

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: P1197052

Luminaire Tested: AWP75S-BZ-HIGH-3000K-POSITION 30

Issue Date: 10/29/2025

Test Information

Test Method: LM-79-2019
Report Number: P1197052
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-HIGH-3000K-POSITION 30
Description: AWP Architectural Wall Pack Series - Wall Mount Luminaire
Light Source: 80 CRI, 3000K
Ballast/Driver: -

Summary

Lumens per Lamp: 9923 (1 lamp)
Luminaire Lumens: 10371 lumens
Efficiency: 104.5%
Efficacy: 136.5 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): 76
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

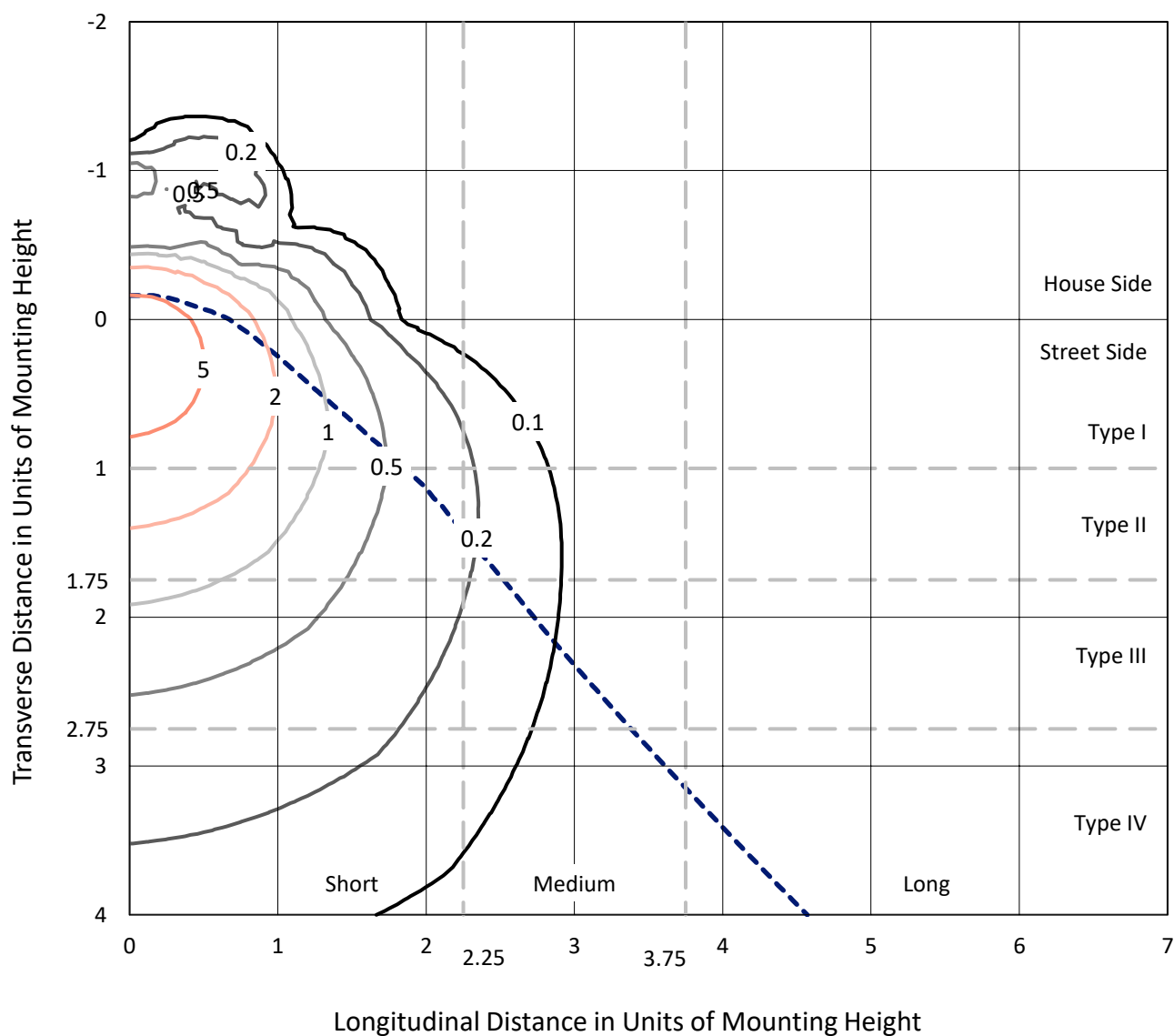
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

