

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: P1197058

Luminaire Tested: AWP75S-BZ-HIGH-5000K-POSITION 30

Issue Date: 10/29/2025

Test Information

Test Method: LM-79-2019
Report Number: P1197058
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-5000K-POSITION 30
Description: AWP Architectural Wall Pack Series - Wall Mount Luminaire
Light Source: 80 CRI, 5000K
Ballast/Driver: -

Summary

Lumens per Lamp: 9923 (1 lamp)
Luminaire Lumens: 10771 lumens
Efficiency: 108.5%
Efficacy: 142.3 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): 75.7
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

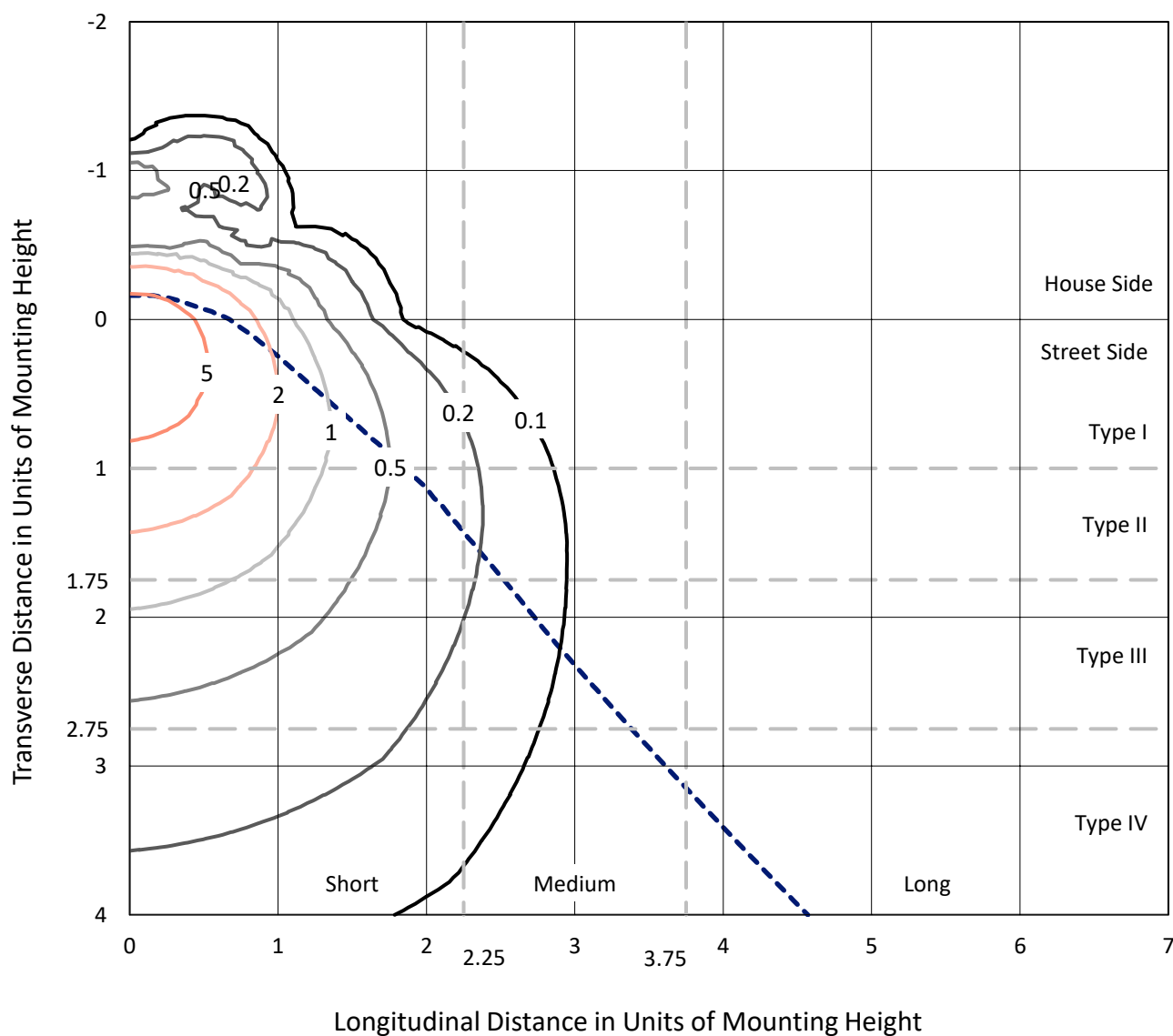
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

