

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: P1197180

Luminaire Tested: AWPS75S-BZ-MID-3000K-POSITION 0

Issue Date: 10/29/2025

Test Information

Test Method: LM-79-2019
Report Number: P1197180
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-3000K-POSITION 0
Description: AWP Architectural
Light Source: 80 CRI, 3000K
Ballast/Driver: -

Summary

Lumens per Lamp: 8775 (1 lamp)
Luminaire Lumens: 9375.7 lumens
Efficiency: 106.8%
Efficacy: 139.7 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

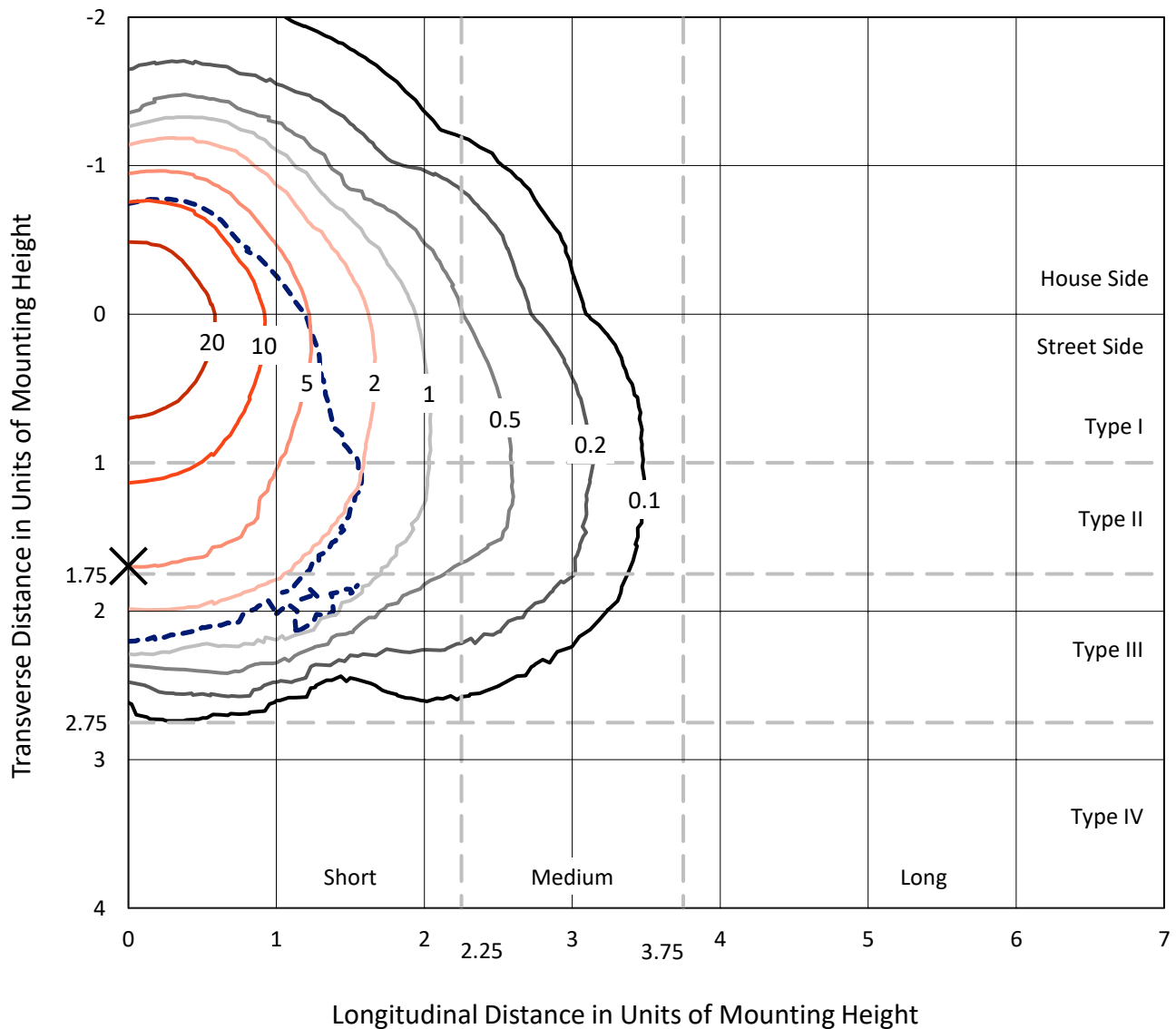
Input Watts (W): 67.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