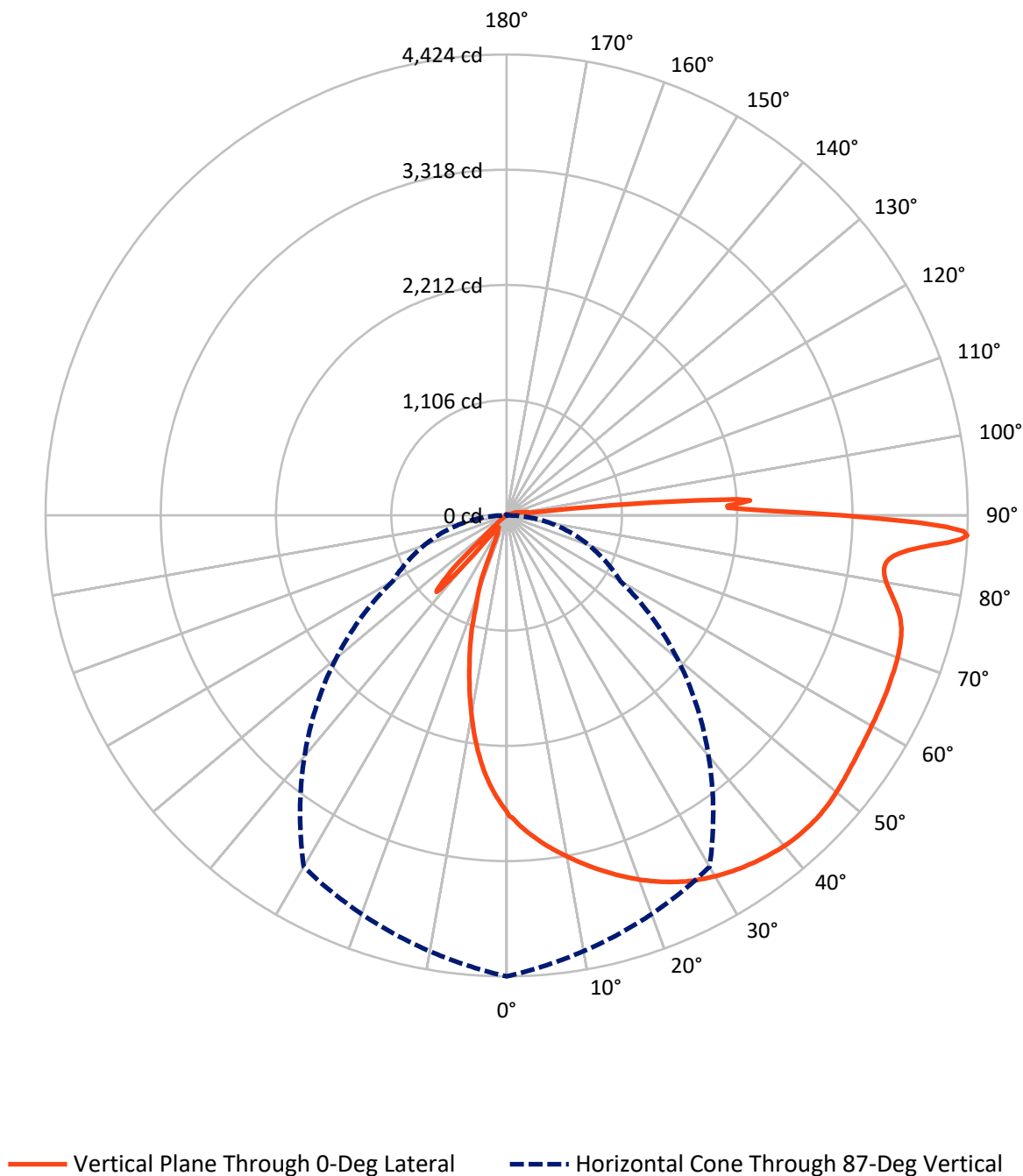


Based on 20 foot mounting height. Maximum calculated value = 8 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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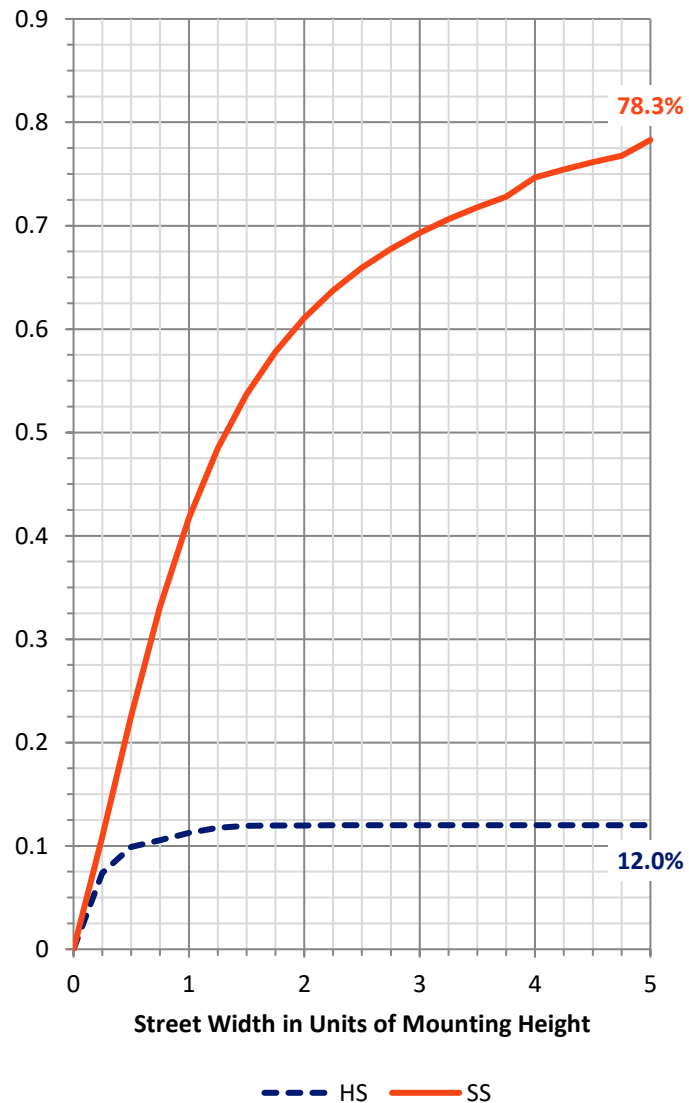
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1208.7	25.4	1234.2
	% Lamp	12.2	0.3	12.4
Street Side	Lumens	8707.8	429.0	9136.8
	% Lamp	87.8	4.3	92.1
Total	Lumens	9916.5	454.5	10371.0
	% Lamp	99.9	4.6	104.5

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	269.0	2.6	2.7
10°-20°	730.4	7.0	7.4
20°-30°	1027.8	9.9	10.4
30°-40°	1237.7	11.9	12.5
40°-50°	1414.0	13.6	14.2
50°-60°	1424.4	13.7	14.4
60°-70°	1330.0	12.8	13.4
70°-80°	1260.5	12.2	12.7
80°-90°	1222.6	11.8	12.3
90°-100°	399.7	3.9	4.0
100°-110°	29.8	0.3	0.3
110°-120°	5.6	0.1	0.1
120°-130°	4.7	0.0	0.0
130°-140°	4.5	0.0	0.0
140°-150°	4.0	0.0	0.0
150°-160°	3.3	0.0	0.0
160°-170°	2.1	0.0	0.0
170°-180°	0.8	0.0	0.0
0°-90°	9916.5	95.6	99.9
0°-180°	10371.0	100.0	104.5