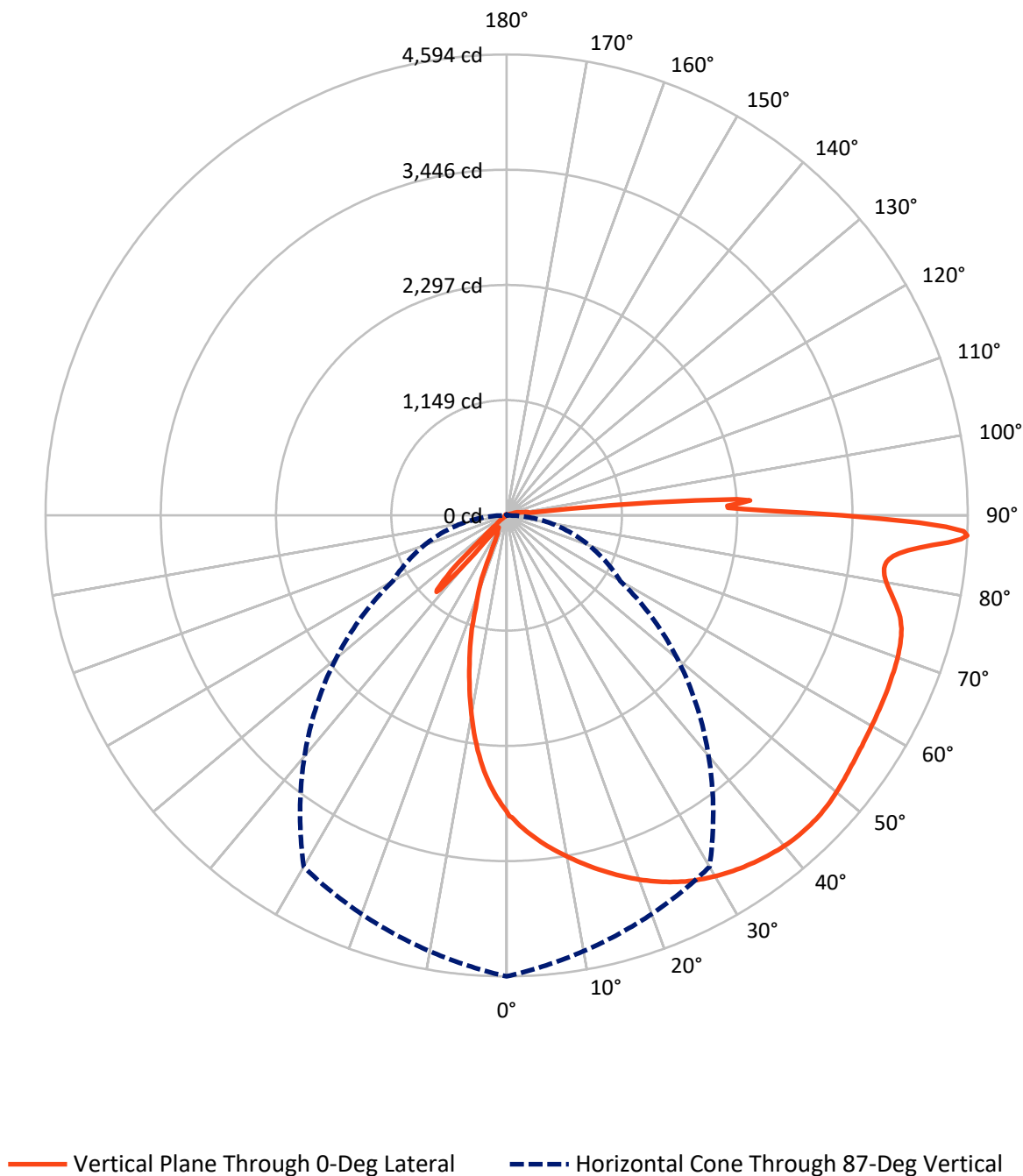


Based on 20 foot mounting height. Maximum calculated value = 8.3 fc
Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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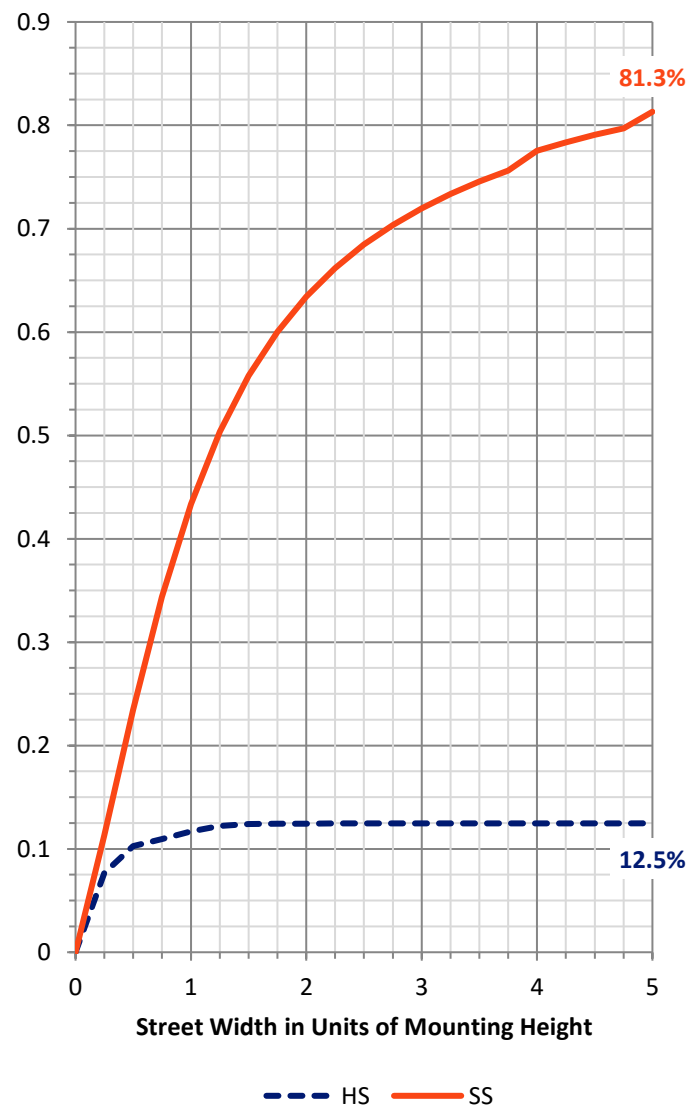
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1255.3	26.4	1281.8
	% Lamp	12.7	0.3	12.9
Street Side	Lumens	9043.7	445.6	9489.3
	% Lamp	91.1	4.5	95.6
Total	Lumens	10299.0	472.0	10771.0
	% Lamp	103.8	4.8	108.5

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	279.4	2.6	2.8
10°-20°	758.5	7.0	7.6
20°-30°	1067.5	9.9	10.8
30°-40°	1285.5	11.9	13.0
40°-50°	1468.6	13.6	14.8
50°-60°	1479.4	13.7	14.9
60°-70°	1381.3	12.8	13.9
70°-80°	1309.2	12.2	13.2
80°-90°	1269.8	11.8	12.8
90°-100°	415.2	3.9	4.2
100°-110°	30.9	0.3	0.3
110°-120°	5.9	0.1	0.1
120°-130°	4.8	0.0	0.0
130°-140°	4.6	0.0	0.0
140°-150°	4.2	0.0	0.0
150°-160°	3.4	0.0	0.0
160°-170°	2.2	0.0	0.0
170°-180°	0.8	0.0	0.0
0°-90°	10299.0	95.6	103.8
0°-180°	10771.0	100.0	108.5

