

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: P1197039

Luminaire Tested: AWP75S-BZ-MID-4000K-POSITION 0

Issue Date: 10/29/2025

Test Information

Test Method: LM-79-2019
Report Number: P1197039
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-4000K-POSITION 0
Description: AWP Architectural Wall Pack Series - Wall Mount Luminaire
Light Source: 80 CRI, 4000K
Ballast/Driver: -

Summary

Lumens per Lamp: 9425 (1 lamp)
Luminaire Lumens: 9975.6 lumens
Efficiency: 105.8%
Efficacy: 153.7 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): 64.9
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

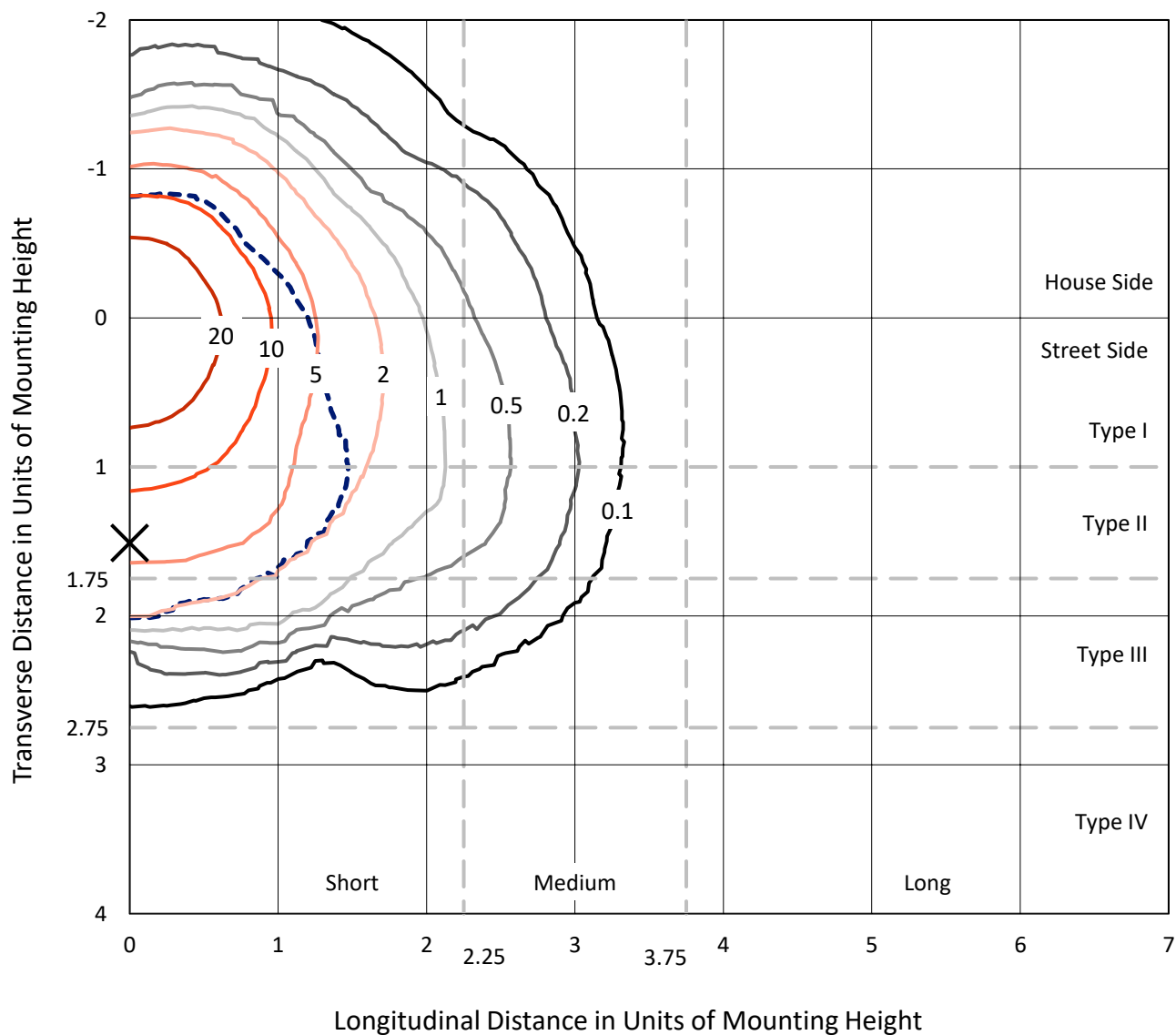
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

