

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: P1197034

Luminaire Tested: AWP75S-BZ-HIGH-3000K-POSITION 0

Issue Date: 10/29/2025

Test Information

Test Method: LM-79-2019
Report Number: P1197034
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 0
Description: AWP Architectural Wall Pack Series - Wall Mount Luminaire
Light Source: 80 CRI, 3000K
Ballast/Driver: -

Summary

Lumens per Lamp: 10125 (1 lamp)
Luminaire Lumens: 10526 lumens
Efficiency: 104.0%
Efficacy: 137.2 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): 76.7
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

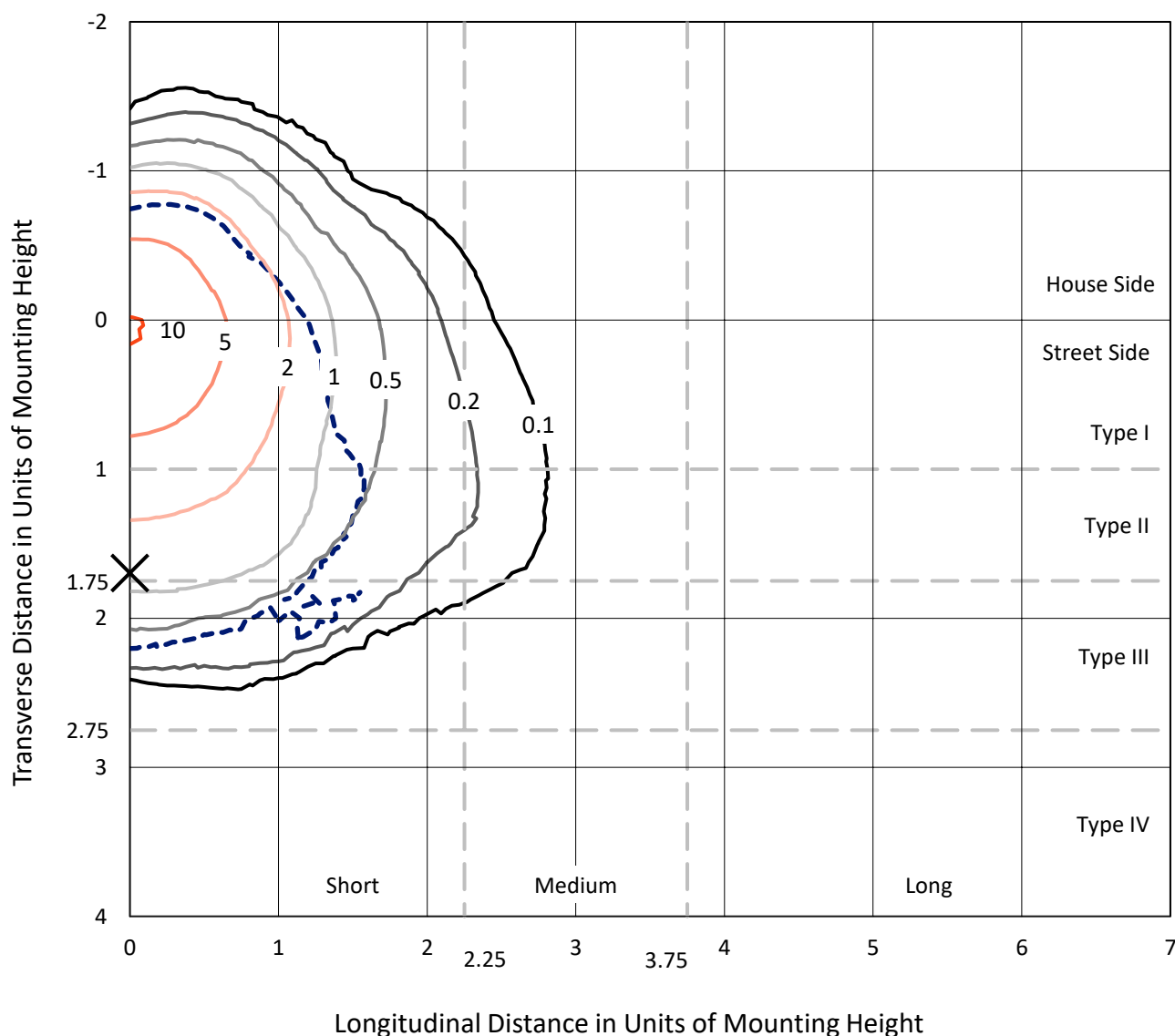
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