Coefficient of Utilization



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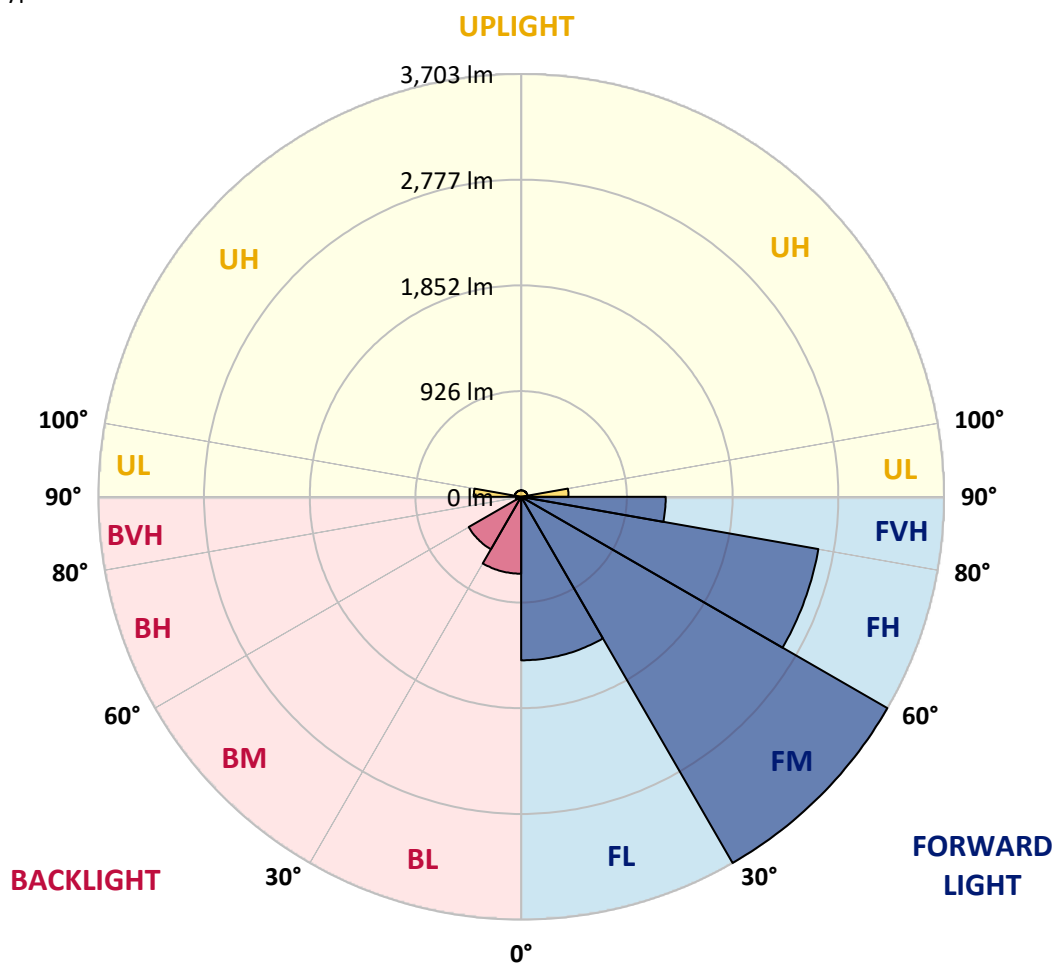
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1432.0	14.4			
FM	(30°-60°)	3703.3	37.3			
FH	(60°-80°)	2642.9	26.6			G2/5000
FVH	(80°-90°)	1265.5	12.8			G5
BL	(0°-30°)	673.5	6.8	B2/1000		
BM	(30°-60°)	530.1	5.3	B1/1000		
BH	(60°-80°)	47.5	0.5	B0/110		G0/110
BVH	(80°-90°)	4.3	0.0			G0/10
UL	(90°-100°)	415.2	4.2		U3/500	
UH	(100°-180°)	56.8	0.6		U3/500	
Trapped Light		-848.0	-8.5			