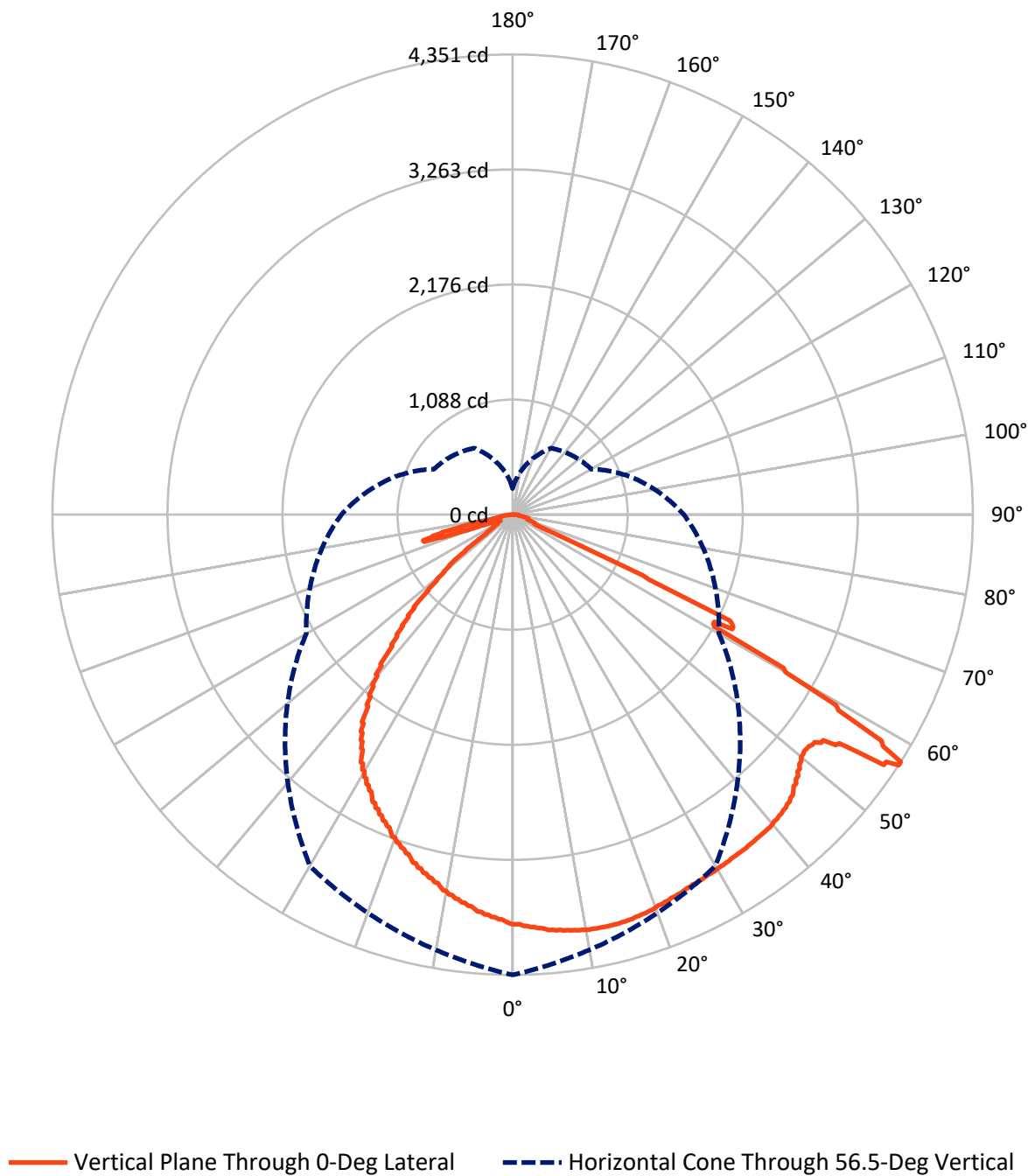


Based on 10 foot mounting height. Maximum calculated value = 38.7 fc
 Type III - Short - Cutoff