Coefficient of Utilization



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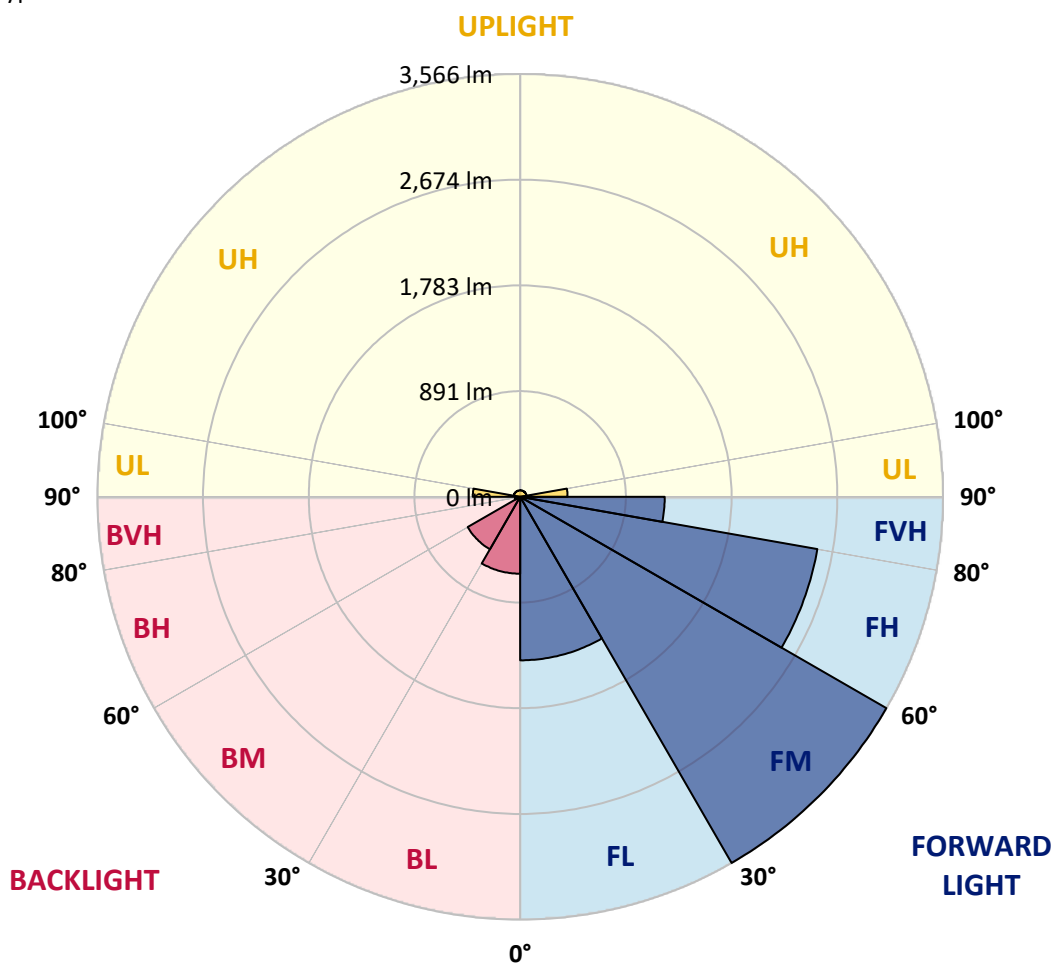
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1378.8	13.9			
FM	(30°-60°)	3565.8	35.9			
FH	(60°-80°)	2544.8	25.6			G2/5000
FVH	(80°-90°)	1218.5	12.3			G5
BL	(0°-30°)	648.5	6.5	B2/1000		
BM	(30°-60°)	510.4	5.1	B1/1000		
BH	(60°-80°)	45.7	0.5	B0/110		G0/110
BVH	(80°-90°)	4.1	0.0			G0/10
UL	(90°-100°)	399.7	4.0		U3/500	
UH	(100°-180°)	54.7	0.6		U3/500	
Trapped Light		-448.0	-4.5			

