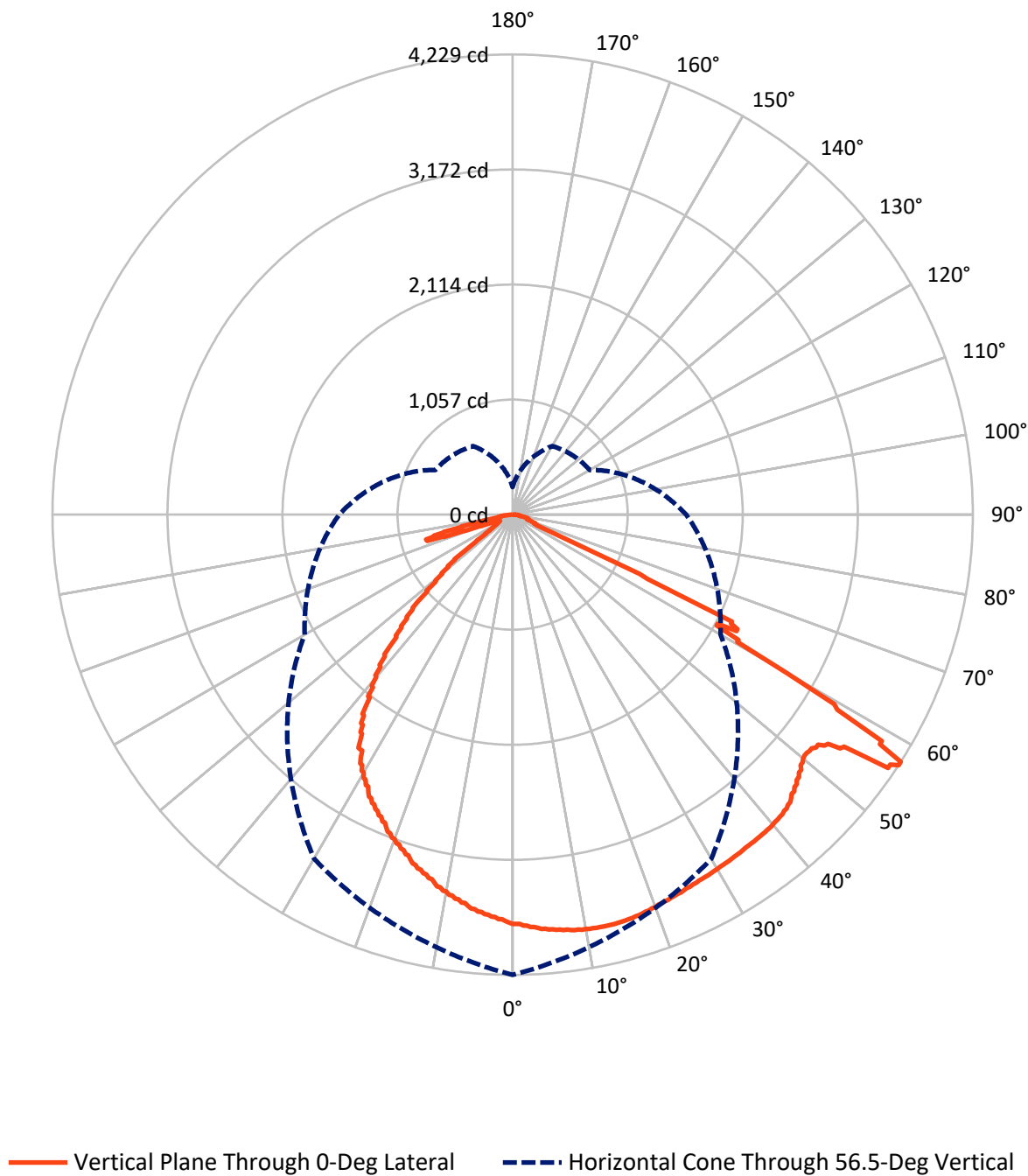


Based on 10 foot mounting height. Maximum calculated value = 37.6 fc
 Type III - Short - Cutoff

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Luminous Intensity Polar Plot