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Luminous Intensity Polar Plot



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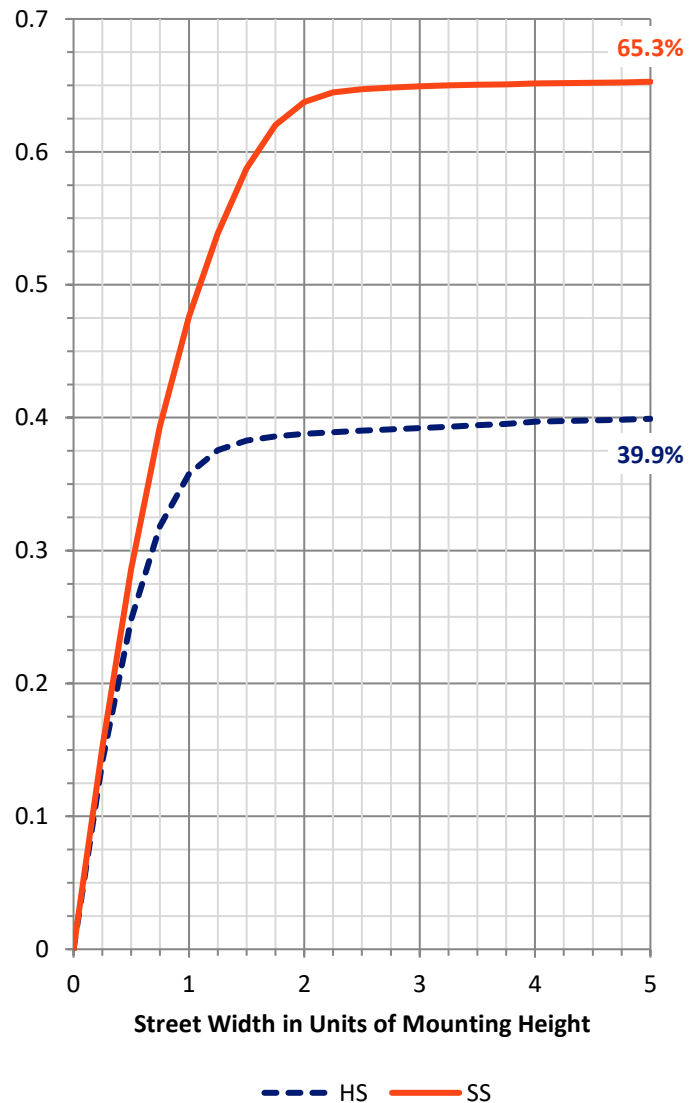
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3822.2	1.5	3823.8
	% Lamp	40.6	0.0	40.6
Street Side	Lumens	6151.8	0.0	6151.8
	% Lamp	65.3	0.0	65.3
Total	Lumens	9974.1	1.5	9975.6
	% Lamp	105.8	0.0	105.8

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	368.8	3.7	3.9
10°-20°	1056.2	10.6	11.2
20°-30°	1600.1	16.0	17.0
30°-40°	1943.2	19.5	20.6
40°-50°	1989.4	19.9	21.1
50°-60°	1744.3	17.5	18.5
60°-70°	923.0	9.3	9.8
70°-80°	269.2	2.7	2.9
80°-90°	79.9	0.8	0.8
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°	9974.1	100.0	105.8
0°-180°	9975.6	100.0	105.8