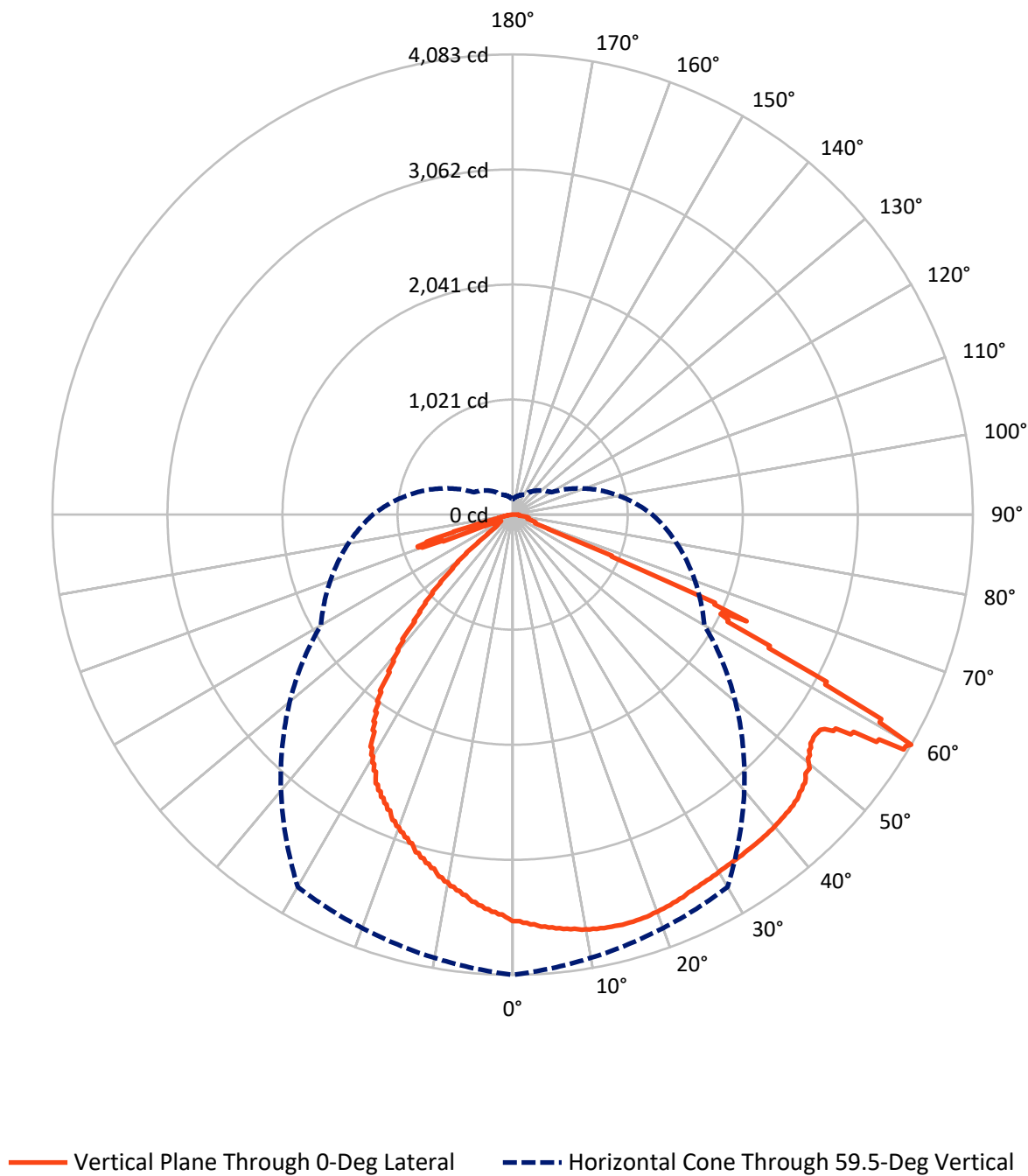


Based on 10 foot mounting height. Maximum calculated value = 36.2 fc
 Type III - Short - Cutoff