BUG Rating: B2-U3-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°
0°	2999.4	2999.4	2999.4	2999.4	2999.4	2999.4	2999.4
0.5°	3010.3	3028.6	3024.8	3013.5	2990.3	2958.2	2947.3
1°	3039.5	3053.4	3038.7	3013.4	2975.3	2930.1	2915.1
1.5°	3067.4	3078.4	3051.7	3012.1	2958.7	2901.8	2881.5
2°	3095.8	3102.1	3066.1	3011.9	2942.2	2871.7	2845.5
2.5°	3123.0	3125.0	3079.4	3009.6	2924.9	2839.9	2809.5
3°	3149.1	3147.1	3091.1	3006.3	2906.4	2807.6	2771.3
3.5°	3174.7	3168.7	3103.3	3004.3	2887.1	2774.0	2732.5
4°	3199.4	3189.8	3115.0	3001.5	2868.2	2738.6	2691.2
4.5°	3223.7	3210.2	3124.6	2997.5	2847.8	2703.8	2647.6
5°	3248.8	3230.6	3134.7	2994.3	2826.4	2666.7	2604.8
5.5°	3272.2	3250.1	3144.7	2990.2	2805.7	2626.2	2557.8
6°	3295.3	3269.6	3153.5	2985.3	2783.3	2587.7	2510.2
6.5°	3318.3	3288.0	3162.8	2980.4	2760.3	2546.8	2461.8
7°	3341.1	3306.8	3171.6	2974.7	2737.1	2503.6	2411.5
7.5°	3363.1	3324.6	3178.6	2968.9	2713.6	2459.4	2358.0
8°	3385.5	3342.7	3186.4	2963.2	2688.0	2415.1	2303.9
8.5°	3407.1	3360.6	3193.9	2956.6	2662.8	2367.9	2249.0
9°	3428.7	3377.7	3200.5	2949.8	2637.4	2319.5	2193.6
9.5°	3451.7	3394.3	3206.6	2942.6	2610.5	2271.0	2135.7
10°	3472.8	3412.0	3212.9	2934.7	2581.0	2220.9	2076.8
10.5°	3494.1	3429.4	3218.2	2927.4	2553.9	2169.3	2016.4
11°	3515.9	3445.6	3223.7	2919.2	2523.4	2118.1	1954.8
11.5°	3536.8	3461.0	3228.9	2910.4	2493.9	2065.7	1895.8
12°	3558.5	3477.2	3234.2	2902.0	2463.8	2012.0	1835.7
12.5°	3578.9	3494.4	3238.3	2892.5	2432.2	1957.0	1772.1
13°	3600.3	3509.5	3243.0	2882.8	2399.2	1902.1	1711.3
13.5°	3621.9	3525.1	3246.4	2873.7	2368.4	1845.0	1651.8
14°	3642.6	3541.3	3250.0	2862.9	2333.1	1790.5	1590.0
14.5°	3663.6	3556.0	3253.9	2852.0	2297.2	1733.2	1529.3
15°	3683.9	3571.9	3256.6	2841.8	2263.7	1679.3	1471.8
15.5°	3704.3	3586.6	3259.2	2829.7	2227.0	1622.3	1413.5
16°	3725.1	3602.2	3262.0	2818.7	2188.8	1566.7	1357.0
16.5°	3745.2	3617.0	3264.6	2807.9	2152.8	1513.0	1299.6
17°	3764.7	3631.9	3266.8	2794.3	2115.3	1459.5	1245.4
17.5°	3785.0	3646.7	3268.8	2780.8	2075.6	1405.1	1184.0
18°	3804.5	3661.2	3270.9	2769.5	2036.9	1354.3	1110.3
18.5°	3824.1	3674.8	3272.3	2755.8	1997.5	1301.3	1037.9
19°	3843.3	3689.4	3273.4	2741.1	1955.4	1249.7	973.9
19.5°	3862.8	3703.1	3274.3	2728.7	1914.7	1199.7	917.2
20°	3880.8	3716.4	3275.2	2713.9	1874.4	1149.0	868.3
20.5°	3898.6	3730.2	3275.3	2699.1	1830.7	1090.8	823.3
21°	3915.9	3743.3	3276.4	2684.2	1786.6	1023.6	783.9
21.5°	3933.7	3756.1	3277.1	2668.2	1744.6	959.6	737.7
22°	3950.3	3768.9	3276.3	2651.7	1700.4	901.8	678.5

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
22.5°	3967.6	3781.0	3276.3	2636.0	1656.5	852.1	601.1
23°	3984.0	3792.0	3275.2	2618.8	1614.7	807.7	514.0
23.5°	4000.2	3804.6	3274.3	2601.8	1569.8	767.7	426.3
24°	4015.5	3815.5	3273.5	2584.9	1525.5	729.0	355.5
24.5°	4031.4	3826.6	3273.3	2566.8	1483.9	687.6	302.4
25°	4045.2	3837.7	3271.6	2548.9	1439.8	632.7	280.8
25.5°	4059.3	3847.9	3269.7	2530.2	1394.3	565.5	260.2
26°	4072.9	3858.5	3267.7	2510.9	1350.8	487.2	239.6
26.5°	4085.6	3868.9	3265.4	2492.7	1308.5	408.4	219.0
27°	4097.8	3877.6	3263.0	2473.2	1264.5	341.4	208.5
27.5°	4109.7	3887.2	3261.1	2452.3	1222.9	289.6	200.9
28°	4121.2	3895.6	3258.3	2432.5	1182.5	267.6	195.6
28.5°	4131.7	3903.5	3254.6	2411.7	1141.4	246.9	192.0
29°	4142.8	3912.2	3251.0	2390.1	1103.0	226.2	189.1
29.5°	4153.4	3918.7	3247.4	2368.6	1064.8	205.5	186.9
30°	4164.0	3925.9	3244.1	2347.1	1026.4	196.7	184.7
30.5°	4173.7	3932.4	3239.6	2324.0	988.1	190.1	181.9
31°	4183.1	3938.7	3235.4	2301.4	952.2	185.6	177.5
31.5°	4192.0	3944.5	3231.2	2279.3	916.7	183.2	171.0
32°	4200.5	3949.6	3226.1	2254.7	881.2	182.2	163.5
32.5°	4209.5	3954.3	3220.8	2232.0	848.6	182.3	157.2
33°	4217.7	3959.1	3215.6	2207.1	815.9	183.2	151.5
33.5°	4225.7	3963.9	3210.0	2182.6	778.2	184.0	145.8
34°	4233.1	3968.0	3203.6	2157.6	741.8	185.0	144.7
34.5°	4241.2	3971.9	3197.4	2131.3	705.4	186.2	145.6
35°	4248.3	3975.9	3191.0	2105.2	668.4	187.5	147.1
35.5°	4255.4	3978.9	3183.2	2079.3	627.9	188.7	149.7
36°	4262.0	3981.3	3176.3	2052.3	587.4	189.4	154.7
36.5°	4268.6	3984.8	3168.9	2025.3	546.9	189.3	165.1
37°	4275.1	3987.6	3160.9	1997.5	506.4	187.6	185.5
37.5°	4280.7	3990.1	3153.2	1969.2	465.0	181.0	208.4
38°	4286.6	3992.6	3145.1	1941.7	410.7	174.0	222.2
38.5°	4292.1	3994.8	3136.4	1912.7	359.6	166.6	233.1
39°	4297.8	3996.8	3127.4	1883.8	318.2	158.6	254.0
39.5°	4301.4	3998.0	3118.3	1855.9	283.9	151.4	297.6
40°	4306.2	3999.3	3108.7	1826.5	260.0	144.9	369.7
40.5°	4309.6	3999.1	3098.6	1797.4	243.8	139.3	494.3
41°	4313.0	3999.5	3089.6	1769.6	232.5	135.2	619.2
41.5°	4316.1	3998.8	3079.4	1740.0	224.0	133.8	744.1
42°	4317.7	3998.8	3068.6	1711.3	217.4	133.9	869.1
42.5°	4319.0	3998.1	3058.8	1682.9	211.5	135.2	994.1
43°	4320.5	3996.8	3047.8	1652.2	206.3	135.9	1033.1
43.5°	4321.4	3995.3	3035.8	1621.1	201.5	137.2	1016.0
44°	4321.5	3993.5	3025.1	1587.5	197.0	140.3	960.4
44.5°	4321.5	3990.7	3013.2	1553.1	193.1	148.4	904.3