Coefficient of Utilization



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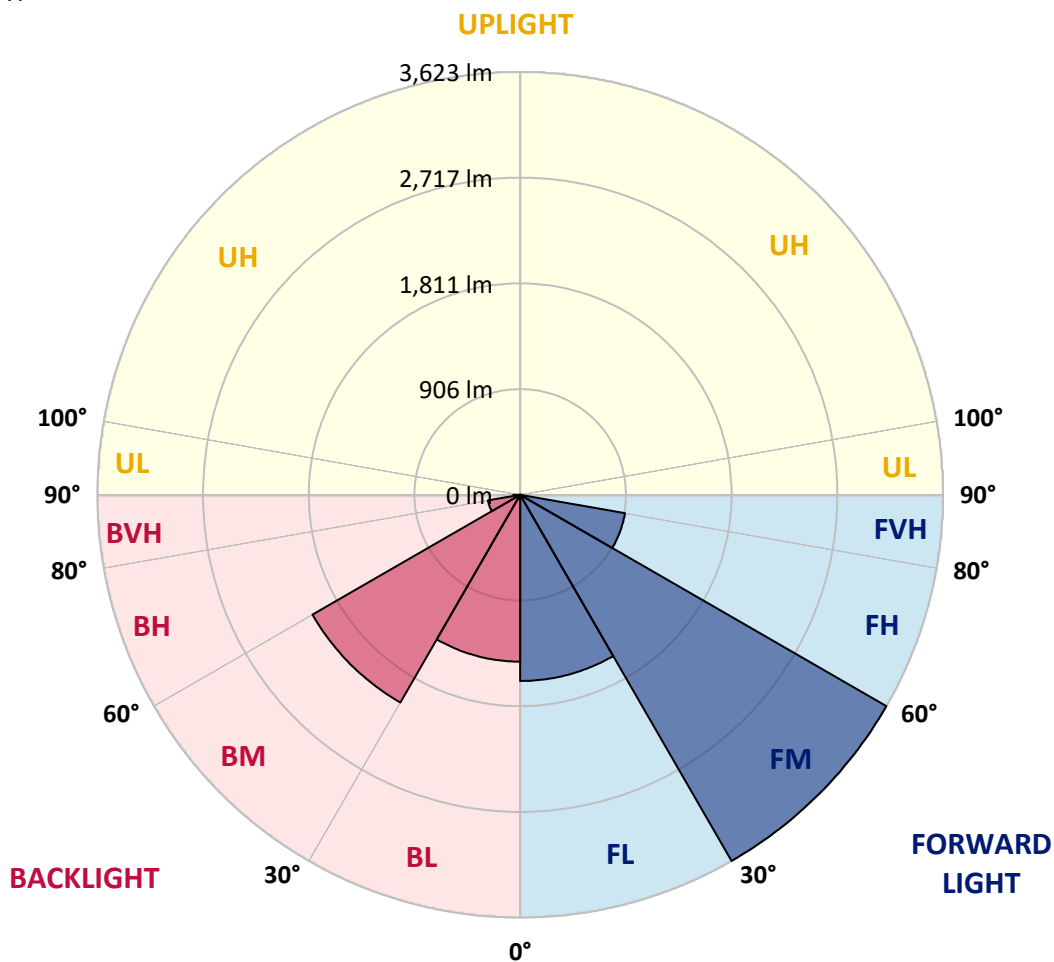
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1595.3	16.9			
FM	(30°-60°)	3622.6	38.4			
FH	(60°-80°)	911.8	9.7			G1/1800
FVH	(80°-90°)	22.1	0.2			G1/100
BL	(0°-30°)	1429.7	15.2	B3/2500		
BM	(30°-60°)	2054.3	21.8	B2/2500		
BH	(60°-80°)	280.4	3.0	B1/500		G1/500
BVH	(80°-90°)	57.8	0.6			G1/100
UL	(90°-100°)	1.5	0.0		U1/10	
UH	(100°-180°)	0.0	0.0		U0/0	
Trapped Light		-550.6	-5.8			