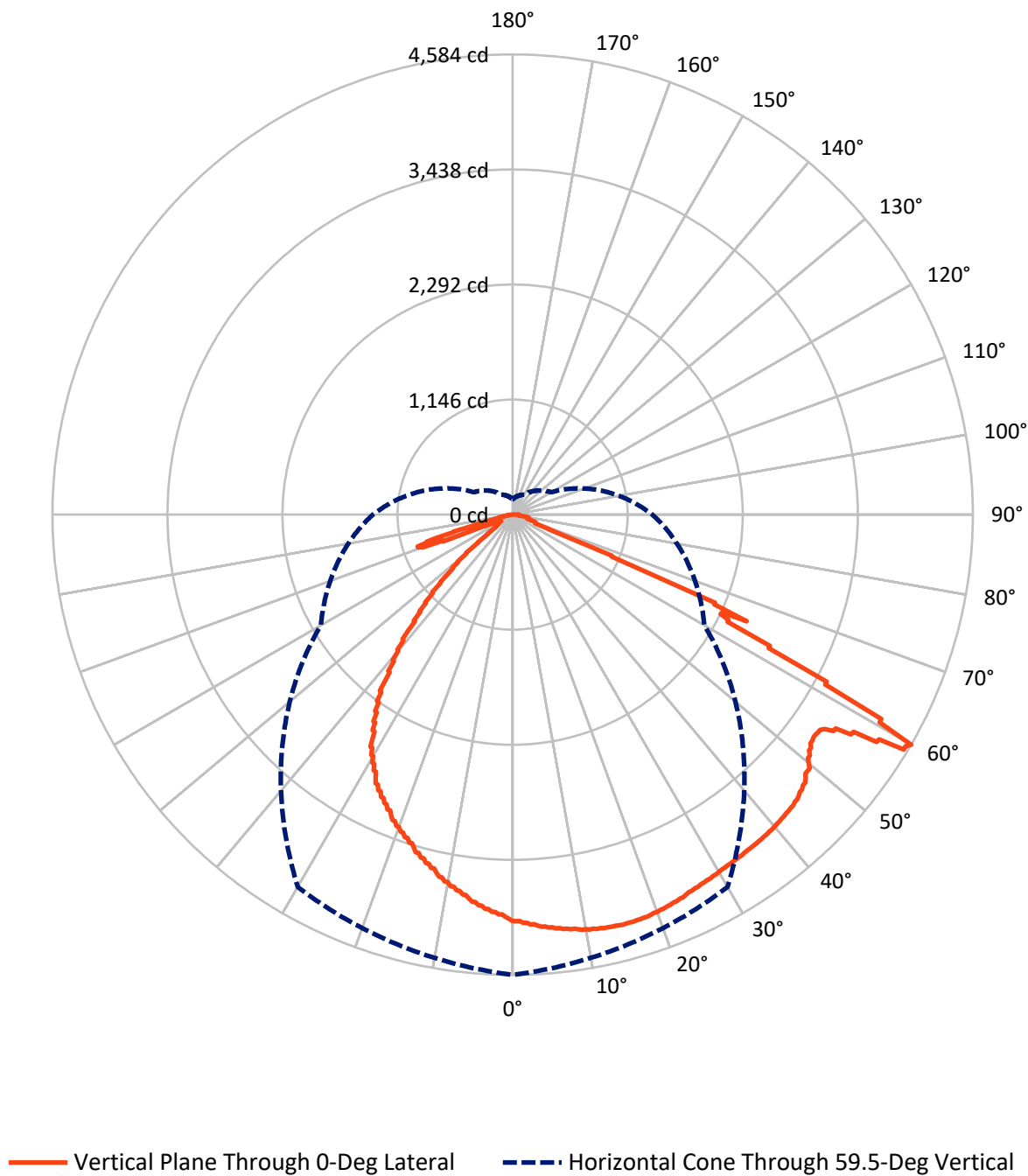


Based on 20 foot mounting height. Maximum calculated value = 10.2 fc
 Type III - Short - Cutoff