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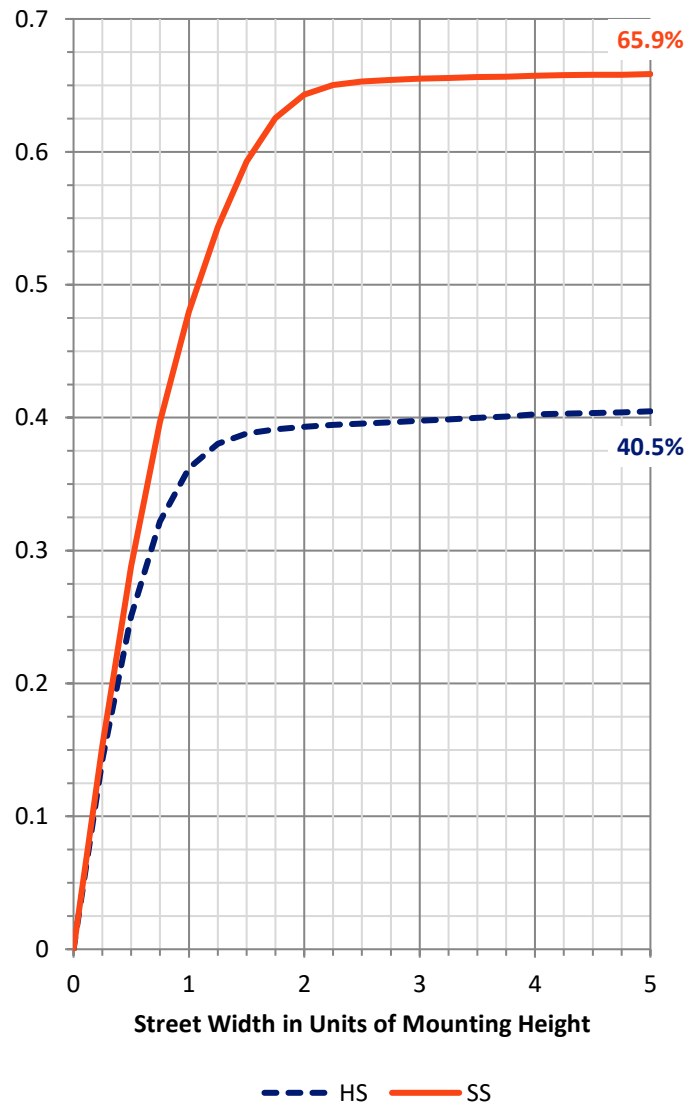
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3742.8	1.4	3744.2
	% Lamp	41.1	0.0	41.1
Street Side	Lumens	5992.9	0.0	5992.9
	% Lamp	65.9	0.0	65.9
Total	Lumens	9735.6	1.5	9737.1
	% Lamp	107.0	0.0	107.0

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	358.0	3.7	3.9
10°-20°	1025.8	10.5	11.3
20°-30°	1556.0	16.0	17.1
30°-40°	1892.4	19.4	20.8
40°-50°	1941.7	19.9	21.3
50°-60°	1712.2	17.6	18.8
60°-70°	910.1	9.3	10.0
70°-80°	260.6	2.7	2.9
80°-90°	78.8	0.8	0.9
90°-100°	1.5	0.0	0.0
100°-110°	0.0	0.0	0.0
110°-120°	0.0	0.0	0.0
120°-130°	0.0	0.0	0.0
130°-140°	0.0	0.0	0.0
140°-150°	0.0	0.0	0.0
150°-160°	0.0	0.0	0.0
160°-170°	0.0	0.0	0.0
170°-180°	0.0	0.0	0.0
0°-90°	9735.6	100.0	107.0
0°-180°	9737.1	100.0	107.0