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Luminous Intensity Polar Plot



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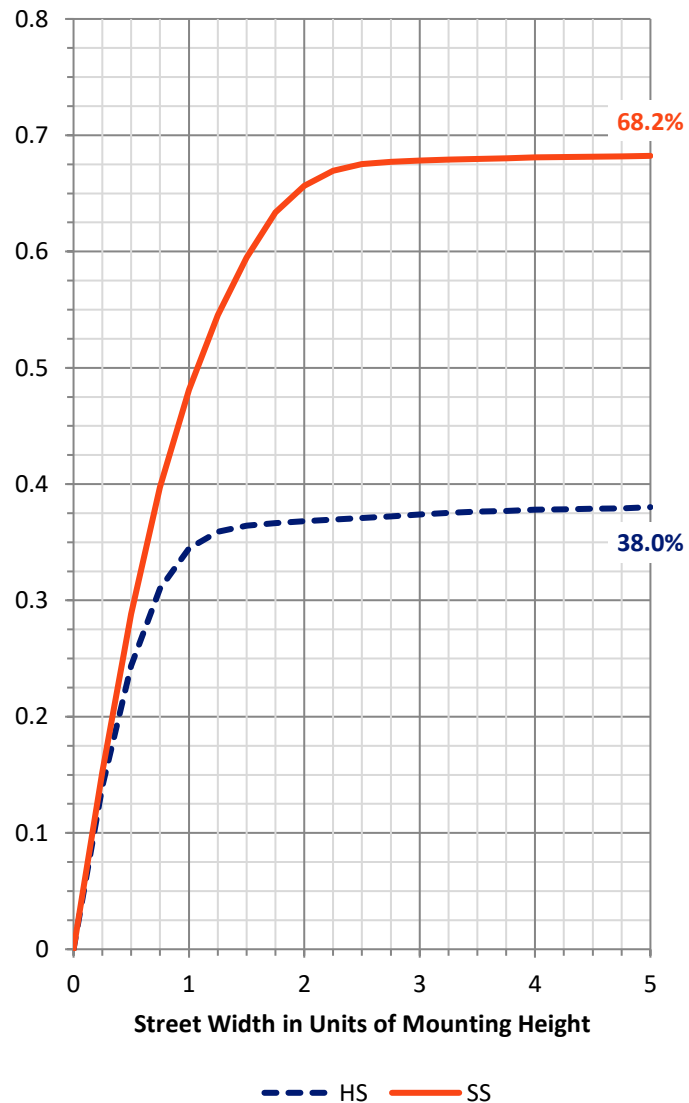
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3383.1	0.2	3383.3
	% Lamp	38.6	0.0	38.6
Street Side	Lumens	5992.1	0.3	5992.4
	% Lamp	68.3	0.0	68.3
Total	Lumens	9375.2	0.5	9375.7
	% Lamp	106.8	0.0	106.8

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	343.7	3.7	3.9
10°-20°	983.9	10.5	11.2
20°-30°	1488.9	15.9	17.0
30°-40°	1795.9	19.2	20.5
40°-50°	1812.8	19.3	20.7
50°-60°	1558.4	16.6	17.8
60°-70°	1024.4	10.9	11.7
70°-80°	293.5	3.1	3.3
80°-90°	73.8	0.8	0.8
90°-100°	0.5	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°	9375.2	100.0	106.8
0°-180°	9375.7	100.0	106.8