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Luminous Intensity Polar Plot



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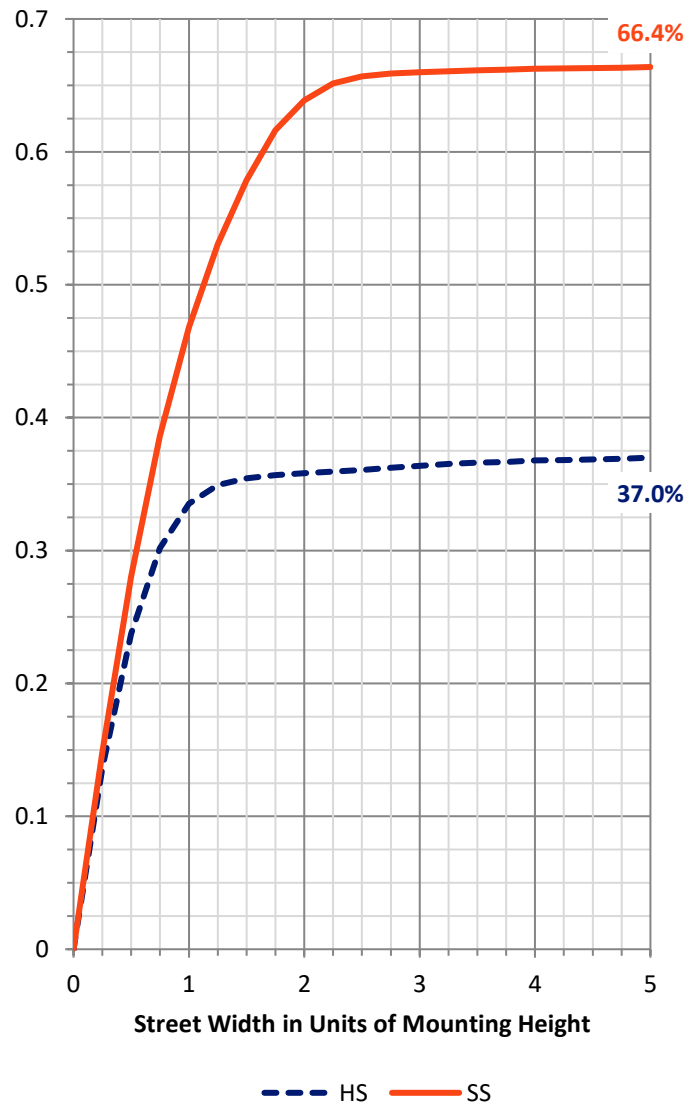
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3798.2	0.2	3798.4
	% Lamp	37.5	0.0	37.5
Street Side	Lumens	6727.2	0.3	6727.6
	% Lamp	66.4	0.0	66.4
Total	Lumens	10525.5	0.5	10526.0
	% Lamp	104.0	0.0	104.0

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	385.9	3.7	3.8
10°-20°	1104.6	10.5	10.9
20°-30°	1671.6	15.9	16.5
30°-40°	2016.2	19.2	19.9
40°-50°	2035.2	19.3	20.1
50°-60°	1749.5	16.6	17.3
60°-70°	1150.1	10.9	11.4
70°-80°	329.5	3.1	3.3
80°-90°	82.8	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°	10525.5	100.0	104.0
0°-180°	10526.0	100.0	104.0