BUG Rating: B3-U1-G1

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°
0°	3872.2	3872.2	3872.2	3872.2	3872.2	3872.2	3872.2
0.5°	3872.2	3872.2	3872.2	3872.2	3872.2	3872.2	3872.2
1°	3890.2	3892.5	3915.7	3910.7	3875.6	3907.3	3860.8
1.5°	3891.0	3903.4	3917.6	3910.8	3875.6	3897.4	3845.2
2°	3902.8	3904.4	3917.6	3908.8	3865.6	3896.6	3828.4
2.5°	3903.4	3914.3	3921.4	3909.1	3865.6	3882.8	3827.2
3°	3917.2	3915.4	3921.4	3906.1	3851.5	3881.6	3808.5
3.5°	3917.9	3924.3	3922.1	3906.1	3851.5	3868.8	3807.4
4°	3929.7	3932.2	3922.7	3901.2	3837.3	3867.6	3789.7
4.5°	3942.1	3933.2	3919.8	3900.9	3837.3	3853.8	3788.5
5°	3942.1	3940.1	3920.3	3896.0	3824.0	3837.0	3767.5
5.5°	3951.5	3940.8	3918.4	3890.9	3807.8	3835.7	3767.5
6°	3951.5	3940.8	3918.4	3890.9	3807.8	3820.9	3745.5
6.5°	3961.7	3952.5	3915.3	3882.7	3790.4	3819.5	3722.8
7°	3962.0	3952.5	3912.4	3882.4	3790.4	3802.7	3721.4
7.5°	3969.9	3957.1	3912.7	3874.5	3772.0	3801.2	3697.7
8°	3970.0	3957.1	3907.7	3874.1	3772.0	3782.5	3696.2
8.5°	3978.9	3961.8	3908.1	3864.3	3753.4	3781.0	3671.5
9°	3979.0	3965.7	3903.5	3863.8	3753.4	3762.2	3669.9
9.5°	3984.9	3966.2	3903.5	3854.0	3730.9	3737.7	3640.4
10°	3988.8	3969.5	3896.8	3842.5	3730.0	3737.7	3640.4
10.5°	3988.8	3969.5	3896.8	3842.5	3709.2	3714.3	3612.0
11°	3992.6	3969.8	3888.9	3829.1	3686.5	3712.5	3612.0
11.5°	3992.3	3969.8	3880.0	3828.3	3686.5	3689.8	3583.4
12°	3994.3	3969.0	3879.9	3816.5	3662.8	3687.9	3553.8
12.5°	3993.9	3969.0	3870.1	3815.7	3662.8	3662.2	3551.7
13°	3993.9	3967.0	3869.9	3801.8	3636.0	3660.1	3522.1
13.5°	3993.4	3963.1	3857.7	3800.9	3636.0	3634.4	3520.0
14°	3993.4	3963.1	3857.7	3786.0	3608.1	3632.2	3490.3
14.5°	3990.7	3958.0	3846.5	3785.1	3608.1	3605.6	3488.1
15°	3990.7	3958.0	3846.5	3770.3	3581.2	3575.8	3455.2
15.5°	3985.9	3949.8	3832.0	3752.4	3550.2	3573.4	3455.2
16°	3985.9	3949.8	3832.0	3752.4	3550.2	3543.8	3421.2
16.5°	3978.2	3943.3	3816.7	3732.4	3519.0	3541.3	3421.2
17°	3977.3	3943.3	3799.9	3731.0	3519.0	3512.7	3389.2
17.5°	3971.3	3932.9	3799.1	3710.3	3486.7	3510.1	3356.6
18°	3971.3	3932.9	3781.3	3708.8	3486.7	3478.5	3354.0
18.5°	3963.5	3921.5	3780.4	3690.1	3452.6	3475.8	3321.4
19°	3962.5	3909.6	3762.7	3688.7	3452.6	3442.3	3318.7
19.5°	3952.7	3908.8	3762.7	3667.0	3416.2	3439.4	3288.1
20°	3942.8	3896.2	3741.0	3665.3	3416.2	3407.8	3285.4
20.5°	3942.8	3896.2	3741.0	3643.5	3379.9	3372.4	3248.2
21°	3933.8	3882.7	3719.2	3618.1	3342.4	3369.4	3248.2
21.5°	3933.8	3882.7	3719.2	3618.1	3342.4	3333.9	3211.7
22°	3922.8	3869.1	3696.4	3590.7	3304.7	3331.0	3178.1