BUG Rating: B2-U3-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°
0°	2888.0	2888.0	2888.0	2888.0	2888.0	2888.0	2888.0
0.5°	2898.5	2916.1	2912.4	2901.6	2879.3	2848.4	2837.8
1°	2926.6	2940.0	2925.8	2901.5	2864.8	2821.3	2806.9
1.5°	2953.5	2964.1	2938.4	2900.2	2848.8	2794.0	2774.4
2°	2980.8	2986.9	2952.3	2900.1	2832.9	2765.1	2739.8
2.5°	3007.0	3008.9	2965.0	2897.8	2816.3	2734.4	2705.2
3°	3032.1	3030.2	2976.3	2894.7	2798.4	2703.3	2668.4
3.5°	3056.8	3051.0	2988.1	2892.7	2779.9	2671.0	2631.0
4°	3080.6	3071.3	2999.3	2890.1	2761.7	2636.9	2591.2
4.5°	3104.0	3090.9	3008.5	2886.2	2742.1	2603.4	2549.3
5°	3128.1	3110.6	3018.3	2883.1	2721.4	2567.7	2508.0
5.5°	3150.7	3129.4	3027.9	2879.1	2701.5	2528.7	2462.9
6°	3172.9	3148.2	3036.4	2874.4	2679.9	2491.6	2417.0
6.5°	3195.1	3165.8	3045.4	2869.7	2657.8	2452.2	2370.4
7°	3217.0	3184.0	3053.8	2864.3	2635.5	2410.6	2322.0
7.5°	3238.2	3201.1	3060.5	2858.7	2612.8	2368.0	2270.4
8°	3259.7	3218.6	3068.0	2853.2	2588.2	2325.4	2218.3
8.5°	3280.6	3235.8	3075.3	2846.8	2563.9	2280.0	2165.5
9°	3301.3	3252.3	3081.7	2840.3	2539.5	2233.4	2112.2
9.5°	3323.5	3268.2	3087.5	2833.3	2513.6	2186.7	2056.4
10°	3343.8	3285.3	3093.6	2825.7	2485.1	2138.4	1999.7
10.5°	3364.3	3302.0	3098.7	2818.7	2459.0	2088.7	1941.5
11°	3385.4	3317.7	3103.9	2810.8	2429.7	2039.4	1882.2
11.5°	3405.5	3332.4	3109.0	2802.3	2401.3	1989.0	1825.4
12°	3426.3	3348.1	3114.1	2794.2	2372.3	1937.3	1767.5
12.5°	3446.0	3364.7	3118.0	2785.1	2341.9	1884.3	1706.3
13°	3466.6	3379.2	3122.6	2775.8	2310.1	1831.5	1647.7
13.5°	3487.4	3394.2	3125.9	2766.9	2280.4	1776.5	1590.5
14°	3507.3	3409.8	3129.3	2756.5	2246.5	1724.0	1530.9
14.5°	3527.5	3423.9	3133.0	2746.1	2211.9	1668.9	1472.5
15°	3547.1	3439.2	3135.6	2736.2	2179.7	1616.9	1417.2
15.5°	3566.7	3453.4	3138.2	2724.6	2144.3	1562.0	1361.0
16°	3586.7	3468.5	3140.9	2714.0	2107.5	1508.5	1306.6
16.5°	3606.1	3482.7	3143.3	2703.6	2072.9	1456.8	1251.3
17°	3624.9	3497.0	3145.5	2690.5	2036.7	1405.3	1199.2
17.5°	3644.4	3511.3	3147.4	2677.6	1998.6	1352.9	1140.0
18°	3663.2	3525.2	3149.4	2666.6	1961.2	1304.0	1069.1
18.5°	3682.1	3538.3	3150.8	2653.5	1923.3	1253.0	999.4
19°	3700.6	3552.4	3151.9	2639.3	1882.7	1203.2	937.8
19.5°	3719.3	3565.6	3152.7	2627.4	1843.6	1155.1	883.2
20°	3736.7	3578.4	3153.6	2613.2	1804.8	1106.3	836.0
20.5°	3753.8	3591.7	3153.7	2598.9	1762.7	1050.3	792.7
21°	3770.5	3604.3	3154.7	2584.5	1720.2	985.5	754.8
21.5°	3787.6	3616.6	3155.3	2569.1	1679.8	924.0	710.3
22°	3803.6	3628.9	3154.6	2553.2	1637.3	868.3	653.3

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
22.5°	3820.3	3640.6	3154.6	2538.1	1595.0	820.4	578.8
23°	3836.1	3651.1	3153.6	2521.5	1554.7	777.7	494.9
23.5°	3851.6	3663.3	3152.7	2505.2	1511.5	739.2	410.5
24°	3866.4	3673.8	3151.9	2488.9	1468.9	701.9	342.3
24.5°	3881.7	3684.5	3151.7	2471.4	1428.8	662.0	291.2
25°	3895.0	3695.2	3150.1	2454.2	1386.3	609.2	270.3
25.5°	3908.5	3705.0	3148.3	2436.3	1342.6	544.5	250.5
26°	3921.7	3715.2	3146.3	2417.7	1300.7	469.1	230.7
26.5°	3933.9	3725.2	3144.1	2400.2	1259.9	393.2	210.9
27°	3945.6	3733.6	3141.8	2381.4	1217.5	328.7	200.7
27.5°	3957.1	3742.8	3140.0	2361.2	1177.5	278.9	193.4
28°	3968.1	3751.0	3137.3	2342.2	1138.6	257.7	188.4
28.5°	3978.2	3758.5	3133.7	2322.1	1099.0	237.7	184.8
29°	3989.0	3766.9	3130.2	2301.3	1062.1	217.8	182.1
29.5°	3999.1	3773.1	3126.8	2280.6	1025.2	197.9	179.9
30°	4009.4	3780.1	3123.6	2260.0	988.3	189.3	177.8
30.5°	4018.7	3786.4	3119.2	2237.7	951.4	183.0	175.2
31°	4027.8	3792.4	3115.2	2215.9	916.8	178.7	170.9
31.5°	4036.3	3798.0	3111.2	2194.6	882.7	176.4	164.7
32°	4044.5	3802.9	3106.3	2171.0	848.5	175.4	157.4
32.5°	4053.1	3807.5	3101.2	2149.1	817.1	175.5	151.4
33°	4061.1	3812.1	3096.1	2125.2	785.6	176.4	145.9
33.5°	4068.7	3816.7	3090.8	2101.5	749.3	177.2	140.4
34°	4075.9	3820.6	3084.6	2077.4	714.3	178.1	139.3
34.5°	4083.7	3824.4	3078.7	2052.1	679.2	179.3	140.2
35°	4090.5	3828.3	3072.5	2027.0	643.6	180.5	141.7
35.5°	4097.3	3831.1	3065.0	2002.1	604.6	181.6	144.1
36°	4103.8	3833.5	3058.3	1976.0	565.6	182.4	149.0
36.5°	4110.1	3836.8	3051.2	1950.1	526.6	182.3	159.0
37°	4116.4	3839.5	3043.5	1923.4	487.6	180.6	178.6
37.5°	4121.7	3842.0	3036.1	1896.0	447.7	174.2	200.7
38°	4127.4	3844.3	3028.3	1869.6	395.4	167.6	214.0
38.5°	4132.7	3846.4	3019.9	1841.7	346.2	160.4	224.4
39°	4138.2	3848.3	3011.3	1813.8	306.3	152.7	244.6
39.5°	4141.6	3849.5	3002.5	1787.0	273.4	145.8	286.6
40°	4146.3	3850.8	2993.3	1758.7	250.4	139.5	356.0
40.5°	4149.5	3850.6	2983.5	1730.7	234.7	134.1	475.9
41°	4152.8	3851.0	2974.8	1703.8	223.9	130.2	596.2
41.5°	4155.8	3850.3	2965.0	1675.4	215.7	128.8	716.5
42°	4157.4	3850.3	2954.6	1647.7	209.3	129.0	836.8
42.5°	4158.6	3849.6	2945.2	1620.4	203.6	130.2	957.2
43°	4160.0	3848.4	2934.7	1590.9	198.6	130.9	994.7
43.5°	4160.9	3846.9	2923.0	1560.9	194.0	132.1	978.3
44°	4161.0	3845.2	2912.7	1528.5	189.7	135.0	924.7
44.5°	4161.0	3842.5	2901.3	1495.4	185.9	142.9	870.8