Coefficient of Utilization



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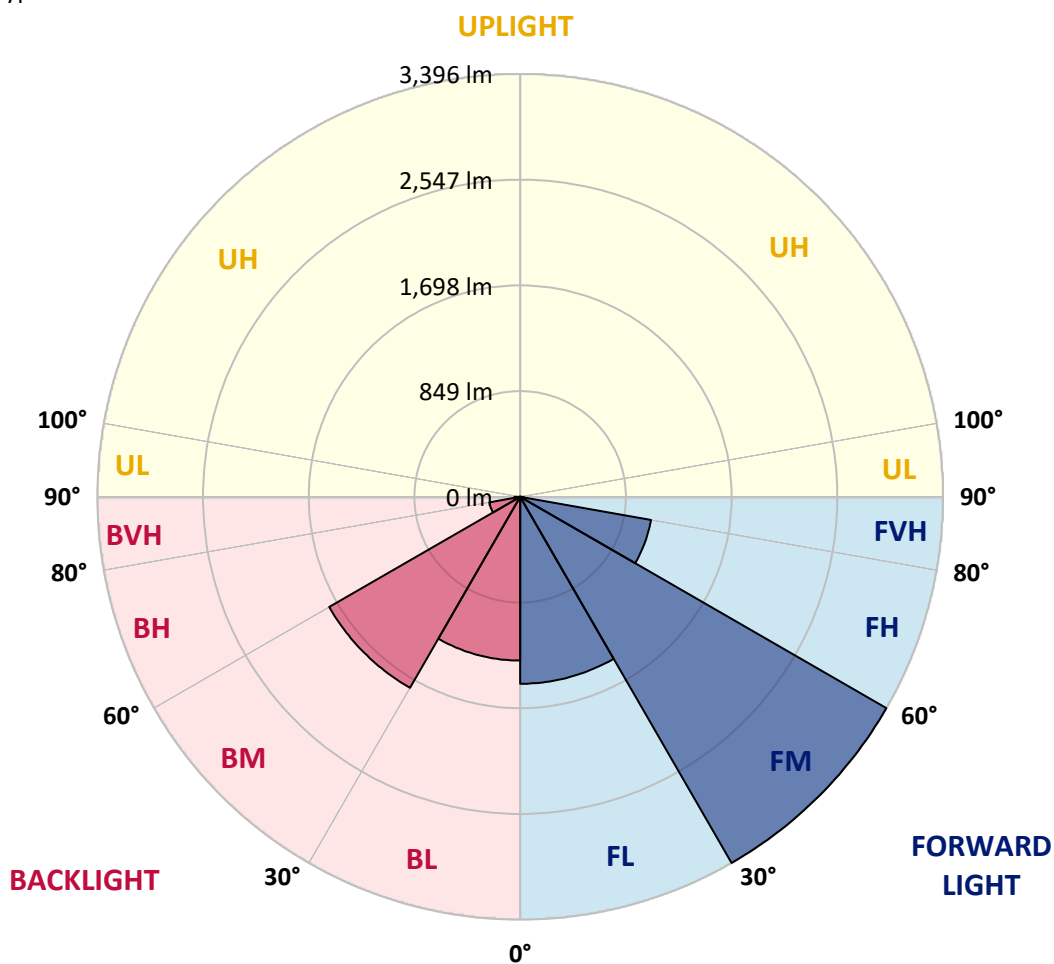
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1501.4	17.1			
FM	(30°-60°)	3395.8	38.7			
FH	(60°-80°)	1066.8	12.2			G1/1800
FVH	(80°-90°)	28.2	0.3			G1/100
BL	(0°-30°)	1315.1	15.0	B3/2500		
BM	(30°-60°)	1771.3	20.2	B2/2500		
BH	(60°-80°)	251.1	2.9	B1/500		G1/500
BVH	(80°-90°)	45.6	0.5			G1/100
UL	(90°-100°)	0.5	0.0		U1/10	
UH	(100°-180°)	0.0	0.0		U0/0	
Trapped Light		-600.7	-6.8			