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
22.5°	3921.9	3869.1	3673.7	3588.8	3304.7	3296.4	3175.3
23°	3915.0	3856.7	3672.7	3565.1	3265.3	3293.3	3141.7
23.5°	3914.0	3856.7	3650.0	3563.2	3265.3	3259.7	3138.9
24°	3906.1	3843.2	3648.9	3536.6	3224.5	3256.6	3102.4
24.5°	3898.3	3830.8	3624.3	3534.6	3224.5	3221.0	3099.4
25°	3898.3	3830.8	3624.3	3507.0	3181.8	3181.1	3060.9
25.5°	3890.4	3817.4	3598.5	3476.3	3179.4	3181.1	3060.9
26°	3890.4	3817.4	3598.5	3476.3	3138.0	3141.2	3021.3
26.5°	3884.6	3805.1	3571.9	3444.6	3094.0	3137.7	3021.3
27°	3883.8	3805.1	3546.2	3442.4	3094.0	3100.2	2981.7
27.5°	3877.9	3791.8	3545.2	3412.8	3048.2	3096.6	2941.2
28°	3876.9	3791.8	3517.5	3410.5	3048.2	3059.1	2938.1
28.5°	3873.9	3780.7	3516.6	3377.9	3002.0	3055.5	2899.6
29°	3873.0	3780.7	3488.0	3375.6	3002.0	3017.0	2896.4
29.5°	3868.1	3768.4	3487.0	3344.0	2955.0	3013.3	2853.0
30°	3864.3	3756.3	3458.4	3341.7	2955.0	2973.9	2849.7
30.5°	3864.3	3756.3	3458.4	3307.1	2906.7	2931.6	2799.2
31°	3860.4	3744.3	3427.8	3270.1	2857.5	2927.7	2799.2
31.5°	3860.4	3744.3	3427.8	3270.1	2857.5	2886.3	2747.4
32°	3852.6	3732.8	3396.3	3230.1	2805.0	2882.2	2747.4
32.5°	3851.7	3732.8	3365.7	3227.6	2805.0	2841.7	2691.7
33°	3850.7	3720.9	3364.7	3190.1	2755.5	2837.9	2635.4
33.5°	3849.8	3720.9	3333.1	3187.4	2755.5	2797.4	2632.1
34°	3847.9	3708.9	3332.2	3148.9	2704.9	2793.5	2571.9
34.5°	3847.1	3696.1	3299.5	3146.3	2704.9	2749.1	2568.2
35°	3843.2	3695.7	3299.5	3105.9	2653.2	2745.0	2504.0
35.5°	3839.2	3682.7	3264.9	3061.6	2649.8	2699.6	2500.3
36°	3839.2	3682.7	3264.9	3061.6	2599.4	2647.1	2425.2
36.5°	3833.6	3672.4	3229.5	3016.3	2545.6	2642.9	2425.2
37°	3833.6	3672.4	3229.5	3016.3	2545.6	2591.6	2347.9
37.5°	3830.9	3660.4	3193.0	2969.9	2490.6	2587.3	2268.9
38°	3830.0	3660.4	3156.5	2966.9	2490.6	2532.1	2264.3
38.5°	3827.1	3647.3	3155.4	2921.5	2435.5	2527.8	2181.4
39°	3826.2	3647.3	3117.9	2918.4	2435.5	2472.5	2176.8
39.5°	3819.3	3636.9	3117.1	2871.0	2378.3	2468.1	2090.0
40°	3810.7	3625.3	3077.7	2867.8	2378.3	2406.9	2084.9
40.5°	3810.7	3625.3	3077.7	2818.5	2319.9	2335.3	1988.5
41°	3801.0	3611.8	3037.2	2763.9	2315.7	2335.3	1988.5
41.5°	3801.0	3611.8	3037.2	2763.9	2260.4	2260.6	1888.0
42°	3789.3	3601.0	2996.9	2709.3	2198.9	2255.9	1888.0
42.5°	3788.3	3601.0	2956.4	2705.9	2198.9	2181.9	1786.1
43°	3771.5	3590.7	2955.7	2650.6	2134.1	2176.9	1687.4
43.5°	3770.5	3590.7	2912.2	2647.0	2134.1	2097.9	1680.8
44°	3749.8	3578.1	2911.3	2591.8	2066.3	2092.7	1585.1
44.5°	3748.3	3578.1	2865.9	2588.0	2066.3	2008.8	1578.1