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
45°	4160.1	3839.4	2889.1	1460.7	182.3	158.3	812.3
45.5°	4159.3	3834.9	2876.5	1424.7	179.1	188.7	750.1
46°	4157.4	3831.1	2864.5	1388.8	176.2	227.6	644.7
46.5°	4154.9	3827.6	2851.1	1353.1	173.2	260.2	514.8
47°	4151.9	3822.5	2837.4	1316.4	170.1	299.2	390.8
47.5°	4148.1	3817.5	2823.9	1279.7	167.5	352.4	295.3
48°	4144.6	3812.3	2809.5	1244.9	165.3	418.0	255.8
48.5°	4140.5	3807.2	2794.8	1207.9	162.6	457.5	217.8
49°	4136.2	3801.1	2779.7	1171.7	159.6	495.7	179.6
49.5°	4131.5	3794.4	2764.4	1136.7	157.0	533.8	140.9
50°	4126.6	3788.1	2748.7	1100.6	154.0	572.4	126.2
50.5°	4121.3	3781.0	2732.7	1063.3	151.1	611.0	115.0
51°	4116.1	3773.8	2715.8	1026.8	147.2	584.7	104.6
51.5°	4110.8	3765.4	2698.9	990.3	143.5	551.3	94.6
52°	4105.2	3756.8	2681.9	951.8	139.9	523.6	85.6
52.5°	4099.6	3749.2	2665.0	914.6	136.3	490.1	77.6
53°	4094.3	3740.7	2647.8	877.9	132.7	458.6	70.5
53.5°	4089.2	3731.9	2630.5	840.7	128.7	429.6	64.0
54°	4084.5	3722.3	2611.4	805.5	123.7	399.1	57.7
54.5°	4079.7	3713.2	2592.7	770.8	119.1	367.8	52.0
55°	4075.2	3703.4	2573.0	736.7	114.6	335.3	46.0
55.5°	4070.8	3694.2	2552.6	705.0	110.2	300.3	40.1
56°	4067.2	3685.6	2532.8	674.4	106.0	269.8	34.9
56.5°	4064.0	3676.7	2513.6	646.2	101.6	239.4	29.8
57°	4060.1	3667.4	2493.9	620.3	97.4	209.0	25.1
57.5°	4056.4	3658.8	2474.6	595.7	93.4	178.6	20.9
58°	4052.6	3649.2	2455.5	572.7	88.6	148.3	17.0
58.5°	4049.7	3640.5	2436.9	550.2	83.6	126.6	15.0
59°	4047.1	3631.9	2417.1	524.5	79.2	106.5	13.6
59.5°	4043.3	3623.8	2398.6	494.5	74.8	85.2	12.2
60°	4040.4	3614.4	2380.5	461.0	70.1	65.1	11.0
60.5°	4038.6	3606.0	2361.1	420.7	66.3	51.3	9.8
61°	4035.4	3597.5	2341.9	380.0	62.6	39.7	8.8
61.5°	4033.1	3589.9	2323.0	342.7	58.2	21.9	7.9
62°	4030.8	3581.7	2303.8	315.4	54.8	10.0	7.0
62.5°	4028.4	3573.0	2284.9	295.9	52.1	7.6	6.2
63°	4025.8	3564.6	2266.0	284.6	49.7	7.3	5.8
63.5°	4023.8	3556.7	2246.3	273.5	47.5	7.2	5.3
64°	4022.7	3548.7	2225.8	262.4	45.3	7.2	4.9
64.5°	4020.4	3541.6	2204.8	251.4	43.0	7.1	4.6
65°	4017.6	3535.0	2183.1	245.7	40.8	6.9	4.4
65.5°	4015.2	3528.3	2160.3	240.2	38.5	6.6	4.2
66°	4012.1	3522.0	2136.0	235.0	36.3	6.3	4.1
66.5°	4008.7	3516.4	2111.6	229.6	34.1	6.1	4.1
67°	4006.3	3510.8	2085.7	224.3	31.7	5.9	4.0