Coefficient of Utilization



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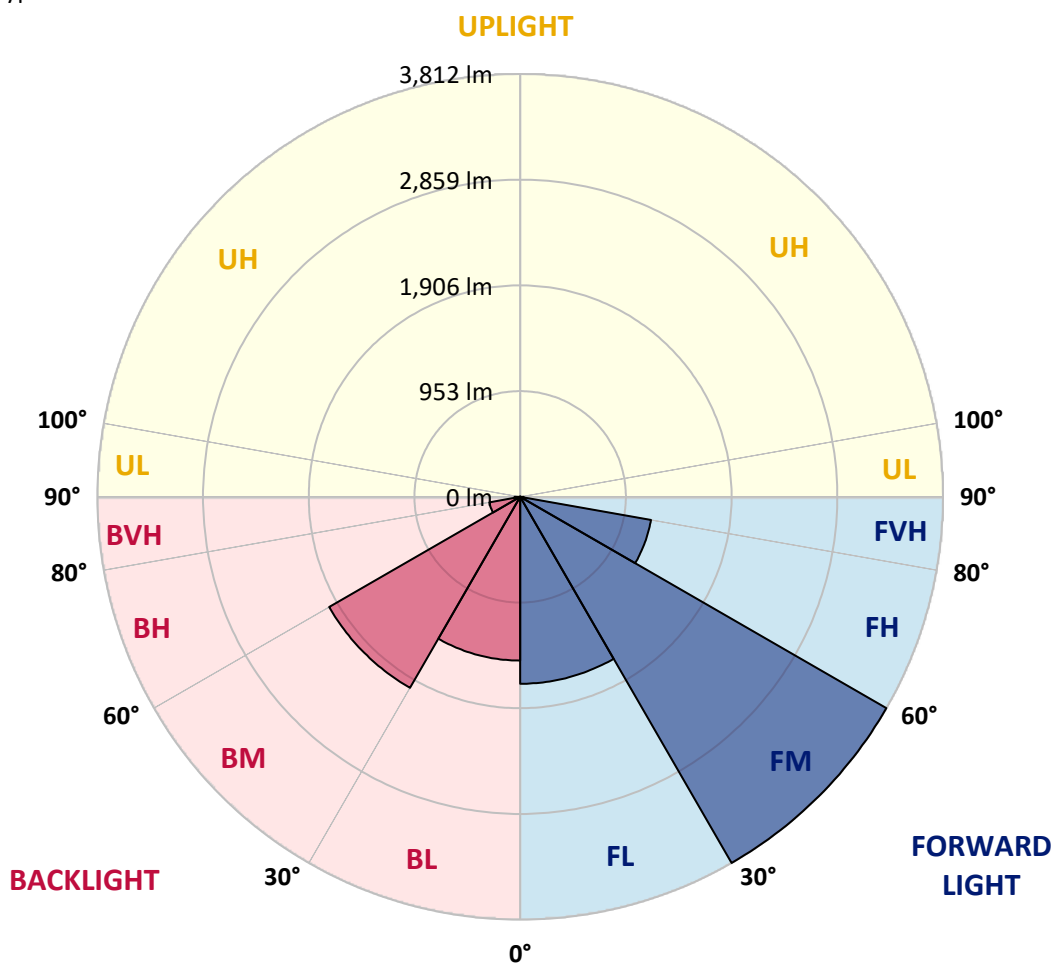
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1685.6	16.6			
FM	(30°-60°)	3812.4	37.7			
FH	(60°-80°)	1197.6	11.8			G1/1800
FVH	(80°-90°)	31.6	0.3			G1/100
BL	(0°-30°)	1476.5	14.6	B3/2500		
BM	(30°-60°)	1988.6	19.6	B2/2500		
BH	(60°-80°)	281.9	2.8	B1/500		G1/500
BVH	(80°-90°)	51.2	0.5			G1/100
UL	(90°-100°)	0.5	0.0		U1/10	
UH	(100°-180°)	0.0	0.0		U0/0	
Trapped Light		-401.0	-4.0			