Coefficient of Utilization



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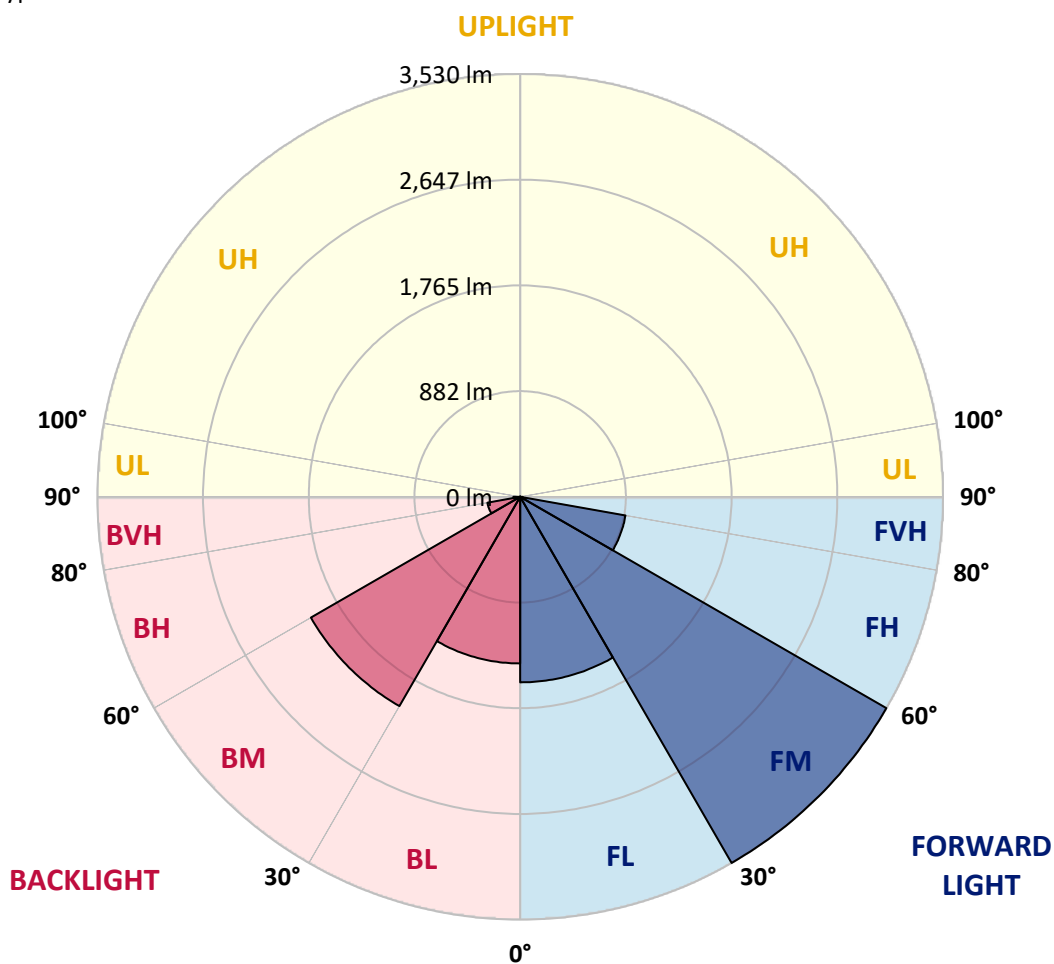
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1548.9	17.0			
FM	(30°-60°)	3529.5	38.8			
FH	(60°-80°)	893.1	9.8			G1/1800
FVH	(80°-90°)	21.4	0.2			G1/100
BL	(0°-30°)	1391.0	15.3	B3/2500		
BM	(30°-60°)	2016.8	22.2	B2/2500		
BH	(60°-80°)	277.6	3.1	B1/500		G1/500
BVH	(80°-90°)	57.4	0.6			G1/100
UL	(90°-100°)	1.5	0.0		U1/10	
UH	(100°-180°)	0.0	0.0		U0/0	
Trapped Light		-637.1	-7.0			