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
67.5°	4004.0	3506.0	2059.6	219.4	28.6	5.7	4.0
68°	4001.7	3501.3	2033.7	215.1	25.6	5.5	4.0
68.5°	3998.5	3496.1	2007.2	210.9	23.3	5.2	3.9
69°	3995.7	3491.6	1981.1	207.1	21.5	5.0	3.9
69.5°	3991.9	3486.4	1954.3	203.5	19.9	4.8	3.9
70°	3987.1	3481.9	1927.1	200.0	18.2	4.5	3.9
70.5°	3982.9	3478.1	1899.8	196.4	16.4	4.3	3.9
71°	3978.1	3475.2	1871.9	192.5	14.5	4.1	3.9
71.5°	3972.1	3472.2	1844.0	188.5	12.4	3.9	4.0
72°	3965.2	3470.1	1814.8	184.2	10.2	3.7	4.0
72.5°	3958.5	3466.8	1784.9	179.6	7.9	3.6	4.1
73°	3949.7	3462.1	1752.0	174.9	6.0	3.4	4.2
73.5°	3940.3	3457.1	1719.0	169.6	4.6	3.3	4.3
74°	3927.5	3452.2	1684.6	163.2	3.5	3.2	4.4
74.5°	3913.6	3447.3	1652.0	155.8	3.1	3.1	4.5
75°	3898.4	3443.2	1620.6	147.5	3.0	3.0	4.6
75.5°	3879.3	3438.8	1590.6	138.2	2.9	3.0	4.7
76°	3858.7	3432.3	1561.5	128.5	2.8	3.0	4.8
76.5°	3836.9	3425.9	1530.0	118.8	2.7	3.0	4.8
77°	3813.2	3419.2	1500.3	109.6	2.6	3.0	4.9
77.5°	3789.4	3413.1	1471.8	100.6	2.6	3.0	5.0
78°	3764.8	3407.7	1442.1	92.1	2.6	3.0	5.1
78.5°	3741.8	3402.5	1414.8	83.9	2.6	3.1	5.2
79°	3719.7	3397.6	1388.4	76.0	2.6	3.2	5.3
79.5°	3700.7	3390.4	1362.1	68.7	2.6	3.2	5.5
80°	3683.8	3385.4	1336.6	61.6	2.6	3.3	5.6
80.5°	3669.7	3381.6	1312.6	54.9	2.6	3.4	5.7
81°	3661.0	3382.8	1289.5	48.9	2.6	3.5	5.9
81.5°	3658.1	3398.7	1268.6	43.7	2.6	3.7	6.0
82°	3661.7	3425.3	1249.5	39.1	2.7	3.8	6.1
82.5°	3672.0	3463.4	1231.8	35.1	2.7	3.9	6.2
83°	3695.2	3518.3	1219.0	31.6	2.8	4.0	6.3
83.5°	3732.1	3594.6	1205.6	28.2	2.8	4.1	6.4
84°	3788.8	3685.2	1194.7	25.1	2.8	4.2	6.6
84.5°	3866.6	3775.8	1188.0	22.3	2.9	4.3	6.7
85°	3964.2	3886.5	1186.6	19.7	3.0	4.4	6.8
85.5°	4094.6	3980.6	1188.2	17.4	3.0	4.5	7.0
86°	4243.7	4024.7	1198.9	15.2	3.0	4.6	7.1
86.5°	4364.4	4002.5	1223.9	13.3	3.1	4.8	7.3
87°	4423.8	3894.2	1259.3	11.4	3.2	4.9	7.4
87.5°	4389.7	3697.3	1306.5	9.7	3.2	5.0	7.5
88°	4219.1	3417.5	1351.5	8.1	3.3	5.1	7.6
88.5°	3955.1	3098.9	1393.2	6.6	3.4	5.2	7.7
89°	3587.5	2775.7	1419.5	5.3	3.5	5.3	7.8
89.5°	3218.6	2490.9	1431.4	4.4	3.5	5.5	8.0

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CATALOG NUMBER: AWP75S-BZ-HIGH-3000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
90°	2857.4	2248.7	1418.9	3.4	3.6	5.6	8.1
90.5°	2530.9	2055.9	1382.2	3.0	3.7	5.7	8.2
91°	2284.0	1979.4	1319.3	3.0	3.8	5.8	8.3
91.5°	2123.4	2025.2	1216.5	2.9	3.9	6.0	8.4
92°	2120.3	2161.5	1074.0	2.8	4.0	6.1	8.5
92.5°	2237.9	2254.1	944.9	2.8	4.1	6.2	8.6
93°	2340.5	2202.4	815.7	2.7	4.2	6.3	8.7
93.5°	2216.5	1931.2	686.6	2.7	4.3	6.5	8.8
94°	1816.1	1484.9	557.4	2.6	4.4	6.6	8.9
94.5°	1415.2	1009.1	428.2	2.6	4.5	6.7	9.0
95°	1015.3	589.8	302.6	2.5	4.6	6.8	9.1
95.5°	618.1	332.7	236.4	2.5	4.7	6.9	9.2
96°	241.3	285.8	190.9	2.5	4.8	7.0	9.3
96.5°	209.2	240.9	164.7	2.4	4.9	7.1	9.4
97°	202.1	196.3	154.1	2.4	5.0	7.3	9.5
97.5°	201.2	151.8	150.0	2.4	5.0	7.4	9.6
98°	204.0	149.6	141.9	2.4	5.1	7.5	9.7
98.5°	203.3	145.6	126.0	2.4	5.2	7.5	9.7
99°	199.1	138.4	113.0	2.4	5.3	7.6	9.8
99.5°	187.4	126.7	104.7	2.4	5.4	7.7	9.9
100°	171.8	115.4	99.0	2.4	5.4	7.8	10.0
100.5°	158.2	106.5	91.4	2.4	5.5	7.9	10.0
101°	151.5	97.9	72.8	2.4	5.6	8.0	10.1
101.5°	143.9	89.4	58.5	2.4	5.7	8.1	10.2
102°	133.0	82.0	47.3	2.4	5.7	8.1	10.2
102.5°	126.3	76.8	35.4	2.4	5.8	8.3	10.3
103°	124.5	73.5	30.4	2.4	5.9	8.4	10.4
103.5°	124.2	71.4	26.1	2.4	6.0	8.5	10.4
104°	122.4	70.5	22.5	2.5	6.0	8.6	10.5
104.5°	119.1	69.7	18.9	2.5	6.1	8.6	10.6
105°	115.0	68.6	15.3	2.5	6.2	8.7	10.6
105.5°	110.3	66.6	12.4	2.6	6.2	8.8	10.7
106°	105.2	64.4	10.1	2.6	6.3	8.8	10.7
106.5°	99.7	61.2	8.8	2.6	6.3	8.9	10.7
107°	93.7	57.2	7.9	2.7	6.4	9.0	10.8
107.5°	85.9	52.0	7.0	2.7	6.5	9.1	10.8
108°	75.1	45.1	6.2	2.7	6.5	9.1	10.8
108.5°	60.9	36.8	5.5	2.8	6.6	9.2	10.9
109°	48.3	29.2	4.8	2.8	6.6	9.2	10.9
109.5°	38.2	20.8	4.2	2.9	6.7	9.3	10.9
110°	31.2	13.6	3.8	2.9	6.7	9.3	10.9
110.5°	27.3	8.7	3.3	3.0	6.8	9.4	10.9
111°	24.3	6.6	2.9	3.0	6.8	9.4	11.0
111.5°	20.4	5.1	2.6	3.0	6.9	9.5	11.0
112°	17.1	3.7	2.3	3.1	6.9	9.6	11.0