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
45°	3721.6	3564.1	2865.0	2531.7	1993.6	2003.1	1484.4
45.5°	3695.6	3549.2	2818.5	2528.0	1993.6	1915.3	1477.1
46°	3695.6	3549.2	2818.5	2467.7	1920.5	1818.8	1375.8
46.5°	3662.3	3531.8	2769.9	2404.6	1842.5	1812.7	1375.8
47°	3662.3	3531.8	2769.9	2404.6	1842.5	1719.0	1278.2
47.5°	3626.9	3513.2	2724.2	2338.7	1763.3	1712.8	1278.2
48°	3624.9	3497.4	2676.5	2334.9	1763.3	1615.1	1182.2
48.5°	3592.3	3494.7	2676.5	2271.7	1681.1	1608.7	1067.7
49°	3590.2	3494.7	2629.1	2267.8	1681.1	1512.0	1059.7
49.5°	3562.5	3471.7	2627.4	2205.6	1597.0	1505.5	948.2
50°	3561.0	3449.0	2572.2	2201.2	1597.0	1408.7	940.1
50.5°	3549.1	3448.0	2572.2	2134.1	1503.6	1307.7	842.5
51°	3555.3	3425.9	2515.0	2063.3	1498.1	1307.7	842.5
51.5°	3555.3	3425.9	2515.0	2063.3	1399.4	1207.7	762.8
52°	3574.5	3405.6	2460.9	1991.9	1287.2	1198.8	762.8
52.5°	3574.5	3405.6	2460.9	1991.9	1287.2	1111.0	679.6
53°	3627.5	3396.7	2408.5	1919.5	1173.0	1102.0	560.1
53.5°	3627.5	3396.7	2359.2	1846.3	1167.3	1019.1	553.2
54°	3752.2	3417.9	2360.2	1846.3	1062.6	1010.4	414.1
54.5°	3769.1	3417.9	2313.8	1842.5	1062.6	929.5	407.4
55°	3967.5	3496.6	2318.9	1771.4	958.0	921.3	306.7
55.5°	4233.0	3644.6	2283.1	1767.6	958.0	836.4	299.6
56°	4233.0	3644.6	2283.1	1696.5	865.3	725.5	246.6
56.5°	4351.1	3833.8	2252.6	1618.7	859.1	725.5	246.6
57°	4351.1	3833.8	2252.6	1618.7	785.1	635.5	217.0
57.5°	4128.4	4001.4	2219.6	1540.7	714.8	630.2	217.0
58°	4090.2	4001.4	2174.2	1536.9	714.8	554.2	196.8
58.5°	3593.8	4033.2	2180.3	1461.9	636.5	548.2	189.9
59°	3550.5	4033.2	2131.9	1457.9	636.5	443.6	181.2
59.5°	2980.0	3827.9	2118.8	1380.9	545.3	326.0	168.1
60°	2943.4	3432.1	2041.5	1377.2	545.3	326.0	168.1
60.5°	2182.5	3368.9	2041.5	1299.2	448.0	318.4	167.1
61°	2159.8	2871.5	1955.8	1295.5	448.0	318.4	167.1
61.5°	2159.8	2871.5	1955.8	1218.6	375.5	220.2	156.5
62°	2341.9	2435.0	1874.9	1140.9	332.8	217.1	156.5
62.5°	2341.9	2110.2	1847.9	1140.9	332.8	204.3	147.5
63°	2318.0	2106.7	1814.4	1064.1	304.0	202.4	147.5
63.5°	2286.9	2106.7	1790.7	1062.2	304.0	193.5	136.9
64°	1427.3	2030.4	1790.3	989.1	284.1	192.4	129.0
64.5°	1358.5	2030.4	1788.3	989.0	284.1	185.5	128.4
65°	563.0	2205.2	1808.3	920.9	266.6	184.5	129.4
65.5°	254.3	2021.9	1836.3	924.3	266.6	177.6	128.8
66°	254.3	2021.9	1836.3	856.2	249.1	171.7	132.4
66.5°	225.5	1315.3	1835.0	793.8	243.5	171.7	132.4
67°	225.5	1315.3	1835.0	793.8	234.6	167.0	139.9