BUG Rating: B3-U1-G1

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°
0°	3605.4	3605.4	3605.4	3605.4	3605.4	3605.4	3605.4
0.5°	3605.4	3605.4	3605.4	3605.4	3605.4	3605.4	3605.4
1°	3622.0	3631.9	3657.8	3652.4	3627.8	3641.7	3587.1
1.5°	3622.3	3641.4	3663.4	3650.5	3617.1	3641.3	3569.1
2°	3638.7	3651.6	3663.8	3650.5	3605.4	3624.9	3548.4
2.5°	3638.7	3651.6	3668.1	3648.5	3592.6	3624.5	3548.4
3°	3651.8	3664.8	3668.5	3645.3	3592.5	3610.7	3527.7
3.5°	3664.5	3665.3	3667.5	3645.3	3576.6	3610.1	3527.7
4°	3664.8	3674.8	3665.7	3643.1	3576.5	3596.3	3504.9
4.5°	3677.5	3675.3	3665.7	3643.1	3562.7	3580.9	3504.3
5°	3677.8	3682.7	3666.0	3636.7	3562.5	3580.9	3478.9
5.5°	3690.5	3683.2	3666.0	3636.7	3545.5	3561.2	3478.2
6°	3690.7	3692.7	3665.3	3628.2	3545.2	3561.2	3452.7
6.5°	3703.5	3701.7	3665.6	3628.2	3529.3	3541.5	3452.0
7°	3703.7	3701.7	3662.4	3624.9	3529.2	3541.5	3426.6
7.5°	3714.5	3709.5	3662.7	3615.4	3509.8	3520.6	3399.3
8°	3714.5	3709.5	3661.7	3615.3	3488.6	3519.8	3399.3
8.5°	3724.2	3711.0	3661.7	3607.9	3488.3	3496.5	3370.9
9°	3733.7	3711.3	3656.4	3607.7	3468.1	3472.4	3370.0
9.5°	3733.9	3718.7	3653.5	3597.0	3467.7	3472.4	3342.4
10°	3742.3	3719.1	3653.5	3597.0	3467.7	3448.0	3341.5
10.5°	3742.3	3723.3	3646.3	3585.0	3446.1	3447.2	3310.7
11°	3749.8	3723.6	3646.3	3585.0	3420.6	3420.8	3309.8
11.5°	3749.8	3722.5	3638.8	3573.1	3420.2	3420.8	3279.0
12°	3756.2	3728.1	3639.0	3573.1	3396.9	3393.4	3278.0
12.5°	3756.2	3728.1	3629.5	3560.0	3396.4	3393.4	3248.3
13°	3760.3	3729.3	3629.5	3546.2	3370.4	3366.0	3215.5
13.5°	3760.3	3729.3	3622.1	3546.0	3342.9	3364.9	3215.5
14°	3763.3	3727.3	3613.5	3529.7	3342.3	3338.4	3183.8
14.5°	3765.4	3727.4	3613.5	3529.7	3315.8	3307.7	3182.6
15°	3765.3	3727.4	3601.9	3516.6	3315.3	3307.7	3149.8
15.5°	3765.3	3727.4	3601.9	3516.6	3283.5	3273.7	3148.5
16°	3765.0	3723.1	3587.9	3498.0	3282.8	3273.7	3116.7
16.5°	3762.9	3722.0	3587.9	3498.0	3254.2	3241.8	3115.6
17°	3762.6	3722.0	3575.2	3479.5	3253.5	3241.8	3083.8
17.5°	3760.2	3709.2	3574.7	3479.5	3220.6	3207.7	3049.7
18°	3760.2	3709.2	3559.8	3457.8	3189.1	3206.5	3049.7
18.5°	3756.6	3698.5	3559.4	3439.7	3188.4	3173.7	3016.6
19°	3750.2	3698.2	3545.6	3439.2	3156.6	3172.5	3016.6
19.5°	3749.8	3690.8	3526.3	3419.4	3155.9	3139.6	2982.5
20°	3743.4	3690.6	3526.3	3419.4	3118.8	3104.3	2981.2
20.5°	3742.9	3680.0	3510.0	3396.5	3117.9	3104.3	2948.3
21°	3735.5	3679.7	3510.0	3396.5	3082.9	3069.0	2947.0
21.5°	3735.1	3670.1	3490.5	3369.3	3081.9	3069.0	2913.1
22°	3725.5	3658.1	3490.1	3369.3	3046.9	3033.8	2911.8