BUG Rating: B3-U1-G1

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°
0°	3761.1	3761.1	3761.1	3761.1	3761.1	3761.1	3761.1
0.5°	3761.1	3761.1	3761.1	3761.1	3761.1	3761.1	3761.1
1°	3776.8	3776.8	3798.3	3794.7	3767.4	3789.4	3749.1
1.5°	3777.6	3787.3	3799.4	3794.7	3756.9	3788.3	3734.7
2°	3792.0	3788.9	3801.3	3791.1	3756.5	3775.9	3718.1
2.5°	3793.0	3796.5	3802.1	3791.1	3746.0	3774.8	3718.1
3°	3804.4	3808.2	3803.2	3790.2	3745.9	3762.4	3700.6
3.5°	3815.8	3809.3	3805.1	3790.4	3735.4	3749.8	3699.4
4°	3816.4	3814.1	3805.6	3785.6	3734.9	3749.8	3682.2
4.5°	3826.9	3815.2	3803.7	3780.6	3720.1	3734.9	3680.8
5°	3827.5	3825.7	3804.8	3780.6	3709.6	3733.8	3661.7
5.5°	3836.1	3826.6	3801.9	3774.6	3709.0	3720.5	3660.3
6°	3836.1	3832.3	3802.5	3774.6	3689.9	3718.5	3640.3
6.5°	3844.7	3833.2	3800.6	3768.6	3689.3	3699.4	3638.3
7°	3845.2	3837.0	3797.2	3768.2	3672.1	3697.6	3618.2
7.5°	3854.0	3843.7	3797.8	3761.6	3671.4	3686.1	3595.0
8°	3859.7	3844.3	3793.0	3761.1	3655.1	3684.4	3595.0
8.5°	3859.8	3847.1	3793.3	3751.5	3654.1	3664.4	3569.1
9°	3866.5	3847.8	3786.6	3750.8	3634.1	3644.1	3567.2
9.5°	3866.8	3849.7	3786.8	3732.7	3632.2	3644.1	3543.3
10°	3870.6	3850.1	3781.1	3732.1	3615.0	3621.3	3541.1
10.5°	3870.4	3850.1	3781.1	3732.1	3595.9	3619.3	3515.3
11°	3873.3	3850.4	3772.5	3715.9	3594.3	3598.3	3513.1
11.5°	3873.0	3852.4	3772.7	3715.9	3570.4	3595.8	3487.3
12°	3875.9	3852.7	3765.1	3702.7	3569.1	3572.9	3484.9
12.5°	3875.2	3849.8	3754.3	3701.6	3547.1	3570.6	3459.1
13°	3874.8	3846.9	3754.0	3691.1	3546.0	3548.6	3430.1
13.5°	3874.8	3846.9	3742.5	3689.9	3526.0	3521.7	3427.5
14°	3874.4	3842.2	3742.0	3675.5	3524.5	3521.7	3399.8
14.5°	3871.5	3841.9	3730.5	3674.3	3498.7	3494.1	3397.2
15°	3870.4	3838.0	3730.1	3660.0	3470.5	3491.3	3369.5
15.5°	3867.5	3837.7	3718.7	3642.6	3468.8	3464.6	3366.7
16°	3866.4	3831.0	3718.0	3642.6	3439.2	3461.5	3338.0
16.5°	3860.7	3830.4	3701.7	3622.7	3437.3	3433.8	3335.1
17°	3859.6	3820.9	3700.7	3622.7	3408.6	3430.8	3304.6
17.5°	3853.8	3812.8	3686.6	3602.2	3406.6	3405.0	3272.3
18°	3847.1	3812.1	3669.4	3600.4	3376.1	3401.8	3272.3
18.5°	3846.0	3802.5	3668.4	3584.2	3374.3	3371.2	3239.5
19°	3836.5	3801.5	3647.4	3582.0	3342.8	3335.5	3236.1
19.5°	3836.5	3792.0	3646.4	3560.0	3340.5	3335.5	3205.5
20°	3826.6	3791.1	3628.2	3535.2	3307.6	3302.7	3202.4
20.5°	3825.4	3779.6	3627.0	3535.2	3270.3	3298.8	3171.8
21°	3817.8	3778.8	3606.0	3513.0	3268.2	3268.2	3168.6
21.5°	3816.8	3768.3	3604.9	3513.0	3234.8	3264.7	3136.2
22°	3808.2	3767.4	3584.9	3484.1	3232.0	3233.2	3132.9