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
45°	4320.5	3987.5	3000.5	1517.0	189.4	164.4	843.6
45.5°	4319.7	3982.8	2987.5	1479.7	186.0	196.0	779.1
46°	4317.7	3978.9	2975.0	1442.3	183.0	236.4	669.6
46.5°	4315.1	3975.2	2961.1	1405.3	179.8	270.2	534.6
47°	4312.1	3970.0	2946.9	1367.2	176.7	310.8	405.9
47.5°	4308.1	3964.7	2932.8	1329.0	174.0	366.0	306.7
48°	4304.5	3959.4	2917.8	1292.9	171.7	434.1	265.7
48.5°	4300.2	3954.0	2902.6	1254.5	168.8	475.2	226.2
49°	4295.8	3947.7	2886.9	1216.9	165.8	514.8	186.5
49.5°	4290.9	3940.7	2871.1	1180.5	163.0	554.4	146.4
50°	4285.8	3934.2	2854.7	1143.1	160.0	594.5	131.1
50.5°	4280.2	3926.8	2838.1	1104.3	156.9	634.6	119.4
51°	4274.9	3919.4	2820.6	1066.4	152.9	607.3	108.7
51.5°	4269.3	3910.6	2803.0	1028.5	149.0	572.6	98.2
52°	4263.6	3901.7	2785.4	988.5	145.3	543.8	88.9
52.5°	4257.7	3893.8	2767.8	949.8	141.5	509.0	80.6
53°	4252.3	3885.0	2749.9	911.7	137.8	476.3	73.2
53.5°	4246.9	3875.8	2732.0	873.1	133.7	446.2	66.4
54°	4242.0	3865.9	2712.1	836.6	128.5	414.5	59.9
54.5°	4237.1	3856.4	2692.7	800.5	123.7	381.9	54.0
55°	4232.4	3846.2	2672.2	765.1	119.0	348.2	47.8
55.5°	4227.9	3836.7	2651.0	732.2	114.4	311.8	41.7
56°	4224.0	3827.8	2630.5	700.4	110.1	280.2	36.2
56.5°	4220.7	3818.5	2610.6	671.1	105.6	248.6	31.0
57°	4216.7	3808.9	2590.1	644.2	101.2	217.1	26.0
57.5°	4212.8	3799.9	2570.0	618.7	97.0	185.5	21.7
58°	4208.9	3790.0	2550.2	594.8	92.0	154.0	17.7
58.5°	4205.9	3780.9	2530.9	571.4	86.9	131.5	15.6
59°	4203.2	3772.0	2510.3	544.7	82.2	110.6	14.1
59.5°	4199.3	3763.5	2491.1	513.5	77.7	88.5	12.7
60°	4196.3	3753.8	2472.3	478.8	72.8	67.6	11.4
60.5°	4194.4	3745.1	2452.2	437.0	68.8	53.3	10.2
61°	4191.1	3736.3	2432.2	394.7	65.0	41.3	9.1
61.5°	4188.7	3728.3	2412.6	355.9	60.5	22.7	8.2
62°	4186.3	3719.8	2392.6	327.5	56.9	10.4	7.2
62.5°	4183.8	3710.8	2373.0	307.3	54.1	7.8	6.5
63°	4181.1	3702.1	2353.4	295.5	51.7	7.5	6.0
63.5°	4179.0	3693.9	2332.9	284.1	49.3	7.5	5.5
64°	4177.9	3685.6	2311.6	272.6	47.0	7.5	5.0
64.5°	4175.5	3678.2	2289.8	261.1	44.7	7.4	4.7
65°	4172.5	3671.3	2267.3	255.2	42.3	7.2	4.5
65.5°	4170.1	3664.4	2243.7	249.5	39.9	6.8	4.4
66°	4166.8	3657.8	2218.3	244.1	37.7	6.6	4.3
66.5°	4163.3	3652.0	2193.0	238.4	35.4	6.4	4.2
67°	4160.8	3646.2	2166.1	232.9	32.9	6.1	4.2