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
22.5°	3725.0	3658.1	3465.7	3346.1	3046.1	3033.8	2876.9
23°	3715.0	3640.8	3465.1	3322.8	3006.0	2997.3	2840.5
23.5°	3715.0	3640.8	3449.2	3322.2	2968.9	2995.9	2840.5
24°	3705.0	3629.8	3424.4	3295.8	2967.9	2960.9	2802.1
24.5°	3696.5	3629.5	3424.4	3295.8	2927.6	2923.3	2800.7
25°	3696.0	3617.8	3401.7	3266.4	2926.5	2923.3	2762.6
25.5°	3687.5	3617.5	3401.7	3266.4	2886.3	2885.8	2761.2
26°	3687.0	3603.7	3378.9	3240.1	2885.3	2885.8	2720.9
26.5°	3679.6	3603.5	3378.9	3240.1	2844.0	2846.0	2719.5
27°	3679.1	3589.7	3352.9	3206.2	2842.7	2846.0	2677.1
27.5°	3672.3	3577.8	3352.5	3206.2	2800.3	2808.4	2675.7
28°	3672.3	3577.8	3324.9	3176.6	2799.2	2808.4	2632.2
28.5°	3665.5	3564.8	3324.4	3146.9	2754.6	2768.6	2583.1
29°	3665.5	3564.8	3301.1	3146.0	2712.2	2766.9	2583.1
29.5°	3659.8	3551.9	3273.1	3113.2	2711.0	2728.8	2529.7
30°	3654.5	3551.7	3273.1	3113.2	2665.4	2687.8	2528.2
30.5°	3654.0	3540.0	3242.9	3076.0	2664.1	2687.8	2474.1
31°	3648.7	3539.8	3242.9	3041.0	2617.1	2645.8	2472.6
31.5°	3648.3	3527.1	3213.8	3039.9	2617.1	2645.8	2415.4
32°	3645.1	3513.2	3213.3	3039.9	2571.6	2601.7	2413.7
32.5°	3644.7	3513.2	3213.3	3003.9	2570.2	2601.7	2351.2
33°	3642.1	3506.8	3185.5	3002.8	2525.7	2556.5	2280.6
33.5°	3642.1	3506.8	3154.8	2963.5	2476.5	2554.7	2280.6
34°	3636.8	3493.8	3154.3	2924.3	2475.0	2509.1	2209.0
34.5°	3634.2	3483.2	3124.2	2923.1	2426.3	2507.3	2209.0
35°	3633.8	3483.2	3091.3	2880.5	2424.7	2457.4	2129.7
35.5°	3631.7	3483.1	3091.3	2880.5	2375.9	2404.7	2127.7
36°	3631.3	3473.5	3059.2	2836.9	2374.3	2404.7	2046.1
36.5°	3628.1	3473.4	3059.2	2836.9	2324.5	2346.6	2044.0
37°	3627.7	3459.6	3023.7	2793.2	2322.9	2346.6	1958.1
37.5°	3623.0	3451.0	3023.3	2793.2	2272.0	2285.3	1955.9
38°	3623.0	3451.0	2989.4	2746.3	2270.3	2285.3	1866.8
38.5°	3617.3	3437.0	2988.9	2702.9	2215.6	2221.8	1773.3
39°	3617.3	3437.0	2953.9	2701.5	2161.5	2219.8	1773.3
39.5°	3613.6	3426.3	2917.5	2652.5	2159.7	2151.9	1675.3
40°	3608.3	3426.1	2917.5	2652.5	2104.6	2076.7	1672.5
40.5°	3607.8	3416.6	2877.9	2601.2	2102.7	2076.7	1576.1
41°	3600.3	3416.3	2877.9	2601.2	2044.4	1997.1	1573.1
41.5°	3599.9	3404.6	2837.2	2549.8	2042.5	1997.1	1478.8
42°	3592.5	3404.3	2837.2	2549.8	1984.2	1913.3	1475.7
42.5°	3592.2	3396.9	2793.4	2495.1	1982.2	1913.3	1380.3
43°	3584.3	3385.0	2793.0	2495.1	1918.6	1826.0	1284.8
43.5°	3584.3	3385.0	2753.8	2441.7	1916.6	1826.0	1284.8
44°	3572.2	3372.9	2753.3	2387.6	1846.7	1733.3	1192.4
44.5°	3572.2	3372.9	2709.9	2386.0	1776.8	1730.7	1192.4