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
22.5°	3806.8	3755.9	3561.7	3481.8	3200.5	3229.9	3100.4
23°	3801.2	3744.0	3560.5	3457.0	3197.9	3198.4	3063.7
23.5°	3801.2	3744.0	3540.5	3454.9	3160.6	3194.4	3063.7
24°	3793.2	3730.9	3539.1	3429.1	3157.9	3161.0	3027.7
24.5°	3787.5	3730.3	3519.1	3427.0	3121.7	3120.0	3023.8
25°	3786.6	3719.7	3518.0	3402.2	3119.0	3120.0	2989.4
25.5°	3780.8	3719.1	3493.2	3374.7	3077.3	3084.4	2986.1
26°	3779.8	3706.7	3491.9	3374.7	3041.0	3080.6	2950.8
26.5°	3774.1	3706.1	3468.9	3344.6	3038.1	3043.3	2946.9
27°	3773.0	3694.7	3467.7	3344.6	2997.0	3039.0	2911.5
27.5°	3771.1	3694.5	3440.1	3314.0	2994.1	3005.6	2908.0
28°	3770.1	3684.0	3439.0	3314.0	2951.2	3001.1	2872.7
28.5°	3765.2	3672.1	3414.8	3283.0	2948.2	2964.8	2829.7
29°	3761.3	3671.7	3386.2	3280.0	2906.1	2923.1	2825.8
29.5°	3760.4	3660.3	3385.0	3247.5	2902.7	2923.1	2785.7
30°	3756.6	3649.3	3358.1	3244.8	2861.7	2881.6	2781.8
30.5°	3755.5	3649.3	3358.1	3210.4	2814.1	2877.0	2736.0
31°	3751.7	3648.9	3331.4	3173.2	2810.5	2837.8	2731.9
31.5°	3751.0	3637.5	3330.2	3173.2	2766.6	2833.2	2685.1
32°	3747.2	3637.1	3299.6	3137.6	2763.2	2795.0	2681.1
32.5°	3746.1	3625.6	3298.4	3137.6	2718.3	2790.3	2630.5
33°	3743.2	3613.0	3268.5	3099.2	2714.6	2752.1	2572.0
33.5°	3743.2	3613.0	3240.8	3062.0	2666.1	2747.4	2572.0
34°	3738.4	3600.2	3239.5	3062.0	2666.1	2707.3	2567.8
34.5°	3734.6	3599.8	3207.9	3058.6	2622.2	2659.7	2505.1
35°	3733.6	3587.4	3206.6	3058.6	2622.2	2659.7	2443.0
35.5°	3733.6	3587.4	3175.1	2979.0	2568.4	2609.1	2438.2
36°	3732.6	3576.9	3174.0	2979.0	2520.6	2604.1	2372.3
36.5°	3729.8	3576.6	3142.5	2935.5	2516.4	2555.4	2367.2
37°	3729.2	3567.0	3141.5	2935.5	2470.6	2550.6	2296.5
37.5°	3728.2	3566.9	3106.2	2890.8	2466.3	2501.9	2291.4
38°	3727.5	3552.6	3070.3	2887.2	2417.6	2496.7	2216.9
38.5°	3724.0	3541.8	3069.2	2845.1	2413.1	2444.2	2132.2
39°	3724.0	3541.8	3034.8	2841.5	2366.4	2439.3	2132.2
39.5°	3719.5	3531.9	3033.8	2798.6	2361.9	2381.1	2042.0
40°	3712.8	3531.2	2995.6	2794.6	2309.3	2313.5	2035.5
40.5°	3712.1	3517.8	2994.2	2748.7	2304.5	2313.5	1948.6
41°	3705.4	3517.1	2957.0	2695.2	2249.7	2243.3	1941.8
41.5°	3704.7	3507.5	2956.0	2695.2	2196.2	2237.7	1852.0
42°	3692.3	3506.2	2918.8	2642.6	2191.1	2170.9	1845.0
42.5°	3691.4	3497.6	2917.8	2642.6	2134.7	2165.0	1752.4
43°	3675.2	3495.9	2879.7	2587.9	2129.4	2091.5	1744.7
43.5°	3673.9	3486.4	2837.6	2583.6	2071.2	2085.3	1651.1
44°	3651.8	3473.8	2836.5	2530.2	2065.6	2009.0	1552.4
44.5°	3628.0	3471.3	2793.5	2525.6	2002.5	1920.2	1543.8