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CATALOG NUMBER: AWP75S-BZ-HIGH-5000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
67.5°	4158.5	3641.3	2139.1	227.9	29.7	5.9	4.1
68°	4156.1	3636.3	2112.1	223.4	26.6	5.7	4.1
68.5°	4152.7	3630.9	2084.6	219.0	24.2	5.5	4.1
69°	4149.9	3626.3	2057.5	215.1	22.4	5.2	4.1
69.5°	4145.9	3620.9	2029.7	211.4	20.7	5.0	4.1
70°	4140.9	3616.2	2001.4	207.7	18.9	4.7	4.1
70.5°	4136.6	3612.3	1973.1	204.0	17.1	4.5	4.1
71°	4131.5	3609.3	1944.1	199.9	15.1	4.2	4.0
71.5°	4125.3	3606.1	1915.1	195.8	12.9	4.1	4.1
72°	4118.2	3604.0	1884.8	191.3	10.6	3.9	4.2
72.5°	4111.2	3600.5	1853.7	186.6	8.3	3.7	4.3
73°	4102.0	3595.6	1819.6	181.7	6.2	3.6	4.4
73.5°	4092.3	3590.4	1785.3	176.1	4.7	3.4	4.5
74°	4079.0	3585.3	1749.6	169.5	3.6	3.3	4.6
74.5°	4064.6	3580.3	1715.8	161.8	3.2	3.2	4.7
75°	4048.8	3576.0	1683.1	153.2	3.1	3.1	4.8
75.5°	4028.9	3571.4	1651.9	143.5	3.0	3.1	4.8
76°	4007.5	3564.7	1621.7	133.4	2.9	3.1	4.9
76.5°	3984.8	3558.0	1589.0	123.4	2.8	3.1	5.0
77°	3960.3	3551.0	1558.2	113.8	2.7	3.1	5.1
77.5°	3935.6	3544.7	1528.5	104.5	2.7	3.1	5.2
78°	3910.0	3539.2	1497.7	95.7	2.7	3.1	5.3
78.5°	3886.2	3533.7	1469.4	87.2	2.7	3.2	5.4
79°	3863.2	3528.6	1442.0	78.9	2.7	3.3	5.5
79.5°	3843.5	3521.1	1414.6	71.4	2.7	3.4	5.7
80°	3825.9	3516.0	1388.2	63.9	2.7	3.5	5.8
80.5°	3811.2	3512.0	1363.2	57.0	2.7	3.6	5.9
81°	3802.2	3513.3	1339.2	50.8	2.7	3.7	6.1
81.5°	3799.2	3529.8	1317.5	45.4	2.7	3.8	6.2
82°	3802.9	3557.4	1297.6	40.6	2.8	3.9	6.4
82.5°	3813.6	3597.0	1279.3	36.5	2.8	4.0	6.5
83°	3837.7	3654.0	1266.0	32.8	2.9	4.1	6.6
83.5°	3876.0	3733.3	1252.1	29.3	2.9	4.2	6.7
84°	3934.9	3827.4	1240.8	26.1	2.9	4.3	6.8
84.5°	4015.7	3921.5	1233.8	23.2	3.0	4.5	7.0
85°	4117.1	4036.4	1232.4	20.5	3.1	4.6	7.1
85.5°	4252.5	4134.1	1234.0	18.1	3.1	4.7	7.3
86°	4407.4	4180.0	1245.1	15.8	3.2	4.8	7.4
86.5°	4532.8	4156.9	1271.1	13.8	3.2	4.9	7.5
87°	4594.4	4044.4	1307.9	11.8	3.3	5.1	7.7
87.5°	4559.0	3839.9	1356.9	10.0	3.4	5.2	7.8
88°	4381.8	3549.3	1403.7	8.4	3.4	5.3	7.9
88.5°	4107.7	3218.4	1447.0	6.9	3.5	5.4	8.0
89°	3725.9	2882.7	1474.2	5.5	3.6	5.5	8.1
89.5°	3342.8	2587.0	1486.6	4.5	3.7	5.7	8.3

REPORT NUMBER: P1197058

CATALOG NUMBER: AWP75S-BZ-HIGH-5000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
90°	2967.6	2335.4	1473.6	3.6	3.8	5.8	8.4
90.5°	2628.6	2135.2	1435.6	3.1	3.9	5.9	8.5
91°	2372.1	2055.8	1370.2	3.1	4.0	6.1	8.6
91.5°	2205.3	2103.3	1263.4	3.0	4.1	6.2	8.8
92°	2202.1	2244.9	1115.4	2.9	4.2	6.3	8.9
92.5°	2324.2	2341.0	981.3	2.9	4.3	6.4	9.0
93°	2430.7	2287.3	847.2	2.8	4.4	6.6	9.1
93.5°	2302.0	2005.7	713.0	2.8	4.5	6.7	9.2
94°	1886.1	1542.2	578.9	2.7	4.6	6.8	9.3
94.5°	1469.8	1048.0	444.8	2.7	4.7	6.9	9.4
95°	1054.5	612.5	314.3	2.6	4.8	7.1	9.5
95.5°	641.9	345.6	245.5	2.6	4.9	7.2	9.6
96°	250.7	296.8	198.3	2.6	5.0	7.3	9.7
96.5°	217.3	250.2	171.0	2.5	5.1	7.4	9.7
97°	209.9	203.9	160.1	2.5	5.2	7.5	9.9
97.5°	209.0	157.6	155.8	2.5	5.2	7.6	9.9
98°	211.8	155.4	147.4	2.5	5.3	7.7	10.0
98.5°	211.1	151.2	130.9	2.5	5.4	7.8	10.1
99°	206.8	143.7	117.3	2.5	5.5	7.9	10.2
99.5°	194.6	131.6	108.8	2.5	5.6	8.0	10.3
100°	178.4	119.9	102.8	2.5	5.6	8.1	10.3
100.5°	164.3	110.6	94.9	2.5	5.7	8.2	10.4
101°	157.4	101.7	75.6	2.5	5.8	8.3	10.5
101.5°	149.4	92.9	60.7	2.5	5.9	8.4	10.5
102°	138.1	85.2	49.2	2.5	6.0	8.5	10.6
102.5°	131.1	79.8	36.7	2.5	6.0	8.6	10.7
103°	129.3	76.3	31.6	2.5	6.1	8.7	10.8
103.5°	128.9	74.1	27.1	2.5	6.2	8.8	10.8
104°	127.1	73.2	23.4	2.6	6.3	8.9	10.9
104.5°	123.7	72.4	19.6	2.6	6.3	9.0	11.0
105°	119.4	71.2	15.9	2.6	6.4	9.0	11.0
105.5°	114.5	69.2	12.8	2.7	6.5	9.1	11.1
106°	109.2	66.9	10.5	2.7	6.5	9.2	11.1
106.5°	103.5	63.6	9.1	2.7	6.6	9.3	11.2
107°	97.3	59.4	8.2	2.8	6.6	9.3	11.2
107.5°	89.2	54.0	7.3	2.8	6.7	9.4	11.2
108°	78.0	46.8	6.5	2.8	6.8	9.5	11.2
108.5°	63.2	38.2	5.7	2.9	6.8	9.5	11.3
109°	50.2	30.3	5.0	2.9	6.9	9.6	11.3
109.5°	39.6	21.6	4.4	3.0	6.9	9.6	11.3
110°	32.4	14.1	3.9	3.0	7.0	9.7	11.3
110.5°	28.4	9.1	3.4	3.1	7.0	9.8	11.4
111°	25.2	6.9	3.0	3.1	7.1	9.8	11.4
111.5°	21.2	5.3	2.7	3.1	7.1	9.9	11.4
112°	17.7	3.9	2.4	3.2	7.2	9.9	11.4