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
45°	3558.9	3363.9	2667.1	2328.2	1774.6	1638.5	1100.9
45.5°	3542.0	3363.3	2667.1	2328.2	1701.5	1540.3	1097.2
46°	3541.4	3356.9	2623.4	2267.2	1699.2	1540.3	994.4
46.5°	3521.3	3356.1	2623.4	2267.2	1624.0	1442.0	990.8
47°	3520.6	3343.4	2573.1	2211.2	1621.9	1442.0	879.5
47.5°	3497.3	3329.8	2572.6	2211.2	1546.6	1342.7	875.8
48°	3467.0	3328.7	2527.1	2151.2	1544.4	1342.7	785.7
48.5°	3466.2	3319.1	2526.7	2089.7	1462.6	1245.3	712.1
49°	3466.2	3319.1	2480.1	2087.9	1377.8	1242.1	712.1
49.5°	3431.5	3304.1	2479.5	2027.5	1375.5	1150.9	641.9
50°	3395.4	3302.7	2431.8	2025.7	1284.3	1147.4	641.9
50.5°	3394.4	3286.8	2385.6	1960.4	1281.9	1060.5	534.7
51°	3359.5	3285.5	2385.6	1960.4	1174.8	971.6	531.5
51.5°	3358.6	3269.6	2332.0	1892.6	1172.3	971.6	394.7
52°	3331.0	3268.5	2332.0	1892.6	1065.3	886.0	391.6
52.5°	3330.3	3247.3	2277.2	1821.7	1062.6	886.0	281.4
53°	3320.5	3223.6	2276.3	1821.7	959.8	801.5	278.3
53.5°	3320.5	3223.6	2223.3	1750.7	957.2	801.5	223.2
54°	3327.9	3200.5	2222.4	1681.8	863.4	697.3	193.9
54.5°	3327.9	3200.5	2169.4	1679.8	783.9	694.3	193.9
55°	3358.9	3196.3	2122.5	1606.0	781.2	610.5	174.8
55.5°	3432.1	3199.1	2122.5	1606.0	717.6	538.2	172.2
56°	3438.0	3221.3	2077.8	1531.1	714.8	538.2	162.6
56.5°	3577.9	3226.7	2077.8	1531.1	656.5	444.8	159.2
57°	3585.5	3301.9	2035.1	1457.3	653.7	444.8	154.9
57.5°	3807.0	3310.4	2035.1	1457.3	583.8	325.5	150.5
58°	3814.0	3446.0	1995.7	1383.5	581.0	325.5	149.4
58.5°	4047.2	3635.1	2002.6	1383.5	496.2	241.7	144.2
59°	4047.2	3635.1	1957.0	1310.7	493.5	241.7	144.2
59.5°	4082.7	3812.7	1963.7	1239.7	397.5	205.3	136.6
60°	3740.6	3800.2	1913.9	1237.8	330.8	202.8	136.6
60.5°	3740.6	3832.0	1868.5	1168.2	328.2	186.9	126.5
61°	3156.1	3810.6	1868.5	1168.2	288.9	175.8	126.1
61.5°	3156.1	3585.8	1816.4	1099.8	286.4	175.8	117.6
62°	2562.2	3563.9	1816.4	1099.8	263.1	168.6	117.4
62.5°	2562.2	3102.8	1751.2	1029.0	260.5	168.6	117.4
63°	2130.5	2583.2	1732.0	1029.0	245.6	163.8	117.2
63.5°	2131.1	2583.2	1694.9	961.9	243.1	163.8	120.4
64°	2045.2	2167.6	1679.2	896.2	226.8	157.9	127.6
64.5°	2054.8	2167.6	1646.4	894.9	216.2	157.5	127.6
65°	2280.5	1934.5	1637.2	830.3	213.8	153.3	152.9
65.5°	1958.5	1922.6	1614.9	829.4	206.4	153.0	152.9
66°	1958.5	2028.6	1617.9	761.5	203.8	150.9	182.5
66.5°	954.8	1991.5	1617.9	761.5	196.4	148.5	182.4
67°	954.8	2189.7	1663.6	696.2	193.8	148.5	199.4