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
45°	3628.0	3459.8	2792.3	2472.2	1996.9	1920.2	1456.9
45.5°	3601.2	3457.0	2747.4	2467.5	1934.9	1828.7	1447.9
46°	3599.5	3441.7	2745.8	2411.1	1859.2	1821.4	1360.1
46.5°	3569.6	3438.8	2705.7	2348.7	1853.1	1733.6	1350.9
47°	3569.6	3425.5	2704.3	2348.7	1782.5	1726.1	1265.9
47.5°	3539.6	3403.5	2657.4	2285.7	1776.4	1634.5	1256.3
48°	3539.6	3403.5	2657.4	2285.7	1704.7	1627.0	1176.1
48.5°	3508.1	3381.2	2613.4	2217.3	1698.0	1536.2	1056.7
49°	3505.8	3381.2	2564.7	2212.2	1625.5	1528.6	1056.7
49.5°	3484.8	3359.9	2562.7	2154.9	1619.4	1437.0	939.2
50°	3477.5	3359.3	2513.1	2149.7	1539.2	1338.8	929.8
50.5°	3477.5	3336.4	2510.7	2081.9	1532.1	1338.8	842.9
51°	3487.9	3337.5	2461.0	2015.6	1438.8	1329.7	842.9
51.5°	3487.9	3316.5	2458.8	2015.6	1438.8	1198.8	758.5
52°	3514.1	3318.9	2408.2	1947.3	1333.8	1188.5	758.5
52.5°	3514.1	3304.6	2406.7	1947.3	1230.7	1095.6	672.5
53°	3566.1	3309.1	2357.0	1876.2	1223.8	1095.6	672.5
53.5°	3583.2	3308.2	2309.2	1871.2	1123.5	1008.7	545.2
54°	3697.8	3350.7	2312.4	1809.1	1117.0	1008.7	415.3
54.5°	3719.3	3350.7	2270.4	1804.7	1015.8	921.6	407.3
55°	3916.9	3462.2	2279.9	1738.8	1008.9	846.2	304.8
55.5°	4162.2	3486.3	2236.0	1734.2	915.3	836.4	304.8
56°	4162.2	3642.9	2252.4	1666.4	908.2	736.1	252.3
56.5°	4228.8	3650.2	2205.6	1593.7	819.9	727.6	252.3
57°	4228.8	3828.7	2224.4	1593.7	819.9	642.6	222.4
57.5°	3980.5	3805.8	2179.5	1518.3	743.8	635.4	222.4
58°	3980.5	3936.6	2193.2	1518.3	676.0	553.8	201.2
58.5°	3480.5	3889.1	2149.3	1441.1	668.3	553.8	201.2
59°	3431.1	3854.7	2098.9	1436.2	595.8	448.8	185.2
59.5°	2904.9	3542.6	2072.0	1359.8	587.8	448.8	182.4
60°	2374.4	3491.3	2031.9	1355.6	505.6	335.1	171.3
60.5°	2374.4	3071.2	1987.8	1278.3	497.5	266.4	162.2
61°	2133.9	3048.3	1944.8	1273.8	419.2	258.2	162.2
61.5°	2133.9	2611.9	1899.0	1196.4	364.3	223.7	156.2
62°	2318.6	2629.5	1857.0	1117.5	356.5	223.7	156.2
62.5°	2318.6	2227.5	1814.8	1117.5	328.8	206.4	148.1
63°	2240.5	2217.9	1785.2	1039.0	320.9	206.4	148.1
63.5°	2240.5	2017.3	1764.1	1039.0	303.7	196.0	137.6
64°	1372.4	2059.7	1758.4	964.4	296.1	196.0	130.0
64.5°	1289.3	2059.7	1766.1	965.2	285.6	188.3	129.3
65°	548.3	2109.9	1779.5	898.4	278.6	181.6	129.5
65.5°	246.6	2083.9	1829.2	903.6	266.1	180.3	129.5
66°	246.6	1678.1	1786.6	838.7	259.3	173.6	132.6
66.5°	218.8	1676.9	1842.9	781.5	242.2	172.5	132.6
67°	218.8	948.3	1766.4	781.5	234.6	168.8	138.1