REPORT NUMBER: P1197058

CATALOG NUMBER: AWP75S-BZ-HIGH-5000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
112.5°	14.6	2.8	2.1	3.2	7.3	10.0	11.4
113°	10.2	2.0	1.9	3.3	7.3	10.1	11.5
113.5°	5.4	1.5	1.8	3.4	7.4	10.1	11.5
114°	3.3	1.3	1.7	3.4	7.4	10.1	11.5
114.5°	2.7	1.1	1.5	3.4	7.5	10.2	11.6
115°	2.3	1.0	1.4	3.5	7.5	10.2	11.6
115.5°	1.7	0.9	1.4	3.6	7.6	10.3	11.6
116°	1.1	0.9	1.3	3.6	7.6	10.3	11.6
116.5°	1.1	0.8	1.3	3.7	7.7	10.4	11.6
117°	1.0	0.8	1.3	3.7	7.7	10.4	11.6
117.5°	1.0	0.8	1.3	3.8	7.8	10.5	11.7
118°	1.0	0.8	1.2	3.8	7.8	10.5	11.7
118.5°	0.9	0.7	1.2	3.9	7.9	10.6	11.8
119°	0.9	0.7	1.3	3.9	7.9	10.6	11.8
119.5°	0.9	0.7	1.3	4.0	8.0	10.7	11.8
120°	0.9	0.7	1.3	4.0	8.0	10.7	11.8
120.5°	0.8	0.7	1.3	4.1	8.0	10.7	11.8
121°	0.8	0.7	1.3	4.2	8.1	10.8	11.8
121.5°	0.7	0.6	1.4	4.2	8.1	10.8	11.9
122°	0.7	0.6	1.4	4.3	8.2	10.8	11.9
122.5°	0.6	0.6	1.4	4.3	8.2	10.9	11.9
123°	0.6	0.6	1.5	4.4	8.2	10.9	11.9
123.5°	0.6	0.6	1.5	4.4	8.3	10.9	11.9
124°	0.6	0.5	1.6	4.5	8.3	11.0	11.9
124.5°	0.5	0.5	1.6	4.6	8.4	11.0	11.9
125°	0.5	0.5	1.7	4.6	8.4	11.0	11.9
125.5°	0.5	0.5	1.7	4.7	8.4	11.0	11.9
126°	0.5	0.5	1.8	4.7	8.4	11.0	12.0
126.5°	0.5	0.5	1.9	4.8	8.5	11.0	12.0
127°	0.5	0.5	1.9	4.8	8.5	11.0	12.0
127.5°	0.5	0.5	2.0	4.9	8.5	11.1	12.0
128°	0.5	0.5	2.0	4.9	8.6	11.1	12.0
128.5°	0.5	0.5	2.1	5.0	8.6	11.1	12.0
129°	0.5	0.5	2.1	5.0	8.6	11.1	12.0
129.5°	0.5	0.6	2.2	5.1	8.7	11.1	12.0
130°	0.5	0.6	2.3	5.2	8.7	11.1	12.0
130.5°	0.5	0.6	2.3	5.2	8.7	11.1	12.0
131°	0.5	0.6	2.4	5.3	8.7	11.1	11.9
131.5°	0.5	0.7	2.5	5.4	8.8	11.1	11.9
132°	0.6	0.7	2.5	5.4	8.8	11.1	11.9
132.5°	0.6	0.7	2.6	5.4	8.8	11.1	11.9
133°	0.6	0.8	2.6	5.5	8.9	11.1	11.9
133.5°	0.6	0.8	2.7	5.6	8.9	11.1	11.9
134°	0.7	0.9	2.8	5.6	8.9	11.1	11.9
134.5°	0.7	0.9	2.8	5.7	9.0	11.1	11.9