BUG Rating: B3-U1-G1

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°
0°	4047.7	4047.7	4047.7	4047.7	4047.7	4047.7	4047.7
0.5°	4047.7	4047.7	4047.7	4047.7	4047.7	4047.7	4047.7
1°	4066.4	4077.5	4106.6	4100.5	4072.9	4088.5	4027.2
1.5°	4066.8	4088.2	4112.9	4098.4	4060.9	4088.0	4007.0
2°	4085.1	4099.6	4113.3	4098.4	4047.8	4069.7	3983.7
2.5°	4085.1	4099.6	4118.1	4096.2	4033.4	4069.1	3983.7
3°	4099.8	4114.4	4118.6	4092.6	4033.3	4053.7	3960.5
3.5°	4114.1	4115.0	4117.4	4092.5	4015.4	4053.0	3960.5
4°	4114.4	4125.7	4115.5	4090.1	4015.3	4037.5	3934.9
4.5°	4128.7	4126.2	4115.5	4090.1	3999.9	4020.3	3934.3
5°	4129.0	4134.6	4115.8	4082.9	3999.6	4020.3	3905.7
5.5°	4143.3	4135.1	4115.8	4082.9	3980.5	3998.1	3904.9
6°	4143.5	4145.8	4115.0	4073.4	3980.2	3998.1	3876.4
6.5°	4157.8	4155.9	4115.4	4073.4	3962.3	3976.0	3875.5
7°	4158.1	4155.9	4111.8	4069.7	3962.2	3976.0	3847.0
7.5°	4170.3	4164.7	4112.1	4058.9	3940.4	3952.6	3816.4
8°	4170.3	4164.7	4110.9	4058.9	3916.6	3951.7	3816.4
8.5°	4181.1	4166.3	4111.0	4050.6	3916.2	3925.5	3784.4
9°	4191.8	4166.7	4105.0	4050.3	3893.6	3898.5	3783.4
9.5°	4192.0	4175.0	4101.8	4038.3	3893.2	3898.5	3752.5
10°	4201.5	4175.4	4101.8	4038.3	3893.2	3871.1	3751.4
10.5°	4201.5	4180.1	4093.6	4024.9	3868.9	3870.2	3716.9
11°	4209.8	4180.4	4093.6	4024.9	3840.3	3840.5	3715.8
11.5°	4209.9	4179.2	4085.2	4011.5	3839.8	3840.5	3681.3
12°	4217.0	4185.5	4085.5	4011.5	3813.6	3809.8	3680.2
12.5°	4217.0	4185.5	4074.8	3996.8	3813.1	3809.8	3646.9
13°	4221.7	4186.8	4074.8	3981.3	3783.9	3778.9	3610.0
13.5°	4221.7	4186.8	4066.5	3981.0	3753.0	3777.8	3610.0
14°	4225.0	4184.6	4056.9	3962.8	3752.3	3748.0	3574.4
14.5°	4227.4	4184.7	4056.9	3962.8	3722.6	3713.6	3573.1
15°	4227.2	4184.7	4043.8	3948.0	3722.0	3713.6	3536.2
15.5°	4227.2	4184.7	4043.8	3948.0	3686.3	3675.3	3534.8
16°	4226.9	4179.9	4028.1	3927.2	3685.6	3675.3	3499.1
16.5°	4224.6	4178.6	4028.1	3927.2	3653.4	3639.6	3497.8
17°	4224.2	4178.6	4013.8	3906.4	3652.7	3639.6	3462.1
17.5°	4221.5	4164.3	4013.2	3906.4	3615.8	3601.3	3423.8
18°	4221.5	4164.3	3996.6	3882.0	3580.3	3600.0	3423.8
18.5°	4217.5	4152.2	3996.1	3861.8	3579.6	3563.1	3386.7
19°	4210.3	4152.0	3980.7	3861.2	3543.9	3561.7	3386.7
19.5°	4209.8	4143.6	3958.9	3838.9	3543.1	3524.8	3348.4
20°	4202.7	4143.4	3958.9	3838.9	3501.4	3485.1	3347.0
20.5°	4202.2	4131.5	3940.6	3813.3	3500.4	3485.1	3310.1
21°	4193.8	4131.1	3940.6	3813.3	3461.2	3445.6	3308.6
21.5°	4193.3	4120.4	3918.8	3782.7	3460.0	3445.6	3270.5
22°	4182.6	4106.9	3918.3	3782.7	3420.8	3406.0	3269.1