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
67.5°	222.6	948.9	1792.2	723.1	228.2	166.9	137.9
68°	222.6	397.0	1734.3	723.1	219.6	166.0	162.7
68.5°	217.6	396.5	1673.2	658.5	213.4	166.0	162.7
69°	216.9	205.5	1529.9	645.6	206.8	165.3	189.4
69.5°	190.1	176.9	1527.2	586.3	200.5	165.3	216.2
70°	187.6	176.9	1361.1	568.9	192.0	157.7	215.5
70.5°	164.7	167.9	1360.4	514.5	186.2	151.0	298.8
71°	148.6	166.4	1159.9	493.4	175.7	149.9	298.8
71.5°	148.6	159.7	1159.2	444.7	170.6	146.1	459.8
72°	137.8	158.7	946.2	367.0	154.3	145.0	459.8
72.5°	137.8	137.7	944.0	367.0	145.7	142.2	663.9
73°	144.5	138.5	744.5	313.6	142.3	142.2	663.9
73.5°	144.5	122.2	742.8	313.6	133.7	135.6	821.8
74°	149.0	122.7	580.4	272.7	131.2	135.6	821.8
74.5°	149.5	109.4	446.3	258.7	131.2	125.1	828.3
75°	148.6	98.8	445.2	233.0	120.9	124.3	747.2
75.5°	144.3	98.3	323.0	220.1	112.3	109.0	745.7
76°	144.3	93.5	322.5	189.6	109.1	92.8	653.3
76.5°	137.1	92.7	224.1	147.7	97.2	91.9	653.3
77°	137.1	94.6	224.3	147.7	88.6	79.5	479.2
77.5°	119.8	92.8	171.8	116.4	85.9	79.5	479.2
78°	119.8	96.6	172.2	116.4	78.2	78.7	286.3
78.5°	96.7	94.2	151.2	95.1	76.2	78.7	286.3
79°	74.7	94.8	151.5	95.1	65.7	84.3	183.9
79.5°	74.1	93.8	131.3	79.7	64.3	84.3	134.3
80°	74.1	93.8	131.3	79.7	55.7	127.3	138.9
80.5°	60.7	89.6	111.0	67.1	54.6	237.1	124.6
81°	59.3	89.6	92.8	65.2	47.0	236.3	124.6
81.5°	59.3	84.9	92.3	55.6	46.0	337.6	117.1
82°	62.6	85.4	77.1	46.4	38.5	336.9	117.1
82.5°	62.6	76.8	76.2	46.4	31.8	372.4	105.6
83°	62.1	76.9	62.8	35.4	30.8	372.4	105.6
83.5°	62.1	64.5	61.5	35.4	23.2	344.9	91.4
84°	58.1	64.2	48.1	30.2	22.8	344.9	91.4
84.5°	57.2	49.8	26.6	28.1	16.1	312.7	76.6
85°	51.5	34.9	25.1	22.4	15.5	312.7	62.3
85.5°	50.9	34.9	9.8	20.8	9.7	275.8	58.5
86°	44.2	24.7	8.8	15.0	9.1	236.7	46.7
86.5°	31.5	23.4	2.1	14.3	6.3	236.4	46.7
87°	31.5	14.8	1.2	10.5	3.0	195.0	33.8
87.5°	22.0	13.8	1.2	7.6	2.7	195.0	33.8
88°	22.0	7.1	0.5	7.6	0.8	152.8	21.8
88.5°	10.5	5.9	0.5	3.8	0.4	152.8	21.8
89°	10.5	2.1	0.1	3.8	0.4	106.9	11.2
89.5°	1.9	1.2	0.1	1.0	0.1	106.9	11.2

REPORT NUMBER: P1197042

CATALOG NUMBER: AWP75S-BZ-MID-5000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
90°	1.9	1.2	0.1	1.0	0.1	67.8	7.1
90.5°	0.0	0.0	0.0	0.0	0.0	67.8	7.1
91°	0.0	0.0	0.0	0.0	0.0	31.5	3.3
91.5°	0.0	0.0	0.0	0.0	0.0	3.8	0.4
92°	0.0	0.0	0.0	0.0	0.0	3.8	0.4
92.5°	0.0	0.0	0.0	0.0	0.0	1.0	0.1
93°	0.0	0.0	0.0	0.0	0.0	1.0	0.1
93.5°	0.0	0.0	0.0	0.0	0.0	1.0	0.1
94°	0.0	0.0	0.0	0.0	0.0	1.0	0.1
94.5°	0.0	0.0	0.0	0.0	0.0	1.0	0.1
95°	0.0	0.0	0.0	0.0	0.0	1.0	0.1
95.5°	0.0	0.0	0.0	0.0	0.0	1.0	0.1
96°	0.0	0.0	0.0	0.0	0.0	1.0	0.1
96.5°	0.0	0.0	0.0	0.0	0.0	1.0	0.1
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1197042

CATALOG NUMBER: AWP75S-BZ-MID-5000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1197042

CATALOG NUMBER: AWP75S-BZ-MID-5000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1197042

CATALOG NUMBER: AWP75S-BZ-MID-5000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1197042
CATALOG NUMBER: AWP75S-BZ-MID-5000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)