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
67.5°	229.3	588.4	1815.0	730.1	222.1	166.4	139.9
68°	228.9	588.4	1787.4	727.8	222.1	164.4	166.4
68.5°	223.9	245.5	1759.0	659.7	208.6	163.8	189.1
69°	223.6	245.5	1653.4	650.9	208.6	161.8	189.0
69.5°	195.0	182.9	1648.4	582.8	194.1	161.1	214.6
70°	193.1	182.9	1486.5	569.4	194.1	155.2	214.1
70.5°	168.4	169.1	1485.5	508.2	180.1	154.4	298.0
71°	152.0	163.9	1277.9	439.6	175.8	148.5	297.5
71.5°	152.0	163.9	1277.9	439.6	165.0	144.6	472.0
72°	143.1	146.4	1041.6	366.8	151.7	143.9	472.0
72.5°	143.1	146.4	1041.6	366.8	151.7	140.9	703.7
73°	149.1	125.3	812.8	315.4	139.1	140.1	703.7
73.5°	148.8	125.3	626.3	299.9	139.1	133.2	875.8
74°	153.8	111.9	625.1	276.3	129.2	132.6	879.8
74.5°	154.0	111.9	479.1	264.1	129.2	121.7	878.9
75°	154.0	99.1	478.0	238.5	118.2	121.0	787.1
75.5°	154.4	92.2	348.1	227.7	118.2	88.4	784.4
76°	151.5	91.9	348.1	196.1	105.7	87.6	685.7
76.5°	142.9	91.2	245.5	187.6	105.7	87.6	685.7
77°	142.9	91.2	245.5	155.0	94.1	78.9	498.5
77.5°	123.2	93.5	184.6	121.3	82.9	78.2	498.5
78°	123.2	93.5	184.6	121.3	82.9	79.2	295.2
78.5°	98.3	96.4	157.4	98.3	70.3	78.3	181.7
79°	97.9	96.4	138.6	96.8	70.3	90.1	182.7
79.5°	75.2	96.5	138.8	82.0	60.2	89.4	132.4
80°	74.3	96.5	117.1	80.2	60.2	147.6	137.2
80.5°	62.5	94.5	117.0	68.3	50.3	146.9	110.6
81°	61.3	91.5	97.0	66.7	50.3	261.4	120.1
81.5°	60.3	91.4	97.0	56.8	43.6	362.5	110.8
82°	63.9	84.9	80.7	46.6	42.8	362.5	110.8
82.5°	63.9	84.9	80.7	46.6	34.0	385.5	97.9
83°	64.6	72.3	65.8	35.6	26.2	384.9	97.9
83.5°	63.7	72.3	51.0	34.4	26.2	357.3	83.8
84°	60.8	57.2	49.7	30.4	19.0	356.7	71.9
84.5°	60.0	57.2	30.0	28.8	19.0	322.2	69.1
85°	56.1	41.1	28.7	22.9	12.6	321.7	56.2
85.5°	55.6	41.1	10.9	21.4	12.6	281.2	52.9
86°	48.7	28.7	9.9	16.4	7.2	280.8	44.0
86.5°	35.5	16.8	1.1	15.8	7.2	239.3	40.6
87°	35.5	16.8	1.1	11.8	3.9	195.7	29.1
87.5°	22.7	8.8	0.6	7.9	0.7	195.4	29.1
88°	22.7	8.8	0.6	7.9	0.7	151.0	17.5
88.5°	10.9	2.9	0.2	3.9	0.3	151.0	17.5
89°	10.9	2.9	0.2	3.9	0.3	102.6	8.5
89.5°	2.0	1.2	0.1	2.0	0.2	102.6	8.5

REPORT NUMBER: P1197039

CATALOG NUMBER: AWP75S-BZ-MID-4000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
90°	2.0	1.2	0.1	2.0	0.2	65.1	5.4
90.5°	0.0	0.0	0.0	0.0	0.0	65.1	5.4
91°	0.0	0.0	0.0	0.0	0.0	25.7	2.1
91.5°	0.0	0.0	0.0	0.0	0.0	25.7	2.1
92°	0.0	0.0	0.0	0.0	0.0	3.0	0.2
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	0.0	0.0
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: P1197039

CATALOG NUMBER: AWP75S-BZ-MID-4000K-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: P1197039

CATALOG NUMBER: AWP75S-BZ-MID-4000K-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: P1197039

CATALOG NUMBER: AWP75S-BZ-MID-4000K-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: P1197039
CATALOG NUMBER: AWP75S-BZ-MID-4000K-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)