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
22.5°	4182.0	4106.9	3890.9	3756.7	3419.8	3406.0	3229.8
23°	4170.8	4087.5	3890.2	3730.5	3374.8	3365.0	3189.0
23.5°	4170.8	4087.5	3872.3	3729.8	3333.1	3363.5	3189.0
24°	4159.6	4075.2	3844.5	3700.2	3332.1	3324.2	3145.9
24.5°	4150.0	4074.8	3844.5	3700.2	3286.8	3282.0	3144.4
25°	4149.5	4061.7	3819.0	3667.1	3285.6	3282.0	3101.5
25.5°	4139.9	4061.4	3819.0	3667.1	3240.4	3239.8	3100.0
26°	4139.4	4045.9	3793.4	3637.6	3239.3	3239.8	3054.8
26.5°	4131.1	4045.6	3793.4	3637.6	3192.9	3195.2	3053.1
27°	4130.5	4030.1	3764.3	3599.6	3191.5	3195.2	3005.5
27.5°	4122.9	4016.7	3763.8	3599.6	3143.9	3152.9	3004.0
28°	4122.9	4016.7	3732.9	3566.3	3142.6	3152.9	2955.2
28.5°	4115.2	4002.2	3732.3	3533.0	3092.6	3108.2	2900.0
29°	4115.2	4002.2	3706.1	3532.0	3045.0	3106.4	2900.0
29.5°	4108.8	3987.7	3674.6	3495.1	3043.6	3063.6	2840.1
30°	4102.8	3987.4	3674.6	3495.1	2992.5	3017.6	2838.4
30.5°	4102.3	3974.4	3640.8	3453.4	2990.9	3017.6	2777.7
31°	4096.3	3974.1	3640.8	3414.1	2938.2	2970.4	2776.0
31.5°	4095.9	3959.8	3608.1	3412.9	2938.2	2970.4	2711.7
32°	4092.3	3944.2	3607.6	3412.9	2887.1	2920.9	2709.9
32.5°	4091.8	3944.2	3607.6	3372.4	2885.5	2920.9	2639.7
33°	4088.9	3937.0	3576.3	3371.2	2835.5	2870.2	2560.5
33.5°	4088.9	3937.0	3541.8	3327.1	2780.4	2868.1	2560.5
34°	4083.0	3922.5	3541.3	3283.0	2778.7	2817.0	2480.0
34.5°	4080.1	3910.5	3507.5	3281.8	2723.9	2814.9	2480.0
35°	4079.7	3910.5	3470.6	3234.0	2722.2	2758.9	2391.0
35.5°	4077.3	3910.4	3470.6	3234.0	2667.4	2699.7	2388.8
36°	4076.8	3899.7	3434.5	3185.0	2665.6	2699.7	2297.2
36.5°	4073.2	3899.6	3434.5	3185.0	2609.7	2634.5	2294.8
37°	4072.8	3884.1	3394.6	3135.9	2607.9	2634.5	2198.4
37.5°	4067.5	3874.4	3394.3	3135.9	2550.8	2565.7	2195.8
38°	4067.5	3874.4	3356.2	3083.3	2548.8	2565.7	2095.9
38.5°	4061.1	3858.7	3355.6	3034.5	2487.4	2494.4	1990.9
39°	4061.1	3858.7	3316.3	3033.0	2426.7	2492.1	1990.9
39.5°	4057.0	3846.7	3275.4	2977.9	2424.7	2416.0	1880.9
40°	4051.0	3846.4	3275.4	2977.9	2362.8	2331.5	1877.7
40.5°	4050.4	3835.7	3231.0	2920.3	2360.7	2331.5	1769.4
41°	4042.1	3835.4	3231.0	2920.3	2295.2	2242.1	1766.1
41.5°	4041.6	3822.3	3185.3	2862.6	2293.1	2242.1	1660.2
42°	4033.3	3822.0	3185.3	2862.6	2227.7	2148.0	1656.7
42.5°	4032.9	3813.7	3136.1	2801.3	2225.4	2148.0	1549.6
43°	4024.1	3800.3	3135.7	2801.3	2154.0	2050.1	1442.5
43.5°	4024.1	3800.3	3091.6	2741.3	2151.8	2050.1	1442.5
44°	4010.4	3786.7	3091.1	2680.6	2073.3	1946.0	1338.6
44.5°	4010.4	3786.7	3042.3	2678.7	1994.7	1943.0	1338.6