REPORT NUMBER: P1197052

CATALOG NUMBER: AWP75S-BZ-HIGH-3000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
112.5°	14.1	2.7	2.0	3.1	7.0	9.6	11.0
113°	9.9	2.0	1.9	3.2	7.0	9.7	11.0
113.5°	5.2	1.5	1.7	3.2	7.1	9.7	11.1
114°	3.2	1.2	1.6	3.3	7.1	9.8	11.1
114.5°	2.6	1.1	1.5	3.3	7.2	9.8	11.1
115°	2.2	1.0	1.4	3.4	7.2	9.9	11.2
115.5°	1.7	0.9	1.3	3.4	7.3	9.9	11.2
116°	1.1	0.9	1.3	3.5	7.3	9.9	11.2
116.5°	1.0	0.8	1.3	3.6	7.4	10.0	11.2
117°	1.0	0.8	1.2	3.6	7.4	10.0	11.2
117.5°	1.0	0.8	1.2	3.6	7.5	10.1	11.2
118°	0.9	0.7	1.2	3.7	7.5	10.1	11.3
118.5°	0.9	0.7	1.2	3.7	7.6	10.2	11.3
119°	0.9	0.7	1.2	3.8	7.6	10.2	11.3
119.5°	0.8	0.7	1.2	3.8	7.7	10.3	11.3
120°	0.8	0.7	1.2	3.9	7.7	10.3	11.3
120.5°	0.8	0.6	1.2	4.0	7.7	10.3	11.4
121°	0.8	0.6	1.3	4.0	7.8	10.4	11.4
121.5°	0.7	0.6	1.3	4.1	7.8	10.4	11.4
122°	0.7	0.6	1.4	4.1	7.9	10.4	11.4
122.5°	0.6	0.6	1.4	4.2	7.9	10.5	11.5
123°	0.6	0.5	1.4	4.2	7.9	10.5	11.5
123.5°	0.5	0.5	1.5	4.3	8.0	10.5	11.5
124°	0.5	0.5	1.5	4.3	8.0	10.6	11.5
124.5°	0.5	0.5	1.6	4.4	8.1	10.6	11.5
125°	0.5	0.5	1.6	4.4	8.1	10.6	11.5
125.5°	0.5	0.5	1.7	4.5	8.1	10.6	11.5
126°	0.5	0.5	1.7	4.5	8.1	10.6	11.5
126.5°	0.5	0.5	1.8	4.6	8.2	10.6	11.5
127°	0.5	0.5	1.8	4.6	8.2	10.6	11.5
127.5°	0.5	0.5	1.9	4.7	8.2	10.6	11.5
128°	0.5	0.5	1.9	4.8	8.2	10.6	11.5
128.5°	0.5	0.5	2.0	4.8	8.3	10.7	11.5
129°	0.5	0.5	2.1	4.9	8.3	10.7	11.5
129.5°	0.5	0.6	2.1	4.9	8.3	10.7	11.5
130°	0.5	0.6	2.2	5.0	8.4	10.7	11.5
130.5°	0.5	0.6	2.2	5.0	8.4	10.7	11.5
131°	0.5	0.6	2.3	5.1	8.4	10.7	11.5
131.5°	0.5	0.6	2.4	5.2	8.4	10.7	11.5
132°	0.5	0.7	2.4	5.2	8.5	10.7	11.5
132.5°	0.6	0.7	2.5	5.2	8.5	10.7	11.5
133°	0.6	0.8	2.5	5.3	8.5	10.7	11.5
133.5°	0.6	0.8	2.6	5.3	8.6	10.7	11.5
134°	0.6	0.9	2.7	5.4	8.6	10.7	11.5
134.5°	0.7	0.9	2.7	5.4	8.6	10.7	11.5