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
67.5°	341.8	2167.4	1663.6	696.2	185.3	145.0	199.3
68°	341.8	1846.2	1705.4	626.2	182.6	145.0	267.1
68.5°	213.1	1063.6	1675.8	626.2	173.0	137.2	266.8
69°	211.7	1063.6	1715.0	550.3	170.1	137.2	423.7
69.5°	211.7	429.7	1690.9	476.1	159.9	133.7	661.0
70°	211.4	429.7	1673.9	475.5	151.4	133.4	661.0
70.5°	214.6	195.6	1580.2	418.2	149.3	131.3	854.9
71°	202.8	195.1	1580.2	418.2	140.8	122.5	854.6
71.5°	202.8	160.1	1424.1	360.3	138.9	122.5	888.5
72°	171.4	159.0	1424.1	360.3	130.4	113.7	888.2
72.5°	171.4	152.6	1216.1	312.1	128.9	113.7	800.2
73°	154.7	152.0	1216.1	312.1	120.4	99.6	799.7
73.5°	154.7	145.7	975.3	278.6	119.4	99.6	703.3
74°	136.2	124.8	974.5	278.6	112.0	83.4	546.8
74.5°	135.7	124.8	739.2	248.4	101.7	83.1	546.8
75°	135.7	105.7	738.4	227.2	100.9	72.5	332.3
75.5°	141.9	106.0	556.1	220.3	90.3	72.0	332.3
76°	141.9	92.2	416.7	188.5	89.3	72.0	190.2
76.5°	145.2	92.3	416.7	188.5	80.8	81.3	190.6
77°	145.2	81.7	298.7	153.3	79.6	81.3	129.1
77.5°	146.4	81.8	298.7	153.3	69.0	122.2	130.7
78°	146.4	76.5	214.7	121.5	67.9	122.2	102.1
78.5°	144.4	78.5	214.8	121.5	58.4	227.8	106.1
79°	144.5	78.5	165.0	95.2	57.5	227.8	88.1
79.5°	132.8	82.3	165.1	77.2	48.3	338.8	77.5
80°	132.8	82.3	140.7	76.3	41.9	338.6	77.5
80.5°	109.4	86.7	141.0	64.6	41.5	393.7	66.9
81°	82.8	85.7	122.9	63.9	34.1	373.3	66.1
81.5°	82.8	88.9	101.9	52.5	33.7	373.3	55.5
82°	63.3	88.2	101.9	52.5	27.3	339.1	54.2
82.5°	63.3	89.2	84.9	43.4	27.0	339.1	43.6
83°	55.3	88.9	84.9	43.4	20.6	298.6	42.1
83.5°	55.3	86.8	70.0	34.3	20.3	298.6	31.5
84°	55.7	79.4	69.7	34.3	12.9	255.9	29.9
84.5°	55.2	79.4	54.9	28.5	12.7	255.9	22.4
85°	59.4	64.8	54.3	23.2	8.2	213.3	13.4
85.5°	59.0	64.8	35.2	22.5	5.0	213.2	13.4
86°	60.0	47.8	16.6	15.4	4.8	170.8	7.6
86.5°	58.7	47.8	16.6	15.4	1.6	124.1	5.8
87°	58.7	33.0	1.2	11.7	1.5	124.1	4.7
87.5°	54.2	32.8	1.2	11.7	0.4	79.5	3.0
88°	54.2	21.1	0.7	7.4	0.3	79.5	3.0
88.5°	45.6	20.8	0.7	7.4	0.3	49.8	1.9
89°	45.6	12.3	0.4	4.2	0.2	49.8	1.9
89.5°	31.8	6.5	0.2	4.2	0.2	8.5	0.3

REPORT NUMBER: P1197180

CATALOG NUMBER: AWPS75S-BZ-MID-3000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
90°	31.8	6.5	0.2	2.1	0.1	8.5	0.3
90.5°	20.1	1.8	0.0	0.0	0.0	2.1	0.1
91°	7.4	1.3	0.0	0.0	0.0	2.1	0.1
91.5°	7.4	0.3	0.0	0.0	0.0	1.1	0.0
92°	1.1	0.0	0.0	0.0	0.0	1.1	0.0
92.5°	1.1	0.0	0.0	0.0	0.0	1.1	0.0
93°	0.0	0.0	0.0	0.0	0.0	1.1	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	1.1	0.0
94°	0.0	0.0	0.0	0.0	0.0	1.1	0.0
94.5°	0.0	0.0	0.0	0.0	0.0	1.1	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P1197180

CATALOG NUMBER: AWPS75S-BZ-MID-3000K-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: P1197180

CATALOG NUMBER: AWPS75S-BZ-MID-3000K-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: P1197180

CATALOG NUMBER: AWPS75S-BZ-MID-3000K-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: P1197180
CATALOG NUMBER: AWPS75S-BZ-MID-3000K-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)