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
45°	3995.6	3776.6	2994.4	2613.8	1992.3	1839.5	1235.9
45.5°	3976.6	3775.9	2994.4	2613.8	1910.2	1729.2	1231.9
46°	3975.9	3768.7	2945.3	2545.3	1907.7	1729.2	1116.4
46.5°	3953.3	3767.9	2945.3	2545.3	1823.2	1618.9	1112.3
47°	3952.5	3753.6	2888.8	2482.5	1820.9	1618.9	987.4
47.5°	3926.4	3738.3	2888.3	2482.5	1736.4	1507.4	983.3
48°	3892.4	3737.1	2837.1	2415.1	1733.9	1507.4	882.1
48.5°	3891.4	3726.3	2836.7	2346.1	1642.0	1398.1	799.5
49°	3891.4	3726.3	2784.3	2344.1	1546.8	1394.5	799.5
49.5°	3852.5	3709.4	2783.7	2276.3	1544.2	1292.1	720.7
50°	3812.0	3707.9	2730.2	2274.2	1441.9	1288.2	720.7
50.5°	3810.9	3690.0	2678.3	2200.9	1439.2	1190.6	600.3
51°	3771.6	3688.5	2678.3	2200.9	1319.0	1090.9	596.7
51.5°	3770.6	3670.7	2618.1	2124.8	1316.2	1090.9	443.2
52°	3739.7	3669.5	2618.1	2124.8	1196.0	994.6	439.7
52.5°	3738.8	3645.7	2556.5	2045.2	1193.0	994.6	315.9
53°	3727.9	3619.1	2555.6	2045.2	1077.6	899.8	312.5
53.5°	3727.9	3619.1	2496.0	1965.5	1074.6	899.8	250.6
54°	3736.2	3593.2	2495.1	1888.2	969.3	782.9	217.7
54.5°	3736.2	3593.2	2435.5	1885.9	880.1	779.5	217.7
55°	3771.1	3588.4	2383.0	1803.0	877.0	685.4	196.3
55.5°	3853.2	3591.6	2383.0	1803.0	805.6	604.2	193.3
56°	3859.8	3616.6	2332.7	1718.9	802.5	604.2	182.6
56.5°	4016.9	3622.5	2332.7	1718.9	737.0	499.3	178.7
57°	4025.3	3707.0	2284.8	1636.1	733.9	499.3	173.9
57.5°	4274.1	3716.5	2284.8	1636.1	655.4	365.4	168.9
58°	4282.0	3868.8	2240.6	1553.2	652.3	365.4	167.8
58.5°	4543.8	4081.1	2248.3	1553.2	557.1	271.4	161.9
59°	4543.8	4081.1	2197.1	1471.5	554.1	271.4	161.9
59.5°	4583.6	4280.4	2204.6	1391.8	446.3	230.5	153.4
60°	4199.5	4266.5	2148.7	1389.7	371.3	227.6	153.4
60.5°	4199.5	4302.2	2097.7	1311.5	368.4	209.8	142.0
61°	3543.3	4278.1	2097.7	1311.5	324.4	197.4	141.6
61.5°	3543.3	4025.8	2039.3	1234.7	321.5	197.4	132.1
62°	2876.5	4001.1	2039.3	1234.7	295.4	189.3	131.8
62.5°	2876.5	3483.5	1966.0	1155.3	292.4	189.3	131.8
63°	2391.9	2900.2	1944.5	1155.3	275.8	183.9	131.6
63.5°	2392.5	2900.2	1902.9	1079.9	272.9	183.9	135.2
64°	2296.1	2433.6	1885.3	1006.1	254.7	177.3	143.3
64.5°	2306.8	2433.6	1848.4	1004.7	242.8	176.9	143.3
65°	2560.3	2171.9	1838.0	932.1	240.0	172.1	171.7
65.5°	2198.8	2158.5	1813.0	931.2	231.7	171.8	171.7
66°	2198.8	2277.5	1816.4	855.0	228.8	169.4	204.9
66.5°	1071.9	2235.9	1816.4	855.0	220.4	166.7	204.8
67°	1071.9	2458.4	1867.7	781.6	217.6	166.7	223.9