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CATALOG NUMBER: AWP75S-BZ-HIGH-5000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
135°	0.7	0.9	2.9	5.7	9.0	11.1	11.9
135.5°	0.7	1.0	3.0	5.8	9.0	11.1	11.9
136°	0.8	1.0	3.0	5.8	9.0	11.1	11.9
136.5°	0.8	1.1	3.1	5.9	9.1	11.1	11.9
137°	0.8	1.1	3.1	5.9	9.1	11.1	11.9
137.5°	0.8	1.2	3.2	6.0	9.1	11.1	11.9
138°	0.9	1.2	3.3	6.0	9.1	11.1	11.9
138.5°	0.9	1.3	3.3	6.1	9.2	11.2	11.9
139°	0.9	1.3	3.4	6.1	9.2	11.2	11.9
139.5°	1.0	1.4	3.5	6.2	9.2	11.2	11.9
140°	1.0	1.4	3.5	6.2	9.3	11.2	11.9
140.5°	1.0	1.5	3.6	6.3	9.3	11.2	11.8
141°	1.1	1.5	3.6	6.3	9.3	11.2	11.8
141.5°	1.1	1.6	3.7	6.4	9.3	11.2	11.8
142°	1.1	1.7	3.8	6.4	9.3	11.2	11.7
142.5°	1.1	1.7	3.8	6.5	9.4	11.2	11.7
143°	1.2	1.8	3.9	6.6	9.4	11.1	11.6
143.5°	1.2	1.9	4.0	6.6	9.4	11.1	11.6
144°	1.2	1.9	4.1	6.6	9.4	11.1	11.6
144.5°	1.3	2.0	4.1	6.7	9.4	11.1	11.5
145°	1.3	2.0	4.2	6.7	9.5	11.1	11.5
145.5°	1.4	2.1	4.2	6.8	9.5	11.1	11.4
146°	1.4	2.2	4.3	6.8	9.5	11.1	11.4
146.5°	1.4	2.3	4.4	6.9	9.5	11.1	11.4
147°	1.5	2.3	4.4	6.9	9.5	11.1	11.3
147.5°	1.5	2.4	4.5	7.0	9.5	11.1	11.3
148°	1.6	2.4	4.6	7.0	9.6	11.1	11.2
148.5°	1.6	2.5	4.6	7.1	9.6	11.1	11.2
149°	1.7	2.6	4.7	7.1	9.6	11.1	11.2
149.5°	1.8	2.6	4.8	7.2	9.6	11.1	11.1
150°	1.8	2.7	4.8	7.2	9.6	11.1	11.1
150.5°	1.9	2.8	4.9	7.2	9.7	11.1	11.1
151°	1.9	2.9	5.0	7.3	9.7	11.1	11.0
151.5°	2.0	2.9	5.1	7.3	9.7	11.1	11.0
152°	2.1	3.0	5.1	7.4	9.7	11.0	10.9
152.5°	2.1	3.1	5.2	7.4	9.8	11.0	10.9
153°	2.2	3.2	5.3	7.5	9.8	11.0	10.8
153.5°	2.3	3.3	5.3	7.5	9.8	11.0	10.8
154°	2.4	3.3	5.4	7.6	9.8	11.0	10.7
154.5°	2.5	3.4	5.5	7.6	9.8	11.0	10.7
155°	2.5	3.5	5.5	7.7	9.8	11.0	10.6
155.5°	2.6	3.6	5.6	7.7	9.8	11.0	10.6
156°	2.7	3.7	5.7	7.7	9.8	11.0	10.5
156.5°	2.8	3.8	5.7	7.8	9.8	11.0	10.5
157°	2.8	3.9	5.8	7.8	9.8	10.9	10.4

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CATALOG NUMBER: AWP75S-BZ-HIGH-5000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
157.5°	2.9	4.0	5.9	7.9	9.8	10.9	10.4
158°	3.0	4.0	5.9	7.9	9.8	10.9	10.4
158.5°	3.1	4.1	6.0	7.9	9.8	10.9	10.3
159°	3.1	4.2	6.1	8.0	9.8	10.8	10.3
159.5°	3.2	4.3	6.1	8.0	9.8	10.8	10.2
160°	3.2	4.4	6.2	8.1	9.8	10.8	10.2
160.5°	3.3	4.5	6.2	8.1	9.8	10.7	10.1
161°	3.4	4.6	6.3	8.1	9.8	10.7	10.0
161.5°	3.5	4.6	6.4	8.2	9.8	10.7	10.0
162°	3.5	4.7	6.4	8.2	9.8	10.6	9.9
162.5°	3.6	4.8	6.5	8.2	9.8	10.6	9.8
163°	3.7	4.9	6.6	8.2	9.8	10.6	9.7
163.5°	3.8	4.9	6.6	8.3	9.8	10.5	9.7
164°	3.8	5.0	6.7	8.3	9.8	10.5	9.6
164.5°	3.9	5.1	6.8	8.4	9.8	10.5	9.5
165°	4.0	5.2	6.8	8.4	9.8	10.4	9.4
165.5°	4.1	5.2	6.9	8.4	9.8	10.4	9.4
166°	4.1	5.3	6.9	8.5	9.8	10.4	9.3
166.5°	4.2	5.4	7.0	8.6	9.8	10.3	9.3
167°	4.3	5.5	7.1	8.6	9.8	10.3	9.2
167.5°	4.3	5.5	7.1	8.6	9.8	10.3	9.1
168°	4.4	5.6	7.2	8.6	9.8	10.2	9.0
168.5°	4.5	5.7	7.3	8.7	9.8	10.2	9.0
169°	4.6	5.8	7.3	8.7	9.8	10.1	8.9
169.5°	4.7	5.8	7.4	8.7	9.8	10.1	8.8
170°	4.7	5.9	7.4	8.7	9.7	10.1	8.7
170.5°	4.8	6.0	7.5	8.8	9.7	10.0	8.6
171°	4.9	6.1	7.6	8.8	9.7	9.9	8.5
171.5°	5.0	6.1	7.6	8.8	9.6	9.9	8.4
172°	5.1	6.2	7.7	8.9	9.6	9.8	8.4
172.5°	5.2	6.3	7.7	8.9	9.6	9.7	8.2
173°	5.3	6.4	7.8	8.9	9.5	9.7	8.1
173.5°	5.3	6.4	7.9	8.9	9.5	9.6	8.0
174°	5.4	6.6	7.9	8.9	9.5	9.6	7.9
174.5°	5.5	6.6	8.0	8.9	9.5	9.5	7.8
175°	5.6	6.7	8.0	8.9	9.5	9.4	7.7
175.5°	5.7	6.8	8.1	8.9	9.4	9.4	7.6
176°	5.8	6.9	8.1	8.9	9.4	9.3	7.5
176.5°	5.9	7.0	8.2	9.0	9.3	9.3	7.4
177°	6.0	7.0	8.3	9.0	9.3	9.2	7.3
177.5°	6.1	7.2	8.3	9.0	9.3	9.1	7.2
178°	6.2	7.2	8.4	9.0	9.3	9.1	7.1
178.5°	6.3	7.3	8.4	9.0	9.2	9.0	7.0
179°	6.4	7.4	8.5	9.0	9.2	8.9	6.9
179.5°	6.5	7.5	8.6	9.0	9.2	8.9	6.7



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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
180°	6.6	6.6	6.6	6.6	6.6	6.6	6.6

(END OF REPORT)