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CATALOG NUMBER: AWP75S-BZ-HIGH-3000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
135°	0.7	0.9	2.8	5.5	8.6	10.7	11.5
135.5°	0.7	1.0	2.9	5.5	8.7	10.7	11.5
136°	0.7	1.0	2.9	5.6	8.7	10.7	11.5
136.5°	0.8	1.0	3.0	5.6	8.7	10.7	11.5
137°	0.8	1.1	3.0	5.7	8.8	10.7	11.5
137.5°	0.8	1.2	3.1	5.7	8.8	10.7	11.5
138°	0.9	1.2	3.1	5.8	8.8	10.7	11.5
138.5°	0.9	1.2	3.2	5.9	8.8	10.7	11.5
139°	0.9	1.3	3.3	5.9	8.9	10.7	11.5
139.5°	0.9	1.3	3.3	6.0	8.9	10.7	11.5
140°	1.0	1.4	3.4	6.0	8.9	10.7	11.4
140.5°	1.0	1.4	3.5	6.1	8.9	10.8	11.4
141°	1.0	1.5	3.5	6.1	9.0	10.8	11.4
141.5°	1.1	1.6	3.6	6.2	9.0	10.7	11.3
142°	1.1	1.6	3.6	6.2	9.0	10.7	11.3
142.5°	1.1	1.7	3.7	6.2	9.0	10.7	11.3
143°	1.1	1.8	3.8	6.3	9.0	10.7	11.2
143.5°	1.2	1.8	3.8	6.3	9.1	10.7	11.2
144°	1.2	1.8	3.9	6.4	9.1	10.7	11.1
144.5°	1.2	1.9	4.0	6.5	9.1	10.7	11.1
145°	1.3	2.0	4.0	6.5	9.1	10.7	11.1
145.5°	1.3	2.0	4.1	6.5	9.1	10.7	11.0
146°	1.4	2.1	4.2	6.6	9.1	10.7	11.0
146.5°	1.4	2.2	4.2	6.6	9.2	10.7	10.9
147°	1.4	2.2	4.3	6.7	9.2	10.7	10.9
147.5°	1.5	2.3	4.3	6.7	9.2	10.7	10.8
148°	1.5	2.3	4.4	6.8	9.2	10.7	10.8
148.5°	1.6	2.4	4.5	6.8	9.2	10.7	10.8
149°	1.6	2.5	4.5	6.8	9.2	10.7	10.8
149.5°	1.7	2.5	4.6	6.9	9.3	10.7	10.7
150°	1.7	2.6	4.7	6.9	9.3	10.6	10.7
150.5°	1.8	2.7	4.7	7.0	9.3	10.7	10.6
151°	1.9	2.8	4.8	7.0	9.3	10.7	10.6
151.5°	1.9	2.8	4.9	7.1	9.3	10.6	10.6
152°	2.0	2.9	4.9	7.1	9.4	10.6	10.5
152.5°	2.1	3.0	5.0	7.1	9.4	10.6	10.5
153°	2.1	3.1	5.1	7.2	9.4	10.6	10.4
153.5°	2.2	3.1	5.1	7.2	9.4	10.6	10.4
154°	2.3	3.2	5.2	7.3	9.4	10.6	10.3
154.5°	2.4	3.3	5.3	7.4	9.4	10.6	10.3
155°	2.4	3.4	5.3	7.4	9.4	10.6	10.2
155.5°	2.5	3.5	5.4	7.4	9.4	10.6	10.2
156°	2.6	3.6	5.5	7.5	9.4	10.6	10.1
156.5°	2.7	3.6	5.5	7.5	9.4	10.6	10.1
157°	2.7	3.7	5.6	7.5	9.4	10.5	10.1

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CATALOG NUMBER: AWP75S-BZ-HIGH-3000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
157.5°	2.8	3.8	5.7	7.6	9.4	10.5	10.0
158°	2.9	3.9	5.7	7.6	9.4	10.5	10.0
158.5°	2.9	4.0	5.8	7.6	9.4	10.5	9.9
159°	3.0	4.1	5.8	7.7	9.4	10.4	9.9
159.5°	3.0	4.1	5.9	7.7	9.4	10.4	9.8
160°	3.1	4.2	6.0	7.8	9.4	10.4	9.8
160.5°	3.2	4.3	6.0	7.8	9.4	10.3	9.7
161°	3.3	4.4	6.1	7.8	9.4	10.3	9.7
161.5°	3.3	4.5	6.1	7.9	9.4	10.3	9.6
162°	3.4	4.5	6.2	7.9	9.4	10.3	9.5
162.5°	3.5	4.6	6.3	7.9	9.4	10.2	9.5
163°	3.5	4.7	6.3	7.9	9.4	10.2	9.4
163.5°	3.6	4.7	6.4	8.0	9.4	10.1	9.3
164°	3.7	4.8	6.4	8.0	9.4	10.1	9.2
164.5°	3.8	4.9	6.5	8.1	9.4	10.1	9.1
165°	3.8	5.0	6.6	8.1	9.4	10.1	9.1
165.5°	3.9	5.0	6.6	8.1	9.4	10.0	9.0
166°	4.0	5.1	6.7	8.2	9.4	10.0	9.0
166.5°	4.0	5.2	6.7	8.2	9.4	9.9	8.9
167°	4.1	5.3	6.8	8.2	9.4	9.9	8.9
167.5°	4.2	5.3	6.9	8.3	9.4	9.9	8.8
168°	4.3	5.4	6.9	8.3	9.4	9.8	8.7
168.5°	4.3	5.5	7.0	8.3	9.4	9.8	8.6
169°	4.4	5.5	7.0	8.4	9.4	9.8	8.5
169.5°	4.5	5.6	7.1	8.4	9.4	9.7	8.5
170°	4.6	5.7	7.2	8.4	9.4	9.7	8.4
170.5°	4.7	5.8	7.2	8.4	9.3	9.6	8.3
171°	4.7	5.8	7.3	8.4	9.3	9.6	8.2
171.5°	4.8	5.9	7.3	8.5	9.3	9.5	8.1
172°	4.9	6.0	7.4	8.5	9.2	9.4	8.0
172.5°	5.0	6.0	7.5	8.5	9.2	9.4	7.9
173°	5.1	6.1	7.5	8.5	9.2	9.3	7.8
173.5°	5.1	6.2	7.6	8.6	9.2	9.3	7.7
174°	5.2	6.3	7.6	8.6	9.1	9.2	7.6
174.5°	5.3	6.4	7.7	8.6	9.1	9.1	7.5
175°	5.4	6.5	7.7	8.6	9.1	9.1	7.4
175.5°	5.5	6.5	7.8	8.6	9.1	9.0	7.3
176°	5.6	6.6	7.8	8.6	9.0	9.0	7.2
176.5°	5.7	6.7	7.9	8.6	9.0	8.9	7.1
177°	5.8	6.8	8.0	8.7	9.0	8.9	7.0
177.5°	5.9	6.9	8.0	8.7	9.0	8.8	6.9
178°	6.0	7.0	8.1	8.7	8.9	8.8	6.8
178.5°	6.1	7.1	8.1	8.7	8.9	8.7	6.7
179°	6.2	7.1	8.2	8.7	8.8	8.6	6.6
179.5°	6.3	7.2	8.2	8.7	8.8	8.5	6.5



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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
180°	6.4	6.4	6.4	6.4	6.4	6.4	6.4

(END OF REPORT)