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
67.5°	383.7	2433.3	1867.7	781.6	208.1	162.8	223.7
68°	383.7	2072.7	1914.7	703.0	205.0	162.8	299.9
68.5°	239.2	1194.1	1881.4	703.0	194.3	154.0	299.6
69°	237.7	1194.1	1925.4	617.8	191.0	154.0	475.7
69.5°	237.7	482.4	1898.4	534.5	179.5	150.2	742.1
70°	237.3	482.4	1879.3	533.8	170.0	149.8	742.1
70.5°	240.9	219.6	1774.1	469.5	167.6	147.4	959.8
71°	227.7	219.1	1774.1	469.5	158.1	137.5	959.5
71.5°	227.7	179.8	1598.9	404.5	155.9	137.5	997.6
72°	192.4	178.5	1598.9	404.5	146.4	127.7	997.2
72.5°	192.4	171.3	1365.3	350.4	144.7	127.7	898.4
73°	173.7	170.7	1365.3	350.4	135.1	111.8	897.8
73.5°	173.7	163.5	1094.9	312.8	134.1	111.8	789.5
74°	152.9	140.1	1094.0	312.8	125.8	93.7	613.9
74.5°	152.4	140.1	829.8	278.9	114.1	93.2	613.9
75°	152.4	118.7	829.0	255.1	113.2	81.3	373.1
75.5°	159.3	119.0	624.3	247.3	101.3	80.9	373.1
76°	159.3	103.5	467.8	211.6	100.2	80.9	213.6
76.5°	163.0	103.7	467.8	211.6	90.7	91.2	214.0
77°	163.0	91.8	335.3	172.1	89.4	91.2	145.0
77.5°	164.3	91.8	335.3	172.1	77.5	137.2	146.7
78°	164.3	85.9	241.1	136.4	76.3	137.2	114.6
78.5°	162.1	88.1	241.1	136.4	65.5	255.8	119.1
79°	162.2	88.1	185.2	106.9	64.5	255.8	98.9
79.5°	149.1	92.4	185.4	86.7	54.2	380.4	87.0
80°	149.0	92.4	158.0	85.6	47.1	380.1	87.0
80.5°	122.9	97.4	158.2	72.5	46.6	442.0	75.1
81°	92.9	96.2	138.0	71.8	38.2	419.1	74.2
81.5°	92.9	99.8	114.3	59.0	37.8	419.1	62.3
82°	71.1	99.0	114.3	59.0	30.6	380.7	60.9
82.5°	71.1	100.2	95.4	48.7	30.3	380.7	49.0
83°	62.1	99.9	95.4	48.7	23.1	335.2	47.2
83.5°	62.1	97.5	78.6	38.6	22.8	335.2	35.3
84°	62.6	89.2	78.3	38.6	14.4	287.3	33.5
84.5°	62.0	89.2	61.6	32.0	14.2	287.3	25.2
85°	66.7	72.7	61.0	26.0	9.2	239.5	15.1
85.5°	66.2	72.7	39.6	25.2	5.7	239.4	15.1
86°	67.4	53.7	18.6	17.3	5.4	191.8	8.5
86.5°	65.9	53.7	18.6	17.3	1.8	139.3	6.5
87°	65.9	37.0	1.3	13.1	1.7	139.3	5.3
87.5°	60.9	36.8	1.3	13.1	0.5	89.3	3.4
88°	60.9	23.7	0.8	8.3	0.3	89.3	3.4
88.5°	51.2	23.4	0.8	8.3	0.3	55.9	2.1
89°	51.2	13.8	0.5	4.8	0.2	55.9	2.1
89.5°	35.7	7.3	0.2	4.8	0.2	9.5	0.4

REPORT NUMBER: P1197034

CATALOG NUMBER: AWP75S-BZ-HIGH-3000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
90°	35.7	7.3	0.2	2.4	0.1	9.5	0.4
90.5°	22.6	2.1	0.0	0.0	0.0	2.4	0.1
91°	8.3	1.5	0.0	0.0	0.0	2.4	0.1
91.5°	8.3	0.3	0.0	0.0	0.0	1.2	0.0
92°	1.2	0.0	0.0	0.0	0.0	1.2	0.0
92.5°	1.2	0.0	0.0	0.0	0.0	1.2	0.0
93°	0.0	0.0	0.0	0.0	0.0	1.2	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	1.2	0.0
94°	0.0	0.0	0.0	0.0	0.0	1.2	0.0
94.5°	0.0	0.0	0.0	0.0	0.0	1.2	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: P1197034

CATALOG NUMBER: AWP75S-BZ-HIGH-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: P1197034

CATALOG NUMBER: AWP75S-BZ-HIGH-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: P1197034

CATALOG NUMBER: AWP75S-BZ-HIGH-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: P1197034
CATALOG NUMBER: AWP75S-BZ-HIGH-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)